# Remedial Investigation

## Lindsay, Nebraska

prepared for

## Lindsay Manufacturing

Site Lindsay Manufact
ID # NED068645696
Break 3.5
Other Vol 2 of 3
6/90
0755

prepared by

DAMES & MOORE

Seattle, Washington

June 20, 1990

40104111
SUPERFUND RECORDS

# VOLUME II
# Appendices I through X

Site LINDSAY
ID # NED068ED7696
Break 3 5
Other

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# APPENDIX I

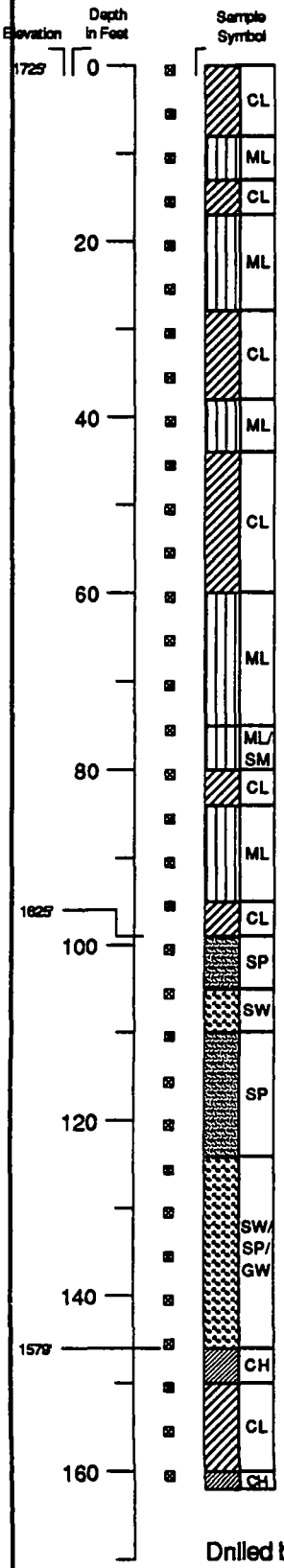
## GEOLOGICAL LOGS

# APPENDIX I

## A MW89-9 through MW89-15

# Geological Log

## Boring MW89-9




Silty Clay Brown low plasticity soft moist 35 40% silts Topsoil

Clayey Silt Brown low plasticity to nonplastic medium stiff moist contains some Calcareous materials 15% clay

Silty Clay Brown to yellowish brown low to medium plasticity medium stiff moist extensively iron stained 35 40% Silts

Clayey Silt Brown to yellowish brown nonplastic medium stiff to stiff 20 25% clay decreasing with depth fine grained sand increasing with depth to 30 35%

Silty Clay Yellowish brown low to medium plasticity medium stiff iron stained 20 25% silts

Clayey Silt Olive brown to 40 5' reddish brown from 40 5' nonplastic medium stiff 10 30% clay increasing with depth

Silty Clay Yellowish brown nonplastic to medium plasticity increasing with depth medium stiff to stiff 10 30% Silts decreasing with depth manganese stained.

Clayey Silt Yellowish brown to greyish brown nonplastic to low plasticity stiff to soft with increasing depth 15 20% clay <5 10% fine grained rounded sands decreasing with depth

Sandy Silt/Silty Sand Pale brown to brown nonplastic loose 50% fine grained sands 50% silts

Silty Clay Brown medium plasticity medium stiff 30 35% silts

Clayey Silt Brown nonplastic Soft 5 15% clay decreasing with depth

Sandy Clay Brown medium plasticity medium stiff 10 15% fine grained sands

Fine Grained Sand Dense rounded 10 15% silts

Mediun to Coarse Sand Dense rounded 80 85% quartz 10 15% feldspar

Medium Sand Dense well rounded 80 85% quartz 10 15% feldspar

Coarse Sand / Fine Gravel Dense 75 80 % rounded quartz 15 20% rounded to subrounded feldspar

Fine Grained Sand Rounded dense

Fat Clay Olive brown with grey motting high plasticity very stiff Contains dessication cracks filled with fine sands

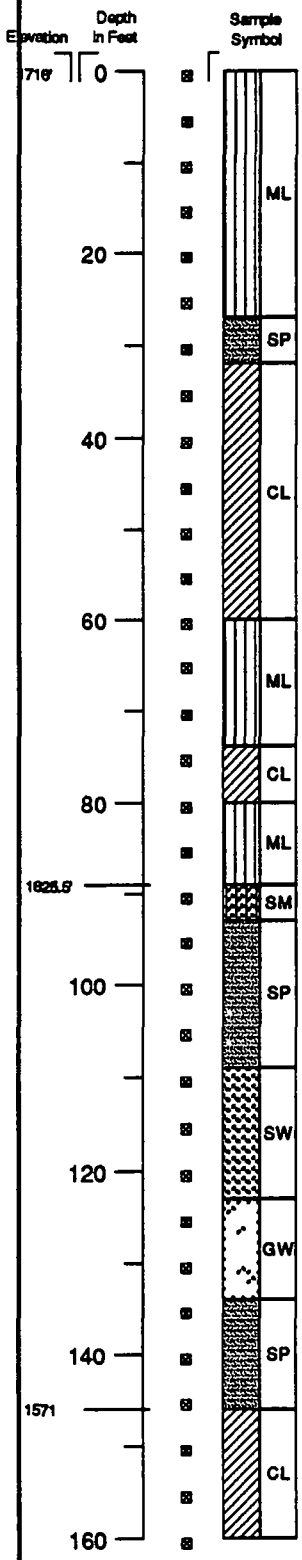
Sandy Clay Brown low to medium plastic stiff 30 50% fine grained rounded sands increasing with depth Interbedded silts at 155

Fat Clay White to pale yellow high plasticity very stiff vertical cracks contain fine grained quartz sands Yellow Ocher

Drilled by Christensen Drilling on 6/7 9/89
D&M Supervision by C Rowan

# Geological Log

## Boring MW89-10




Clayey Silt Yellowish to greyish brown nonplastic stiff moist iron and manganese stained <10% clay

Fine Grained Sand Yellowish brown rounded loose to medium dense 10 20% silts

Silty Clay / Sandy Clay Yellowish brown plastic to medium plasticity medium stiff to stiff manganese stained 5 20% rounded fine grained sands

Sandy Silt / Clayey Silt Yellowish brown low plasticity medium stiff 5 20% rounded fine grained sands

Silty Clay Brown medium plasticity medium stiff 20% silts Contains traces of fine sands

Sandy Silt / Clayey Silt Brown to yellowish brown nonplastic to low plasticity 10% rounded fine sands

Silty Sands Brown nonplastic, medium dense 25 30% silts Sands are rounded fine grained quartz

Fine Grained Sand Brown dense rounded 5% Silts 90% quartz 5% feldspar medium to coarse sand.

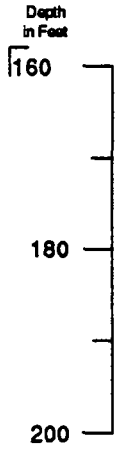
Fine to Coarse Sand Dense rounded, <2% silts 80 85% quartz 10 15% fledspar manganese stained

Coarse Sand / Fine Gravel Dense <5% silts

Fine to Medium Sand Dense rounded Contains fine silt lenses 85% quartz 10% feldspar

Clay / Sandy Clay Yellowish brown medium plasticity stiff to medium stiff decreasing with depth 15 35 / fine grained sands increasing with depth Sands are rounded to subrounded

Boring continues at top of page




Sandy Clay Yellowish brown medium plasticity medium stiff 30 35% well rounded fine *grained sands*

Coarse Sand Dense angular to rounded.

Sandy Clay Brown medium plasticity medium stiff 35% rounded fine grained sands

Medium to Coarse Sand Dense

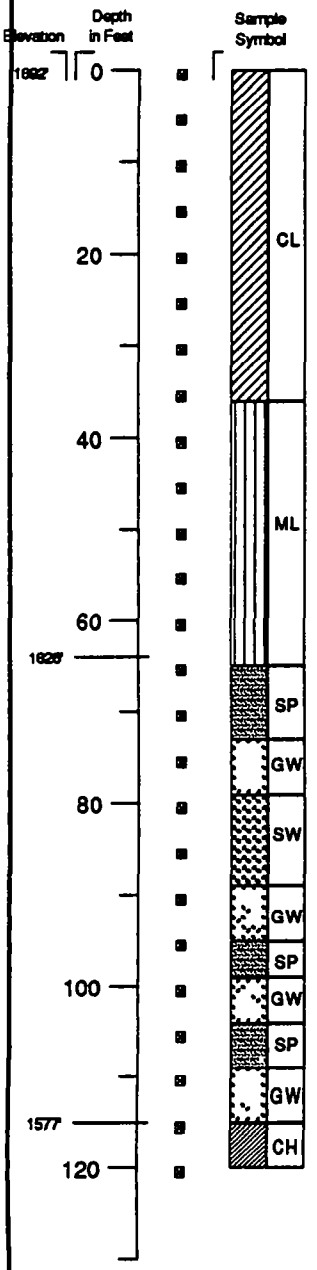
Sandy Clay Plastic medium stiff

Fat Clay Pale yellow high plasticity stiff Yellow Ocher

Drilled by Christensen Drilling on 6/12 13/89
D&M Supervision by C Rowan

# Geological Log

## Boring MW89-11




Silty Clay Yellowish brown to brown reddish brown at 30' medium plasticity moist medium stiff 25 30% silts

Clayey Silts Yellowish brown low plasticity soft to medium stiff 10 15% clay iron and manganese staining

Fine to Medium Sand dense well rounded 85% quartz 15% feldspar

Coarse Sand / Fine Gravels Dense rounded, 80%quartz 15% feldspar

Medium to Coarse Sands Dense rounded, <5% silts 85% quartz 13 15% feldspar

Fine Gravels / Coarse Sand Dense rounded Contains three inch seam of medium stiff plastic olive clay Material is of granitic origin

Coarse Sand Dense rounded <5% silts 85% quartz 10 15% feldspar

Coarse Sand / Fine Gravel Dense rounded Contains up to one inch diameter granitic origin rock fragements

Fine Grained sands Dense rounded.

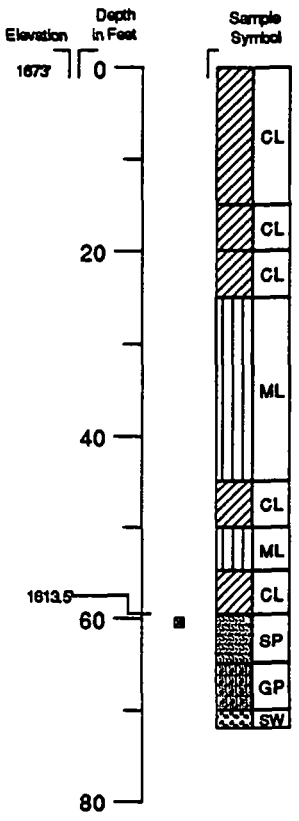
Coarse Gravel Dense rounded granitic origin

Fat Clay Brown high plasticity very stiff Upper portion contains fine grained rounded sand with manganese and is fractured vertically

Drilled by Christensen Drilling on 6/5-6/89
D&M Supervision by C Rowan

# Geological Log

## Boring MW89-12




Silty Clay Dark brown to dark greyish brown with increasing depth medium to high plasticity to low plasticity with increasing depth stiff 10% silts

Silty Clay Dark olive brown low plasticity medium stiff 20% silts

Silty Clay Olive low plasticity stiff loose 30 40% silts

Clayey Silt Olive to light olive brown to grey with increasing depth low plasticity soft 30 40% clay

Silty Clay Dark grey low plasticity very soft cohesive 30 40% silts

Clayey silt Dark greenish grey low plasticity soft 25% clay

Silt Clay Dark grey with green mottling low plasticity firm 25% silts

Fine to Coarse Sand Decreasing grain size with depth grey to brown with increasing depth subrounded poorly sorted scattered pebbles bright orange mineral staining

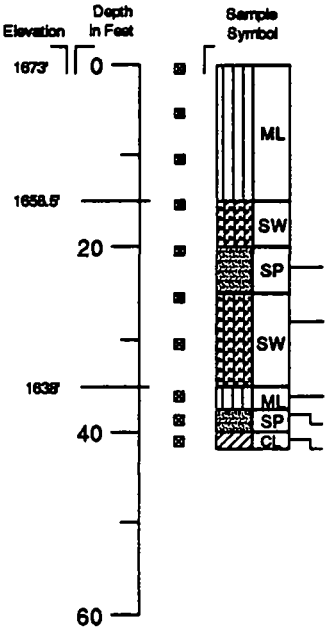
Gravel Coarse Sand to Pebbles Pebbles to 15mm diameter subrounded to subangular poorly sorted 40% quartz 30% feldspar

Coarse Sand Brown subrounded poorly sorted loose 50% quartz 40% feldspar

Drilled by Chnstensen Drilling on 11/4-5/89
D&M Supervision by D Watterson

# Geological Log

## Boring MW89-13




Clayey Silt Dark brown to olive with increasing depth medium plasticity to low plasticity with increasing depth moist medium firm friable
Strong reation with HCL

Scattered organic matter and calcerous concretions increasing firmness

Silty Sand Light olive brown very fine grained sand subrounded well sorted slightly moist decreasing with depth scattered light grey bands to 1cm wide 10% silts

Very Fine to Fine Sand Light greyish brown subangular well sorted moist slight horizontal banding <1% feldspar

Silty Sand Olive brown to dark greyish brown with increasing depth fine grained sand subrounded well sorted moist to wet with increasing depth 5 10% silts <1 1% feldspar <1%mafics

Clayey Silt Light yellowish brown low plasticity firm 4 10% clay dereasing with depth scattered iron staining

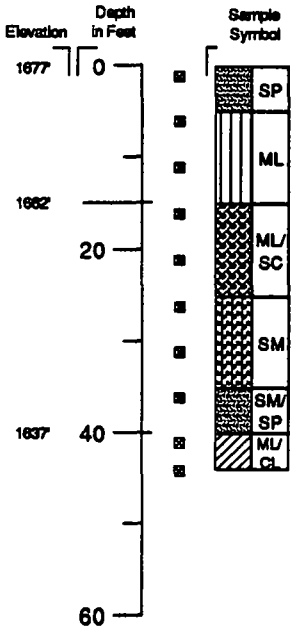
Fine to Medium Sand Greyish brown subangular well sorted wet 1% feldsapr 1% mafics

Sandy Clay Light olive brown low plasticiy stiff very firm wet 10% sand.

Drilled by Christensen Drilling on 10/31/89
D&M Supervision by D Watterson

# Geological Log

## Boring MW89-14




Very Fine Grained Sand Brownish yellow well sorted firm weak cementation abundant organic material

Clayey Silt Light olive brown to dark greyish brown with increasing depth medium plasticity firm 25 30% clay

Clayey Sand Olive brown very fine to fine sands well rounded medium to low plasticity with increasing depth firm friable 35 40% clay to 50% clay with increasing depth

Silty Sand dark yellowish brown to light olive brown with increasing depth very fine to medium sand subrounded well sorted loose <10% silts 98% quartz 1% feldspar 1% mafics

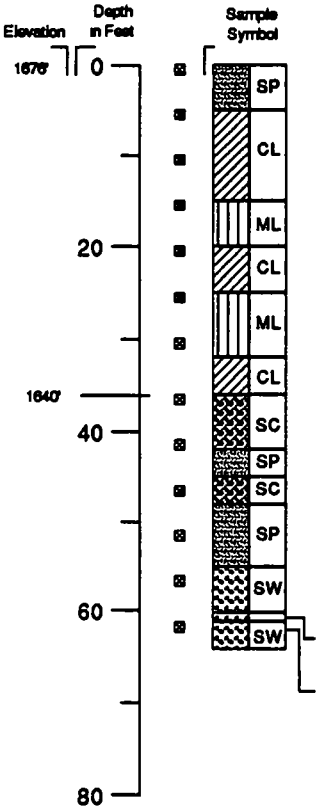
Fine Grained Sand Light olive brown rounded well sorted 99% quartz 1% feldspar

Sandy Silty Clay / Clayey Silt Olive brown low plasticity firm wet 10 50% silts increasing with depth 25% sand.

Drilled by Christensen Drilling on 10/27 28/89
D&M Supervision by D Watterson

# Geological Log

## Boring MW89-15




Fine to Medium Sand Olive brown subangular well sorted, friable dry moderate reaction to HCL.

Silty Clay Dark olive brown to dark greenish grey with increasing depth low plasticity firm moist to wet 20 30% silt

Clayey Silt Dark grey low plasticity friable moist minor horizontal fracture minor organic material 25%clay

Sandy Clay Dark grey to light grey with increasing depth very fine grained sands low plasticity medium stiff friable minor organic material

Clayey Silt Olive brown low plasticity soft moderately friable wet 25 35% clay
-Scattered grey mottling

Silty sandy Clay Light olive brown scattered grey and red mottling low to medium plasticity wet

Clayey Sand Olive brown very fine grained sands low plasticity moderately friable wet 1% organic material

Fine to Medium Sand Yellowish brown subangular well sorted, 1% mafics

Clayey Sand Light to dark olive brown with increasing depth fine to medium sands subangular moderately sorted scattered rounded quartz pebbles 0 5 1% mafics 1 10% feldspar

Medium to Coarse sand Yellowish brown subangular poorly to moderately sorted sands scattered rounded quartz pebbles 5 10% feldspar 1% mafics

(SW)- Fine to Coarse Sand Light olive brown to reddish yellow angular to subangular poorly sorted loose scattered quartz pebbles minor black staining

Coarse Sand with Pebbles Olive subangular poorly to moderately sorted loose 25% feldspar 1% mafics

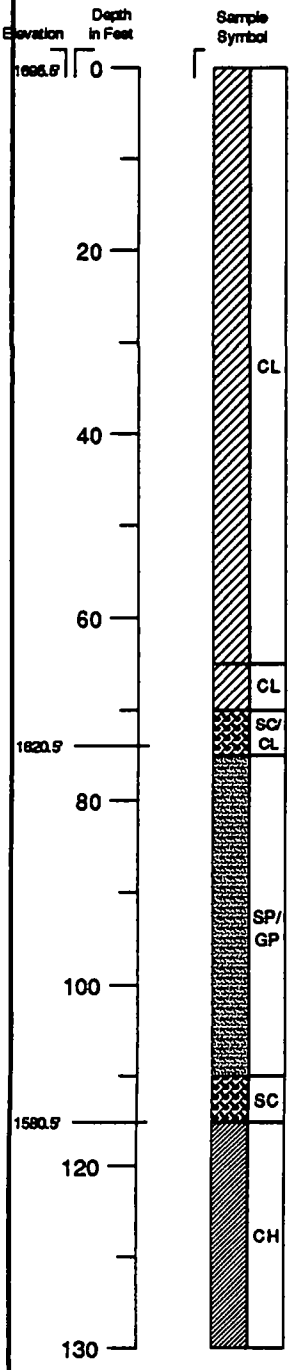
Drilled by Christensen Drilling on 10/24/89
D&M Supervision by D Watterson

# APPENDIX I

B Add-on Interceptor Wells

# Geological Log

## Add-On Interceptor Well




Silty Clay Olive brown to olive grey plastic scattered carbonate nodule fragements and up to 1cm diameter carbonate nodules scattered organic material up to 15' below surface

Silty Sandy Clay Olive brown to olive grey plastic 2 5% fine rounded sands

Clayey Sand / Sandy Clay Olive brown medium to coarse subrounded to rounded sand granitic origin manganese staining

Medium to Coarse Sand / Fine Gravel Rounded to subrounded, 2 5% fines 50% quartz 40% feldspar manganese staining

Trace clays

Clayey Sand / Sandy Clay Olive medium rounded sand 15 20% clay

Limestone fragements

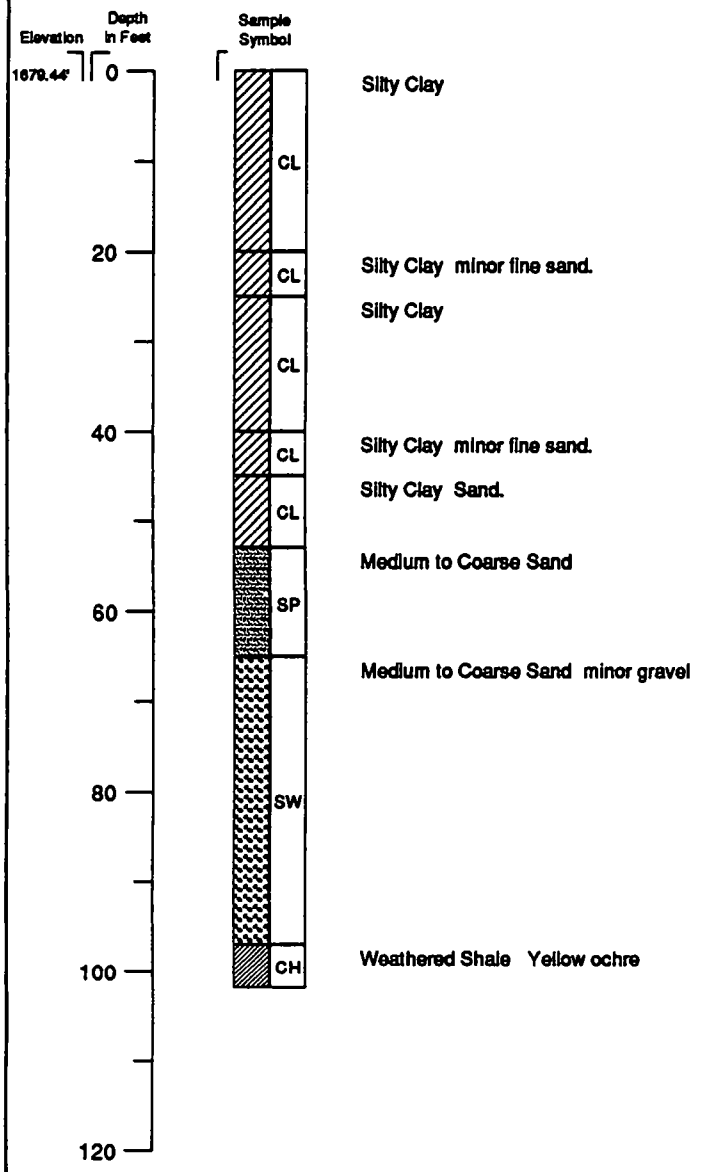
Drilled by Christensen Drilling on 2/15-17/89

# APPENDIX I

C TMW88-1 through TMW88-11

# Geological Log

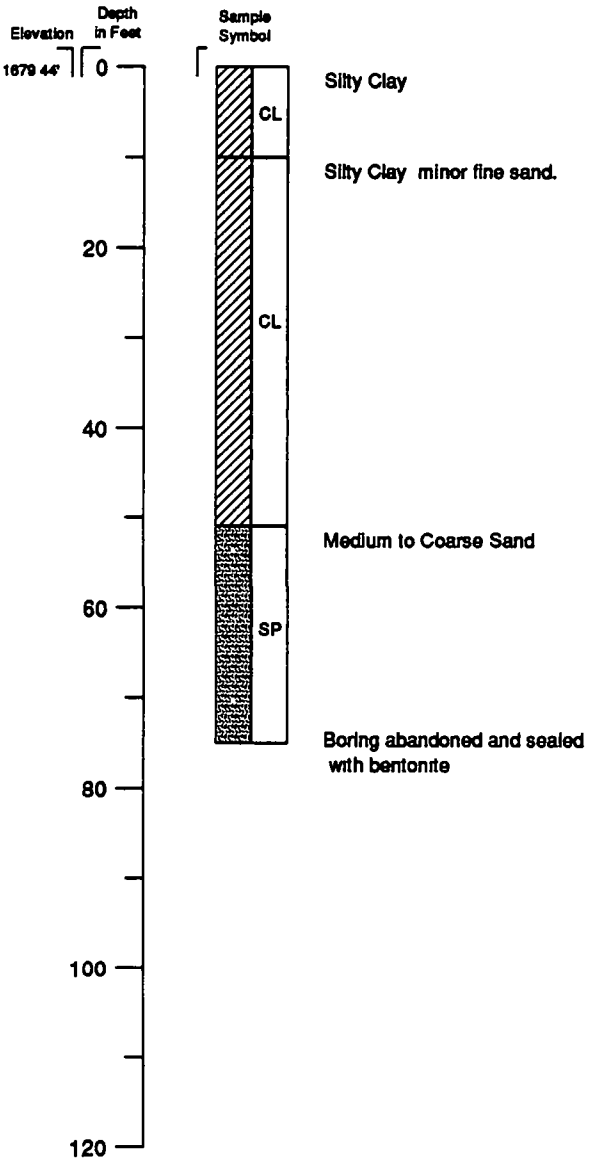
## Boring TMW88-1




NOTE Disturbed cutting samples observed every five feet

Drilled by Grosch Irrigation Co on 8/9/88
D&M Supervision by D Bjerklie

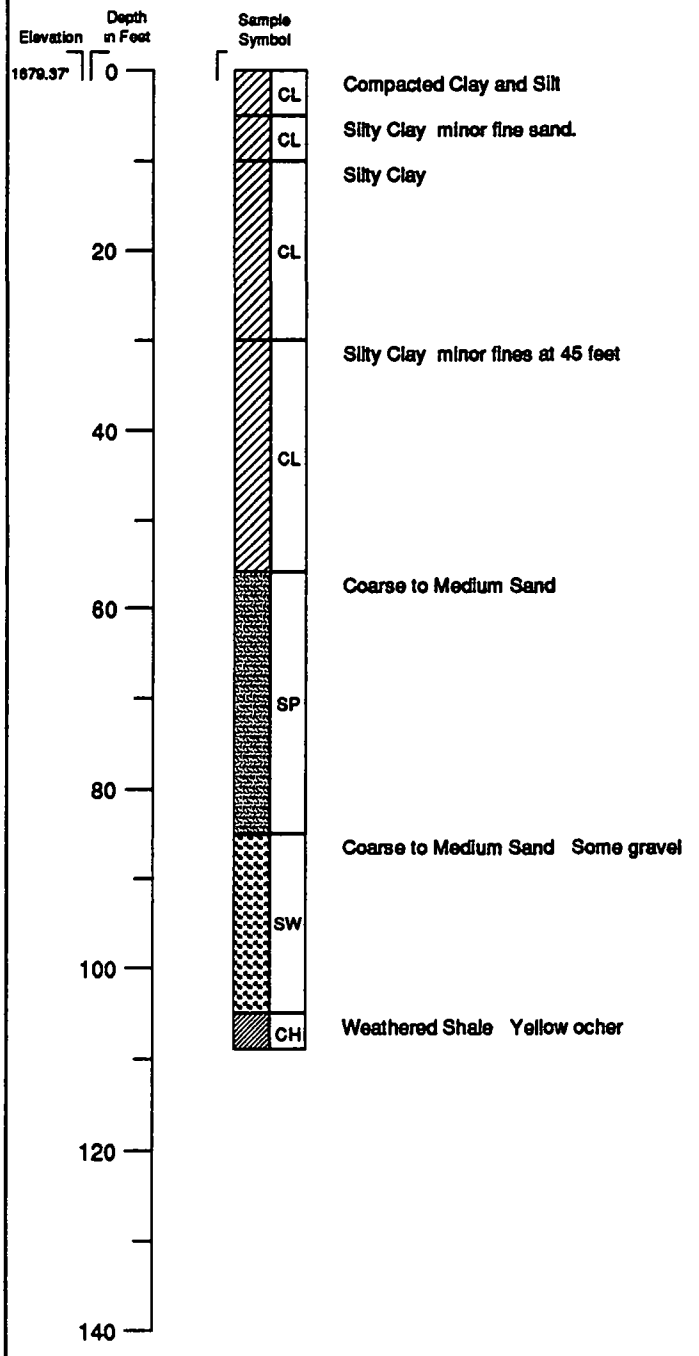
## Boring TMW88-2




Drilled by Grosch Irrigation Co on 8/8/88
D&M Supervision by D Bjerklie

# Geological Log

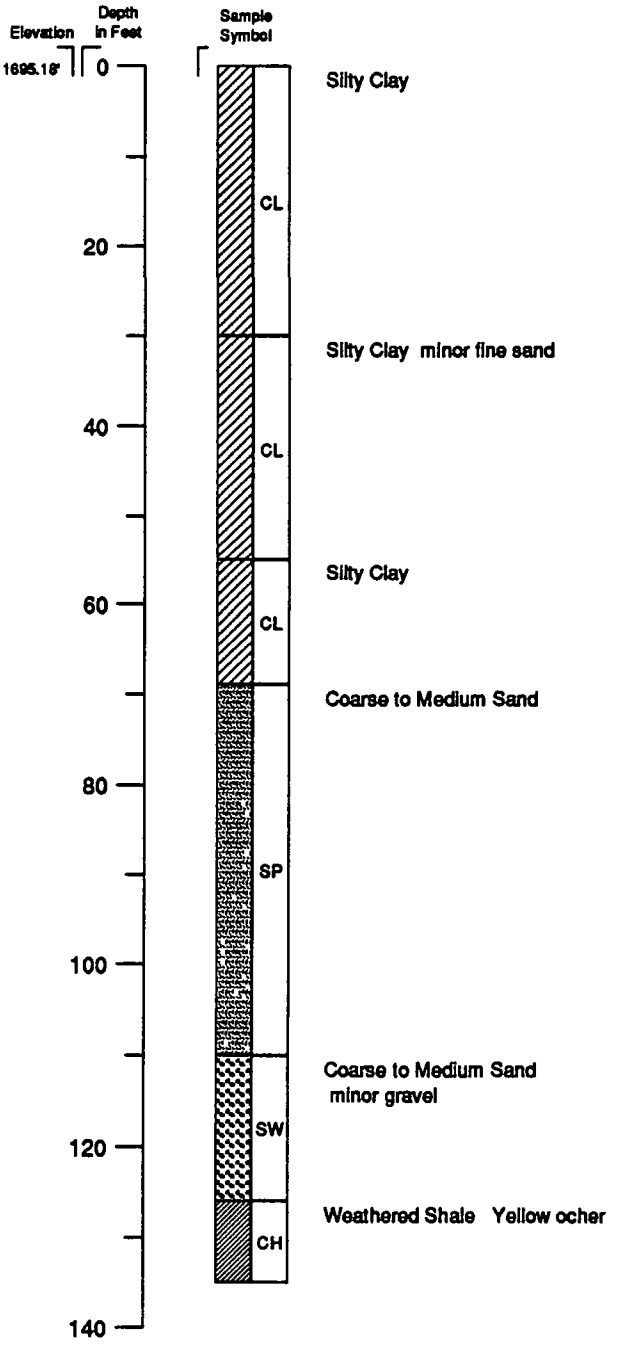
## Boring TMW88-3




NOTE Disturbed cutting samples observed every five feet

Drilled by Grosch Irrigation Co on 8/4/88
D&M Supervision by D Bjerklie

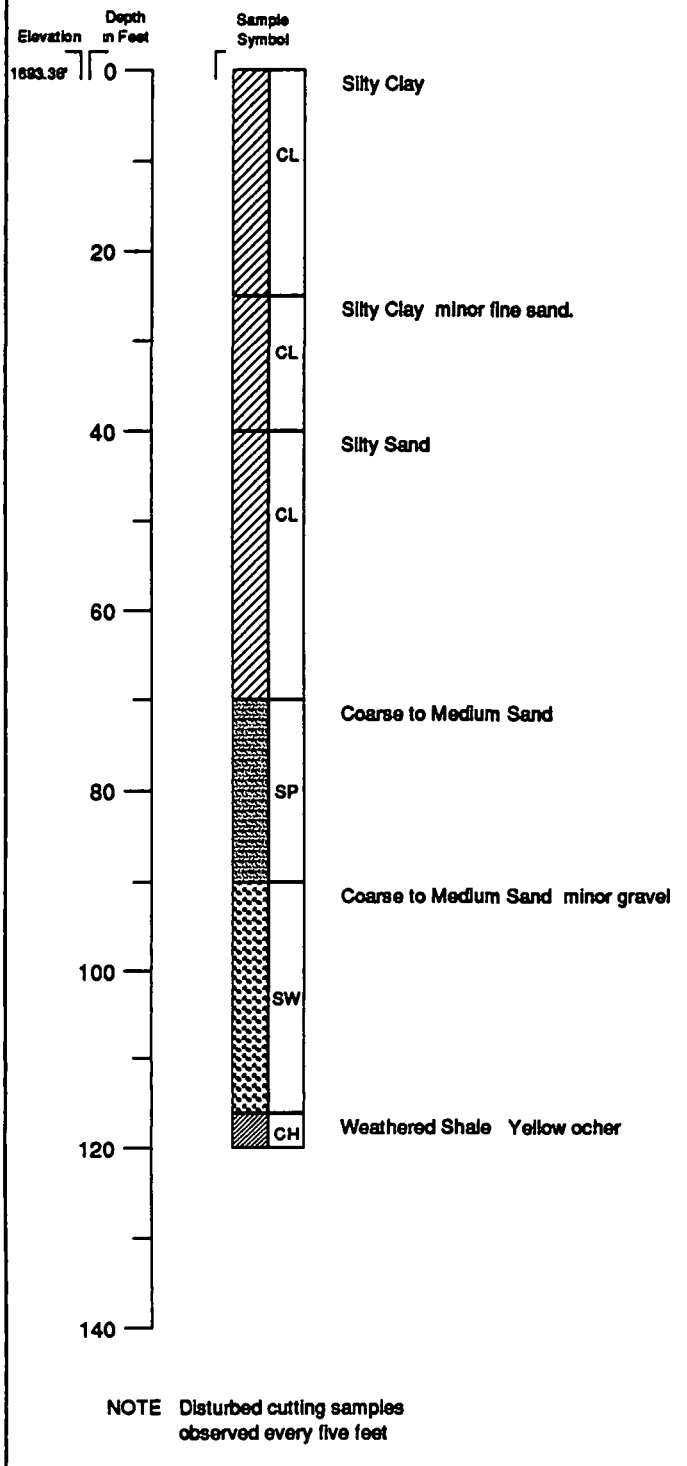
## Boring TMW88-4




Drilled by Grosch Irrigation Co on 8/6/88
D&M Supervision by D Bjerklie

# Geological Log

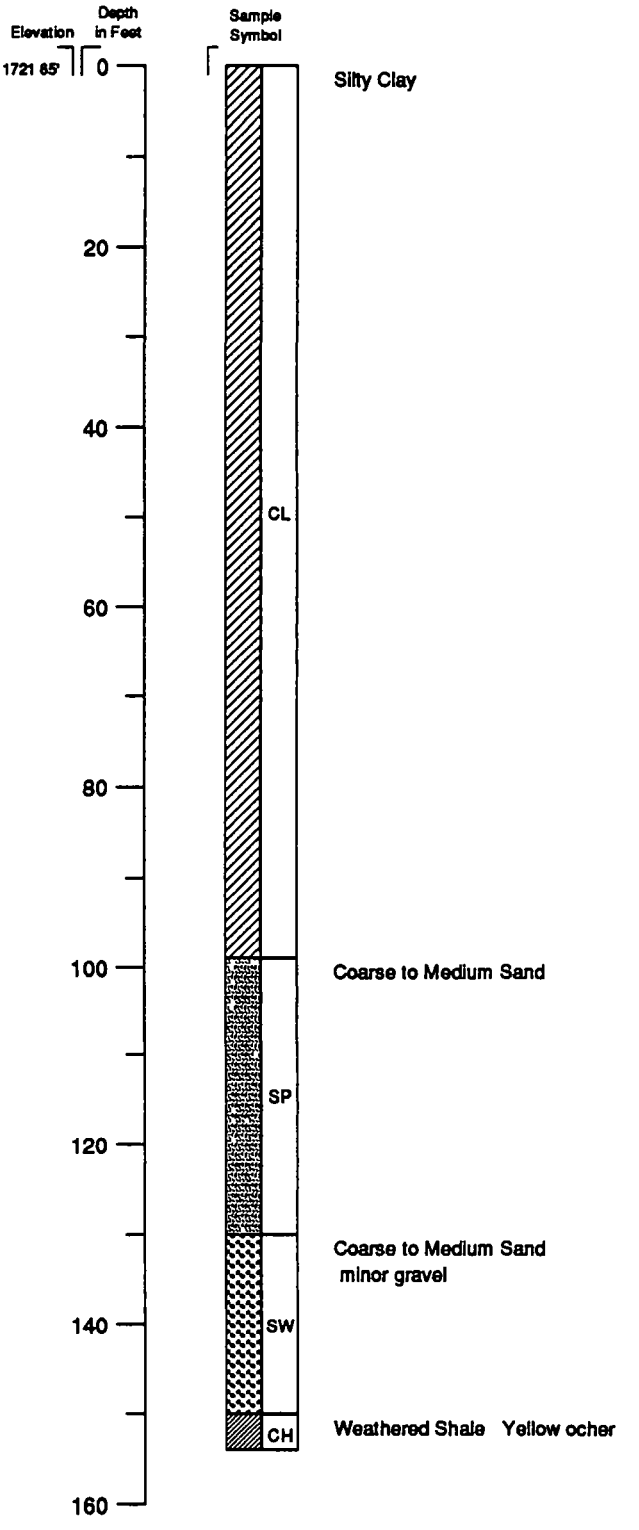
## Boring TMW88-5




NOTE Disturbed cutting samples observed every five feet

Drilled by Grosch Irrigation Co on 8/4/88
D&M Supervision by D Bjerklie

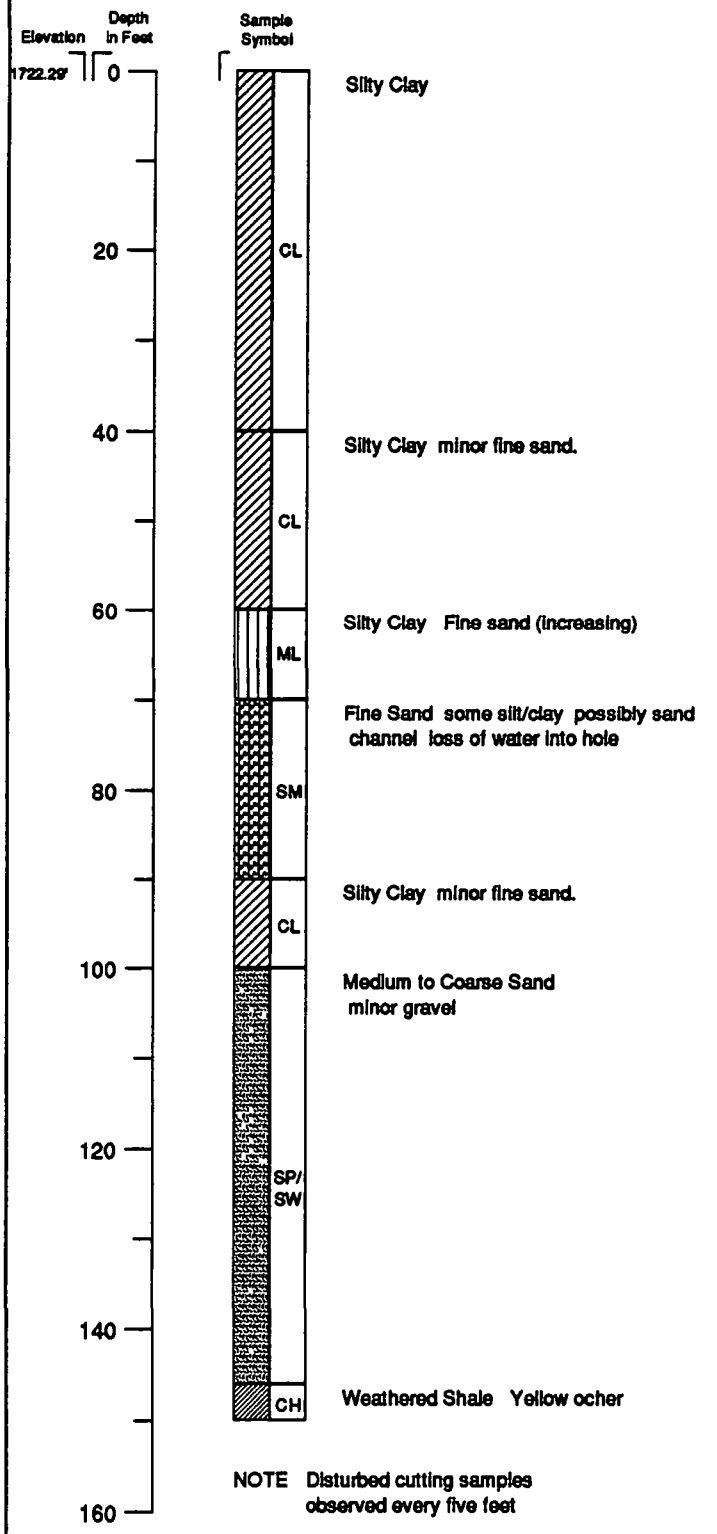
## Boring TMW88-6




Drilled by Grosch Irrigation Co on 8/5/88
D&M Supervision by D Bjerklie

# Geological Log

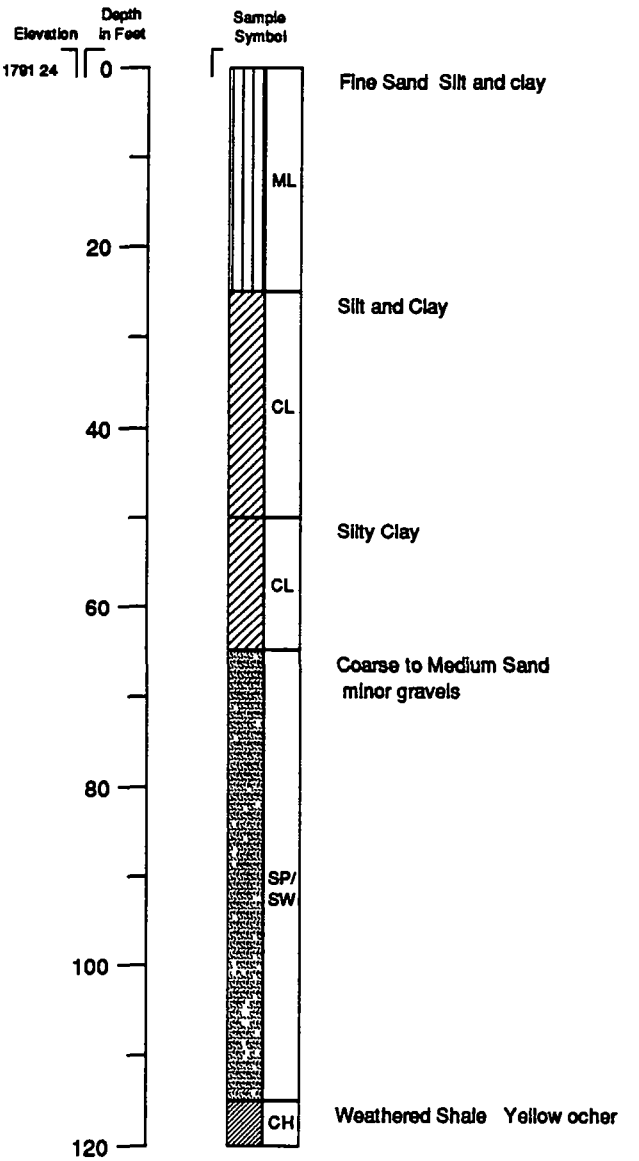
## Boring TMW88-7




NOTE Disturbed cutting samples observed every five feet

Drilled by Grosch Irrigation Co on 8/7/88
D&M Supervision by D Bjerklie

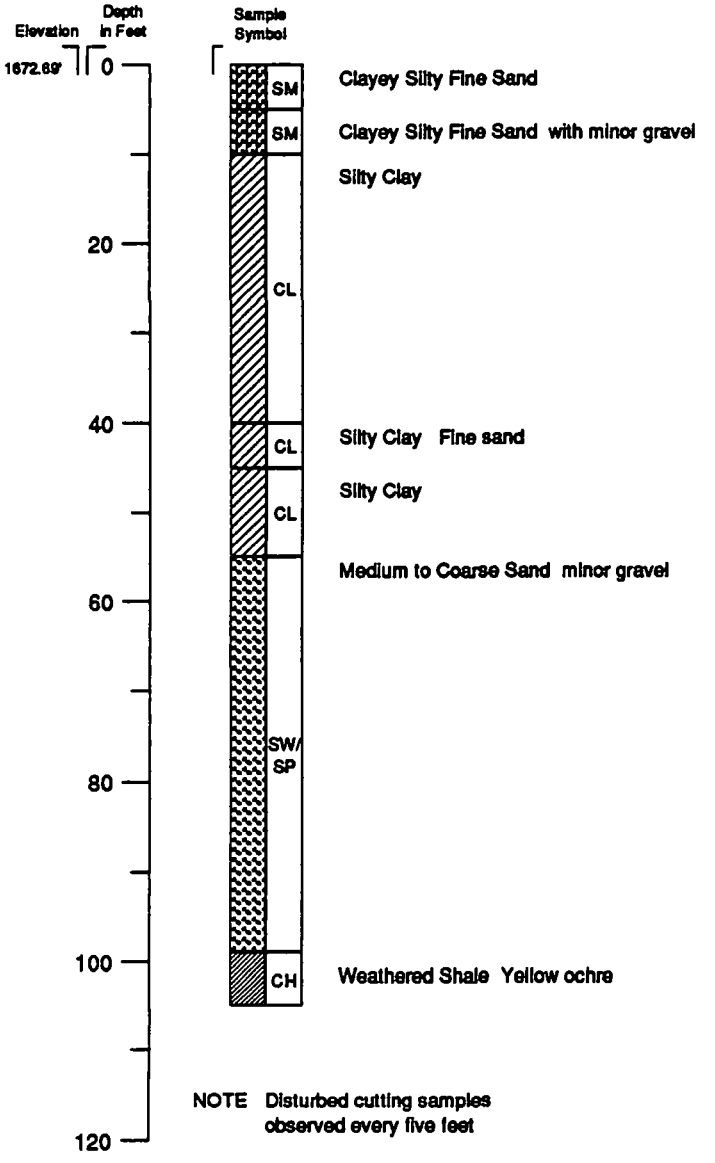
## Boring TMW88-8




Drilled by Grosch Irrigation Co on 8/10/88
D&M Supervision by D Bjerklie

# Geological Log

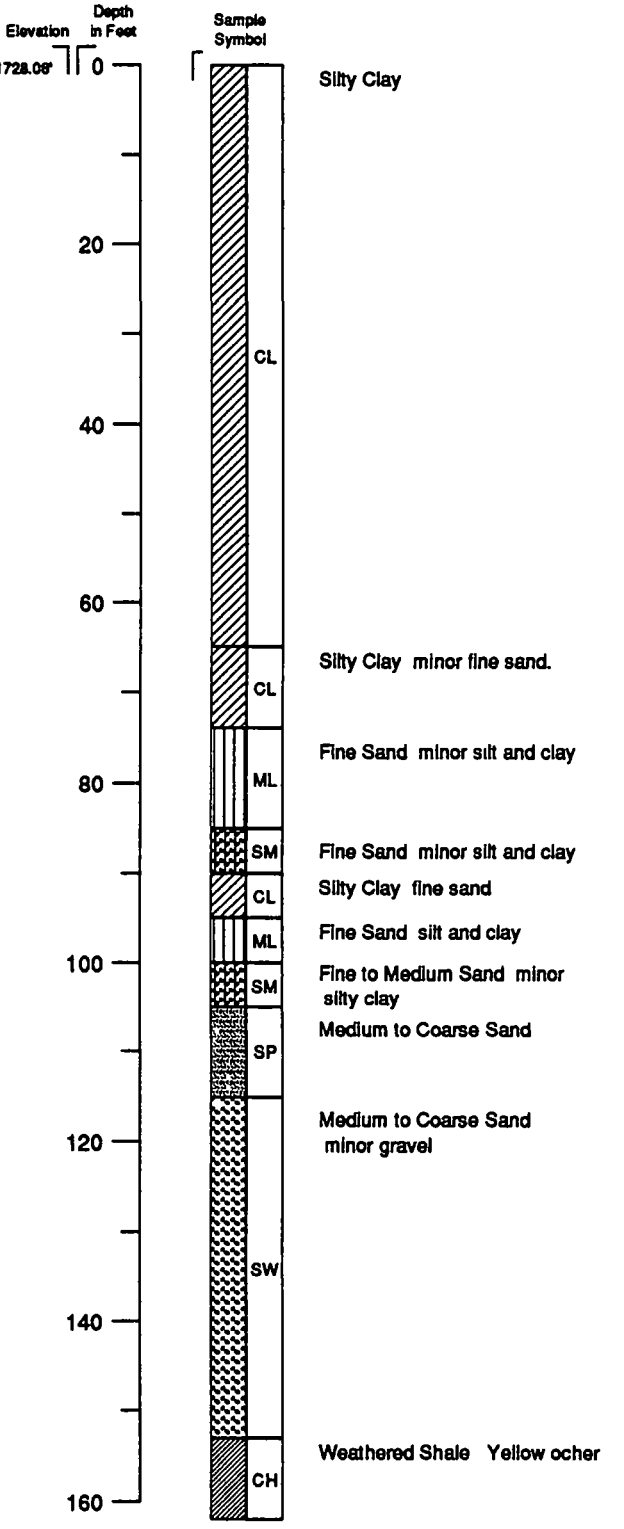
## Boring TMW88-9




NOTE Disturbed cutting samples observed every five feet

Drilled by Grosch Irrigation Co on 8/3/88
D&M Supervision by D Bjerklie

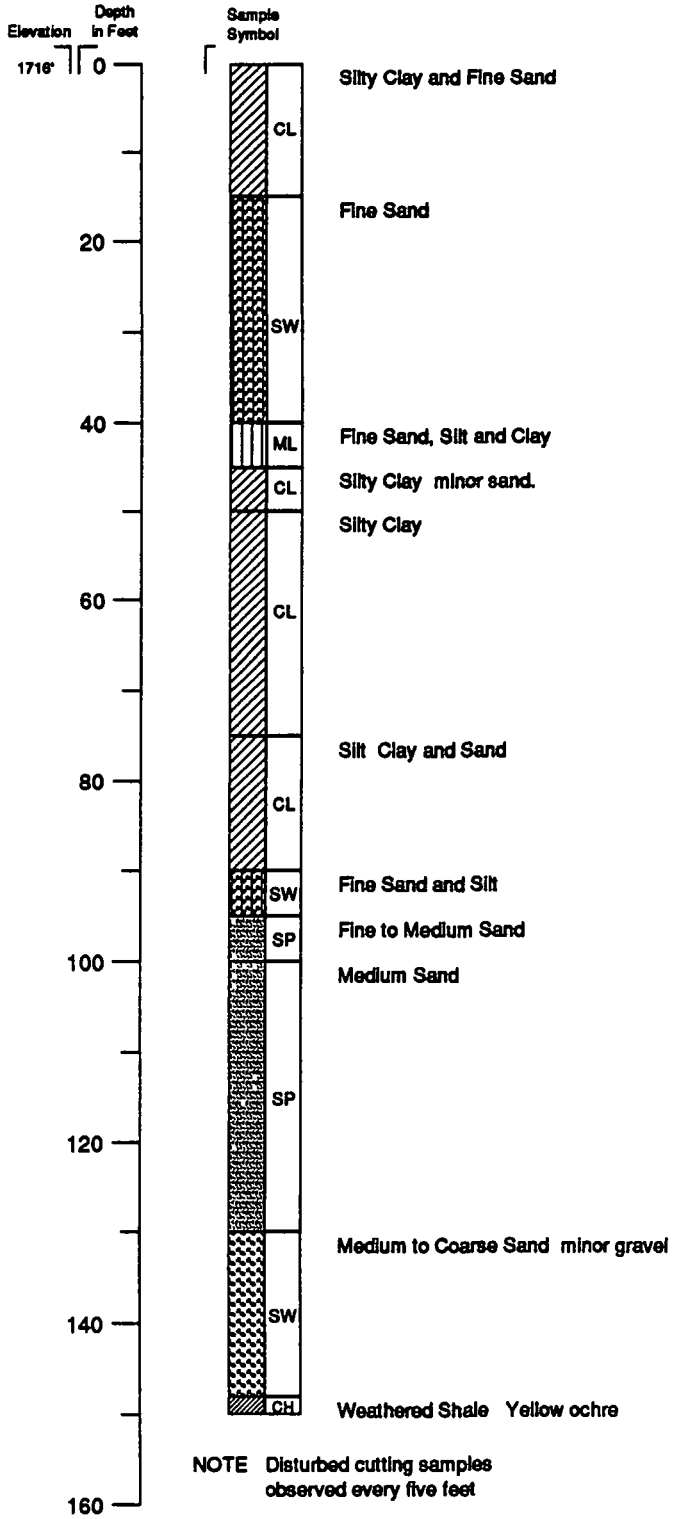
## Boring TMW88-10




Drilled by Grosch Irrigation Co on 8/9/88
D&M Supervision by D Bjerklie

# Geological Log

## Boring TMW88-11




NOTE Disturbed cutting samples observed every five feet

Drilled by Grosch Irrigation Co on 8/11/88
D&M Supervision by D Bjerklie

# APPENDIX I

D TH-2 TH-34 through TH-38

HWS Technologies Inc
LINCOLN OFFICE
825 J St Box 80358
Lincoln NE 68501
402/475-4241

# BORING LOG

PROJECT Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-2 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-9-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 7 | 0 | CL | Silty clay, dk brown, moist, firm, noncalcareous, has slight iron oxide staining at 3' and is wet at 4' | | 0 | 6" straight flight auger<br>Test boring by SB-2<br>Time 3 20-4 50<br>No pH determined from 0 to 40ft |
| 1664 7 | 8 | CL | Silty clay, yellowish brown, wet, firm, slightly calcareous, turns brown to dk brown at 14' and moist Becomes wet again at 18ft, medium plasticity. | | 0<br>0 | |

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Lincoln NE 68501
402/475-4241

# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No TH-2 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-9-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 7 | 20 | CL | Same as above | | 0 | |
| 1649 7 | 23 | CL-ML | Silty clay, brown to dk brown, wet, firm, noncalcareous | | 0 | |
| | | | | | | 27' to water IAD |
| | | | | | 0 | |
| 1634 2 | 38 5 | CL | Silty clay, very dk gray, wet firm, noncalcareous, medium plasticity | | 0 | |

HWS Technologies Inc
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825 J St Box 80358
Lincoln NE 68501
402/475 4241

# BORING LOG

PROJECT Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No TH-2 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 6-9-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1632 7 | 40 | CL | Silty clay, greenish gray, wet, firm-hard, noncalcareous | 6 4 | 0 | 42 2' to cave-in IAD<br>3 inch Shelby Tube #131<br>42 2 to 43 7 ft<br>permeability<br>1 4 x10⁻⁶ cm/sec<br>W=27 9%<br>D=93 5 pcf |
| 1630 5 | 42 2 | CL | Lean clay, olive gray, wet, hard. | | | |
| 1629 0 | 43 7 | | Bottom of Hole | | | |

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402/475-4241

# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-34 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.od Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1679 4 | 0 | | Concrete | | | Between SB-17 and SB-18<br>Time 11 10-11 50<br>No pH or HNU readings taken |
| 1678 9 | 0 5 | CL | Silty clay, very dark gray to black, wet, firm, noncalcareous | | | |
| 1674 4 | 5 | CL | Silty clay, dark grayish brown, wet, hard, noncalcareous | | | |
| 1669 4 | 10 | CL | Silty clay, yellowish brown, moist, firm, calcareous, slight iron oxide staining, calcium carbonate nodules, turns brown at 15 ft | | | |

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825 J St Box 80358
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402/475 4241

# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-34 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1659 4 | 20 | CL | Same as above | | | No pH or HNU readings taken |
| 1656 4 | 23 | ML | Clayey silt, dark yellowish brown, wet, medium firm, calcareous | | | |
| 1655 4 | 24 | CL | Silty clay, dark yellowish brown, wet, medium firm, calcareous | | | |
| 1652 9 | 26 5 | ML | Clayey silt, dark yellowish brown, wet, firm, noncalcareous | | | |
| 1651 4 | 28 | CL | Silty clay, dark yellowish brown, wet, firm, noncalcareous | | | |
| 1645 4 | 34 | ML | Clayey silt, dark yellowish brown, wet, medium firm, slightly calcareous | | | |
| 1641 4 | 38 | CL | Silty clay, dark yellowish brown, wet, medium firm, noncalcareous | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-34 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1639 4 | 40 | CL | Same as above | | | No pH or HNU readings taken |
| 1636 4 | 43 | CL | Silty clay, very dark brown, wet, medium firm, noncalcareous | | | |
| 1633 4 | 46 | CL | Silty clay, olive gray and dark yellowish brown, mottled, wet, hard, noncalcareous, iron oxide and manganese staining | | | |
| 1631 4 | 48 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No TH-35 |
| Undisturbed Soil Sampler 3 in.o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1679 2 | 0 | | | | | |
| 1678 7 | 0 5 | | Concrete | | | Between SB-23 and SB-17<br>Time 12 50-1 50<br>No pH or HNU readings taken |
| | | CL | Silty clay, dark olive gray, moist, hard, noncalcareous | | | |
| 1675 2 | 4 | | | | | |
| | | CL | Silty clay, very dark gray, wet, medium firm , noncalcareous | | | |
| 1667 7 | 11 5 | | | | | |
| | | CL-ML | Silty clay, dark olive gray, wet, firm, noncalcareous | | | |
| 1664 2 | 15 | | | | | |
| | | CL-ML | Silty clay, black with yellowish brown mottling, wet, medium firm , noncalcareous | | | |
| 1662 2 | 17 | | | | | |
| | | CL | Silty clay, black with yellowish brown mottling, wet, hard, noncalcareous, manganese staining | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-35 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1659 2 | 20 | CL | Silty clay, dark yellowish brown with very dark grayish brown mottling, wet, firm, noncalcareous, is medium firm at 25 ft | | | No pH or HNU readings taken |
| 1644 2 | 35 | CL | Silty clay, dark yellowish brown, wet, firm, noncalcareous, is mottled dark brown at 37 ft | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-35 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1639 2 | 40 | CL | Same as above | | | No pH or HNU readings taken |
| 1634 2 | 45 | CL | Silty clay, brown, wet, firm, noncalcareous, 5-10% fine sand, manganese particles, few angular feldspars | | | |
| 1631 2 | 48 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test - | | Boring No TH-36 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1682 9 | 0 | | Concrete | | | |
| 1682 4 | 0 5 | CL | Silty clay, dark grayish brown, wet, hard, calcareous, calcium carbonate nodule s, iron oxide staining, has very dark gray mottling at 3 ft | | | Just south of shipping building<br>Time 2 00-3 15<br>No pH or HNU readings taken |
| 1678 9 | 4 | CL | Silty clay, brown, moist, hard, very calcareous, calcium carbonate nodules, low plasticity | | | |
| 1666 9 | 16 | CL-ML | Silty clay, brown, moist, med firm, very calcareous, very small calcium carbonate nodules. | | | |
| 1664 9 | 18 | CL | Silty clay, brown, wet, medium firm, calcareous | | | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No TH-36 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1662 9 | 20 | CL, ML, SP | Silt, clay and sand lenses inter-bedded, brown to dark brown, moist, hard, roncalcareous, sand lenses (1/8"-1/4" thick) fine grained, dry, very dense, slight iron oxide and manganese staining | | | No pH or HNU readings taken |
| 1654 9 | 28 | CL | Silty clay, brown, wet, firm, noncalcareous | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-36 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.od Split-barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1642 9 | 40 | CL-ML | Silty clay, brown, wet, medium firm, noncalcareous | | | No pH or HNU readings taken |
| 1638 9 | 44 | ML | Clayey silt, brown, wet, med firm,, noncalcareous, slight iron oxide and manganese staining | | | |
| 1637 9 | 45 | CL | Silty clay, brown, wet, firm, noncalcareous, slight manganese staining | | | |
| 1636 9 | 46 | CL | Silty clay, brown w/gray mottling, wet, hard, noncalcareous, slight manganese staining, 5% medium grained angular feldspars | | | |
| 1634 9 | 48 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-37 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-27-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1676 8 | 0 | CL | Silty clay, dark yellowish brown, moist, firm, noncalcareous | 6 99 | | North of SB-14<br>Time 2 45-3 40<br>No HNU readings taken |
| 1672 8 | 4 | CL | Silty clay, yellowish brown, moist, firm, calcareous, calcium carbonate nodules | 7 38<br>7 28 | | |
| 1658 8 | 18 | CL | Silty clay, dark yellowish brown, moist, firm, calcareous | 7 37 | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-37 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-27-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1565 8 | 20 | CL | Same as above | | | No HNU readings taken |
| | | | | 7 35 | | |
| | | | | 7 38 | | |
| 1646 8 | 30 | CL | Silty clay, brown, wet, firm, noncalcareous, slight manganese staining | | | |
| | | | | 7 35 | | 33 5 ft to water 8-1-88 |
| | | | | | | 36 4 ft to cave-in 8-1-88 |
| 1639 8 | 37 | SP | Sand, brown, wet, dense, non-calcareous, fine to medium grained, mostly quartz | | | |
| | | | | 7 23 | | |
| 1637 8 | 39 | CL | On next page | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No TH-37 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-27-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1636 8 | 40 | CL | Silty clay, brown, wet, medium firm, noncalcareous | 7 37<br>7 28<br>7 20 | | No HNU readings taken |
| 1632 8 | 44 | CL | Silty clay, brown, wet, firm, noncalcareous, 10% gravels (angular feldspars) | | | |
| 1628 8 | 48 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No TH-38 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-28-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1678 5 | 0 | CL | Silty clay, dark yellowish brown moist, firm, noncalcareous | | | Just East of SB-35<br>Time 10 00-11 30<br>No pH or HNU readings taken |
| 1674 5 | 4 | CL | Silty clay, yellowish brown, moist, firm, calcareous, calcium carbonate nodules, dark yellowish brown at 13 ft | | | |

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No TH-38 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-28-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1658 5 | 20 | CL | Same as above but noncalcareous. | | | No pH or HNU readings taken |
| 1652 5 | 26 | CL | Silty clay, brown, wet, firm, calcareous | | | 31 5 ft to water IAD |
| 1644 5 | 34 | ML | Clayey silt, brown, wet, medium firm, noncalcareous | | | 34 2 ft to water<br>34 6 ft to cave-in<br>8-1-88 |
| 1642 5 | 36 | CL | Silty clay, brown, wet, firm, noncalcareous | | | 36 4 ft to cave-in IAD |
| 1640 5 | 38 | | Sand, brown, wet, dense, noncalcareous, fine-grained | | | |
| 1640 0 | 38 5 | SP | | | | |
| | | CL | Silty clay, grayish brown, wet, firm, noncalcareous, iron oxide staining | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No TH-38 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-28-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1638 5 | 40 | CL | Silty clay, brown, wet, firm, noncalcareous, iron oxide staining, slight manganese staining | | | No pH or HNU readings taken |
| 1634 5 | 44 | CL | Sandy clay, brown, wet, hard, noncalcareous, 30% fine to coarse sand. | | | |
| 1632 5 | 46 | SP | Clayey sand, brown, wet, dense, noncalcareous, 40% fines, few angular feldspars | | | |
| 1630 5 | 48 | | Bottom of Hole | | | |

## APPENDIX I

E Soil Borings Sb-1 through SB-38

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# BORING LOG

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| | | |
|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | Boring No SB-2 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 6-10-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 5 | 20 | CL | Same as above | | 0 | |
| 1650 5 | 22 | CL | Same as above but is dk yellowish brown with lt gray to gray mottling, has iron oxide staining in porous rootlet and becomes dk yellowish brown at 24', low plasticity | 6 89<br>6 56<br>6 79 | 0 | 26 0 ft to water 6-23-88<br>28 7ft to water 6-28-88 |
| 1640 5 | 32 | ML-CL | Clayey silt, dk yellowish brown, wet, firm, noncalcareous, slight manganese staining | | 0 | |
| 1639 5 | 33 | CL | Silty clay, yellowish brown, wet, firm, noncalcareous, slight manganese staining, becomes laminated at 36 5' | 6 49 | 0 | |
| 1634 5 | 38 | CL | Lean clay, grayish brown, wet, firm | | 0 | 6 Inch Shelby Tube<br>38 to 43 ft<br>W=33 6%<br>D=87 3 pcf |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-2 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-10-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1632 5 | 40 | CL | Same as above | | | 6" Shelby Tube 38 to 43 ft |
| 1632 0 | 40 5 | CL | Silty clay, dk grayish brown, wet, hard, noncalcareous | | | W=33%<br>D=86 4 pcf |
| 1630 5 | 42 | CL | Silty clay, dk gray to dk greenish gray, wet, hard, noncalcareous medium plasticity. | 6 65 | 0 | |
| 1629 5 | 43 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-3 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-14-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1677 1 | 0 | CL | Silty clay, yellowish brown, moist, med firm, very calcareous, 10-15% fine gravel, caliche, iron oxide staining | | 0 | 6" straight flight auger |
| 1671 1 | 6 | CL | Silty clay, yellowish brown, moist, firm, very calcareous, blocky texture, is only slightly calcareous at 12' and wet at 17', medium plastic | 7 16 | 0 | |
| | | | | | 0 | |
| | | | | 7 30 | 0 | |

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|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No SB-3 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 6-14-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1657 1 | 20 | CL | As above w/ snail shells | | | |
| 1656 1 | 21 | CH | Fat clay, brown-dk brown, moist hard, noncalcareous, snail shells, becomes yellowish brown at 23' | 7 32 | 0 | Hole caved (dry) 23 5 ft on 7-18-88 |
| 1653 1 | 24 | CL | Silty clay, yellowish brown, wet firm, noncalcareous, snail shells | | 0 | Hole caved (dry) at 25 2ft on 7-29-88 |
| 1650 1 | 27 | ML | Clayey silt, yellowish brown, wet, med firm, calcareous, iron oxide staining, turns more clayey (CL-ML) at 29' | 7 08 | 0 | Hole caved (dry) 28 7ft on 6-28-88 |
| 1645 6 | 31 5 | ML | Clayey silt, light olive brown, wet, med firm, noncalcareous, slight iron oxide staining | 6 78 | 0 | |
| 1642 6 | 34 5 | SP | Clayey sand, brown, wet, dense, noncalcareous, fine grained, 10% fines | | | |
| 1641 6 | 35 5 | CL | Sandy clay, lt olive brown, wet, med firm, noncalcar , 30% fine sand | | | |
| 1641 1 | 36 | SP | Sand, brown, wet, dense, non-calcareous, fine sand, 10% fines, mostly quartz | 5 41 | 0 | |
| 1637 6 | 39 5 | CL-ML | Sandy silty clay, lt yellowish brown, wet, med firm, noncal-careous, 30% fine sand | | 0 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-1 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-9-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1677 9 | 0 | CL | Silty clay, very dk grayish brown, moist, firm, non-calcareous | 7 2 | 0<br>0<br>0 | 6 25 inch Hollow Stem continuous sampler<br>North of Site in Bean Field<br>Time 9 50-2 30<br>Geologist Gregg Brettmann<br>Driller Tim Thomssen<br>Helpers Dana Cranford<br>Greg Wesphal, Brian Kliment, Dan Thomson, Russ Gasper, Jeff Kohn<br>Lab Techs Rick Wozniak, Steve Bornemeier, Tracy Sizemore |
| 1672 9 | 5 | CL-ML | Silty clay, brown, moist, firm, slightly calcareous, vertical fracturing, porous rootlets | 7 08 | 0<br>0 | |
| | | | caliche at 8 ft soil is very calcareous, friable texture low plasticity | 7 36 | 0<br>0<br>0 | |
| | | | Silty zone 15-15 5' with 1" bedding and horizontal parting | | 0<br>0 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-1 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-9-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1657 9 | 20 | CL | Silty clay, brown-dk brown w/ yellowish brown mottling, moist firm, noncalcareous, becomes yellowish brown and horizontally bedded at 22 ft , wet at 23 ft | 7 08 | 0<br>0 | 24 3 ft to water IAD |
| 1652 9 | 25 | ML-CL | Clayey silt, brown, wet, firm, noncalcareous, slight manganese staining | 6 63 | 0 | |
| 1648 9 | 29 | CL | Silty clay, dk yellowish brown, wet, firm-hard, noncalcareous, turns yellowish brown | 5 81 | 0<br>0<br>0 | 30 5 ft to water 6-22-88<br>32 3 ft to water 6-28-88<br>33 2 ft to water 7-18-88<br>33 7 ft to water 7-29-88 |
| 1642 9 | 35 | CL-ML-SP | Interbedded silty clay, clayey silt and sand lenses, yellowish brown, wet, firm, noncalcareous sand yellowish brown, wet, dense, | | 0 | 36 8 ft to cave-in IAD |
| 1640 9 | 37 | SP-SM | fine grained w/10% med coarse sand, 10% fines, iron oxide stained. | 5 68 | 0 | 6" straight flight au |
| 1638 9 | 39 | ML-CL | Silty sand, brown, wet, dense, fine grained, 20% fines, slight iron oxide staining, mostly quartz, 10-15% others | | | |

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|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No SB-1 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 6-9-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1637 9 | 40 | ML-CL | Clayey silt, yellowish brown, wet, firm, noncalcareous | | 0 | ph not determined from 40 to 58 ft |
| 1632 9 | 45 | CL | Silty clay, yellowish brown, wet, firm, noncalcareous | | 0 | |
| | | | | | 0 | |
| 1623 9 | 54 | SP | Poorly graded sand, wet, very dense, med to coarse grained, 10% fine gravel (angular feldspar grains) | | 0 | |
| 1619 9 | 58 | | Bottom of Hole | | | |

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# BORING LOG

PROJECT Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No SB-2 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 6-10-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 5 | 0 | CL | Silty clay, dk grayish brown, moist, firm, noncalcareous, slight iron oxide staining, organics, insects, 1" size pebbles, becomes laminated to thinly bedded at 3' with iron oxide staining in bedding planes Interbedded silt lenses at 4' | | 0 | 6 25" hollow stem continuous sampler next to TH-2 Time 8 30-12 00 |
| 1665 5 | 7 | CL-ML | Silty clay, dk gray, moist, firm, very slightly calcareous, laminated, fissle texture (like a shale), very dk gray, porous with rootlets in dk grayish brown matrix at 11', becomes siltier with depth | 6 55 | 0 | |
| | | | | 7 01 | | |
| 1660 5 | 12 | CL | Silty clay, brown to dk brown, moist, firm, noncalcareous, roots (¼" size) iron oxide staining along the roots (porous) is wet at 15' and has a blocky texture at 20', low plasticity | | 0 | |
| | | | | | 0 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-3 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-14-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1637 1 | 40 | SP | Sand, pale brown, wet, dense, noncalcareous, fine sand, <10% fines | 5 27 | 0 | |
| 1634 6 | 42 5 | ML | Silt, very pale brown, wet, firm, noncalcareous | | 0 | |
| 1632 1 | 45 | CL | Sandy clay, strong brown, wet, med firm, noncalcareous, 30% fine-med sand | 4 12 | 0 | |
| 1630 1 | 47 | SC | Clayey sand, pale brown, wet, dense, noncalcareous, fine-med sand, 5% coarse sand | 3 95 | 0 | |
| 1629 1 | 48 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No SB-4 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1676 5 | 0 | CL | Silty clay, yellowish brown, moist, med firm, very calcareous, 15% fine sand to gravel, turns light yellowish brown at 4' | 5 48 | 0 | | 6" st ight flight auger<br>Just east of North Cell,<br>North of Recovery Well<br>Time 8 00-12 30 |
| 1668 5 | 8 | CL | Silty clay, very pale brown, moist, med firm, very calcareous, iron oxide and manganese staining | 5 64 | 0 | | |
| 1664 0 | 12 5 | SC | Clayey sand, brown, moist, med dense, fine grained sand, 25% fines, calcareous | 6 41 | 0 | | |
| 1661 5 | 15 | SP | Sand, very pale brown, moist, loose, noncalcareous, fine grained, <10% fines, 90% quartz, some feldspar & manganese nodules, Clayey sand interbedded with few clean sand (SP) lenses | 5 38<br>3 58<br>5 30 | 0<br>0 2<br>0 | Blows<br>5<br>4 N = 7<br>3 | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-4 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1656 5 | 20 | SP | Same as above | | | | |
| | | | Interbedded sandy clay to clay lenses, also zones of extensive manganese staining and nodules, size calcium carbonate nodule medium dense | 5 31 ½" | 0 | 7<br>11<br>12 | N=23 |
| 1649 0 | 27 5 | | | 3 08 | 0 | | Hole caved (dry) @ 25 1ft. 7-29-88 |
| | | SC | Interbedded sandy clays & clayey sand, lt yellowish brown, wet, med dense, noncalcareous, fine grained 45% fines, wet at 29' | 2 81 | 0 | 5<br>7<br>4 | N=11<br>Hole caved (dry) 28 5ft on 6-28-88 |
| 1645 5 | 31 | CL | Sandy clay with interbedded clean sands (SP), pale brown, wet, hard, noncalcareous, 40% fine sand | 3 06<br>3 29 | 0<br>0 | 14<br>19<br>23 | N=42 |
| 1642 5 | 34 | SM | Silty sand, brown, wet, dense, noncalcareous, 20% fines, fine grained | 2 18<br>3 15 | 0<br>0 | | |
| 1641 0 | 35 5 | ML | Sandy silt, very pale brown, wet, med firm, noncalcareous, 30% fine sand | 3 16 | 0 | | |
| 1639 5 | 37 | CL | Silty clay, grayish brown, wet, firm, noncalcareous, heavy iron oxide staining, medium plasticity | 2 92<br>2 94<br>3 35 | 0<br>0<br>0 | | |

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| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-4 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1636 5 | 40 | CL | Silty clay, light yellowish brown, moist, firm, 5% fine sand, | 3 57 | | 3 inch Shelby Tube-#120, 40-42 ft W=17 2% D=109 2 pcf |
| 1634 5 | 42 | | Bottom of Hole | | | permeability=1 5x10^-5 cm/s |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-5 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-17-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 4 | 0 | | Concrete | | | 6" straight flight auger |
| 1671 9 | 0 5 | CL | Silty clay, yellowish brown, moist, med firm, calcareous, slight iron oxide staining Becomes noncalcareous with depth ar- has gray mottling at 9' | 7 28 | 0 | East of the South Cell Time 10 00-1 30 |
| | | | | 7 40 | 0 | |
| | | | | 6 95 | 0 | Hole caved (dry) @ 13 0 ft on 7-29-88 |
| 1658 4 | 14 | SP | Sand, lt yellowish brown, moist, med dense, noncalcareous fine grained, predominately quartz, less than 10% silt | 6 92 | 0 | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-5 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-17-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1652 4 | 20 | SP | Same as above | | | | |
| 1649 4 | | | | 6 96 | 0 4 | | |
| | 23 | SP-CL | Interbedded clay lenses (¼" thick) yellowish brown, wet, medium firm, noncalcareous, manganese staining, w/depth the clay lenses become thicker and the sands are clayey and fine grained with 30-40% fines | | | 3<br>3<br>4 | N=7 |
| | | | | 5 10 | | | |
| 1644 4 | 28 | | | | 0 | | 26 9 ft to water on 6-29-88 |
| | | SM | Interbeded sand, clay and silt lenses, sands are now very silty (40% fines), loose | | | 4<br>4<br>5 | N=9<br>29 3 ft to water on 7-18-88 |
| | | | | 3 08 | 0 | | |
| 1638 9 | 33 5 | | | | | 5 | |
| | | CH | Clay, grayish brown, wet, firm, noncalcareous, heavy iron oxide staining (blue clay) | | | 7<br>8 | N=15 |
| | | | | 4 05 | 0 | | |
| | | | | | | | 36 0 ft to cave in on 7-18-88 |
| 1634 4 | 38 | | | 3 42 | 0 2 | | |
| | | SC | Clayey sand, brown-dk brown, wet, med dense, fine-grained 20% fines | 3 60 | 0 | | 3 inch Shelby Tube-#834, 38-40ft |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-5 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-17-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1632 4 | 40 | CL-CH | Clay with sand, brown, wet, stiff, noncalcareous, 10% fine sand | 3 43 | 0 | | |
| | | | | 3 72 | 0 | | |
| 1629 4 | 43 | CL | Sandy clay, pinkish gray, moist, hard, 35% fine sand | 3 59 | 0 | | 3 inch Sehlby Tube-#827, 43-45 ft |
| | | | | | | | Permeability 1 3x10-4 cm/se |
| 1627 4 | 45 | CL | Sandy clay, brown, wet, hard, 5% fine gravel, 20% sand | | | | W=16 6% |
| | | | | | | | D=112 2 pcf |
| | | | | | | 10 | |
| | | | | | | 12 | N=26 |
| | | | | | | 14 | |
| 1625 9 | 46 5 | | Bottom of Hole | | | | |

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# BORING LOG

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|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No SB-6 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 6-16-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 4 | 0 | | Concrete | | | 6" Straight flight auger |
| 1671 9 | 0 5 | CL-CH | Lean clay, brown to dk brown, moist, firm, noncalcareous, trace of silt, high plasticity | 7 10 | 0 | South of MW 87-7<br>Time 8 00-4 00 |
| 1668 4 | 4 | CL | Silty clay, yellowish brown, moist, firm, calcareous, medium plasticity | | | |
| 1664 4 | 8 | CL | Silty clay, brown, moist, firm very calcareous, low plasticity | 7 13 | 0 | |
| 1660 4 | 12 | CL | Silty clay, brown, moist, firm, calcareous, carbonate nodules 1/8" size), high plasticity<br>calcium carbonate cemented rootlet (shape of gourd ½ inch size) | 6 78<br>7 13 | 0<br>0 | |
| 1654 4 | 18 | ML | Clayey silt, yellowigh brown, moist, med firm, calcareous | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-6 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-16-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 4 | 20 | ML | Wet at 20', dk brown mottling, (possible silt lens of another color) | | | |
| 1649 4 | 23 | | | | trace | |
| | | CL | Silty clay, yellowish brown, wet med firm, calcareous Becomes mottled grayish brown with iron oxide staining at 25' | 6 89 | 1 0 | |
| | | | | 7 15 | 1 | |
| 1644 4 | 28 | | | | | 28 0 ft to water on 6-28-88 |
| | | CL | Silty clay, yellowish brown with grayish brown mottling, wet, firm, calcareous, manganese and iron oxide staining | | | Hole caved (dry) @ 32 1 ft on 7-29-88 |
| | | | | | | 33 5 ft to water on 7-18-88 |
| | | | | 6 99 | 1 | |
| 1638 4 | 34 | | | | | 3 25" hollow stem auger began at 34' |
| | | SC | Sand with clay, brown, wet, dense, noncalcareous, fine grained, 15% fines | | | |
| | | | | 7 08 | 1 | |

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| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-6 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.o.d. Split barrel Sampler | | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-16-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1632 4 | 40 | SC | Same as above | | | | |
| 1629 4 | 43 | CL | Sandy clay, wet, yellowish brown, hard, noncalcareous, 45% fine sand | 3 70 | 0 | 6<br>8<br>12 | N=20 |
| 1627 9 | 44 5 | SM-SP | Silty sand, light yellowish brown, moist, dense, fine grained, 5-10% coarse sand and gravel | 3 73 | 0 | | Permeability 7 7x10-6cm/<br>3 inch Shelby Tube-<br>#846, 44 5-47 5 ft<br>50% recovery<br>W=17 6%<br>D=111 6 pcf |
| 1624 9 | 47 5 | | Bottom of Hole | | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-7 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1670 8 | 0 | CL | Topsoil | | | 6 inch straight flight auger |
| 1669 8 | 1 | CL | Silty clay, brown, moist, med stiff, calcareous 5-10% find sand Becomes black and wet at 4 ft with gravels | 6 90 | 0 | SW Corner of Main plant (office area) Time 10 45-4 00 |
| 1664 8 | 6 | ML | Clayey silt, yellowish brown, moist, med stiff, very calcareous, steel wire at 7 ft | 7 10 | 0 | |
| 1663 3 | 7 5 | CL | Silty clay, dark yellowish brown, moist, firm, slightly calcareous Becomes yellowish brown and more silty at 12 ft Wet at 18 ft | 7 04 | 0 | |
| 1652 3 | 18 5 | | | 7 13 | 0 | |
| | | ML | Clayey silt, yellowish brown wet, med firm, very slightly calcareous | | | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-7 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1650 8 | 20 | ML | Same as above but dk yellowish brown, also has a saturated zone from 20-20 5 feet | 7 14 | 0 | Hole caved (dry) 23 2 ft on 6-28-88 |
| | | | | 6 94 | 0 | |
| 1642 8 | 28 | ML | Clayey silt, brown, wet, med firm, very slightly calcareous, small manganese nodules ~~fragments~~ with carbonate nodules, brown to dk brown at 33 ft | 7 01 | 0 | |
| 1636 8 | 34 | CL-ML | Silty clay, dk yellowish brown, wet, med stiff, noncalcareous, low to medium plasticity, manganese nodules, iron oxide nodules (1/8" size) | 7 12 | 0 | |
| 1632 8 | 38 | ML | Clayey silt, dk yellowish brown, wet, noncalcareous | | | |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-7 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1630 8 | 40 | CL | Silty clay, wet, med firm, olive brown, noncalcareous, iron oxide stained nodules, manganese nodules | 7 27 | 0 | |
| 1627 8 | 43 | CL | Lean clay, olive gray, wet, firm, very silty | | 0 | 3 inch Shelby Tube #803, 43-45ft Permeability 1 3x10⁻6 cm/sec W=27 6% D=94 7 pcf |
| 1625 8 | 45 | ML | Clayey silt, dk grayish brown, wet, med firm, dark olive gray at 46 ft | | | |
| 1624 8 | 46 | ML-SP | Interbedded silts & sands, yellowish brown, wet, dense, fine grained, iron oxide staining, manganese nodules | 7 19 | 0 | 3 inch Shelby Tube- #830, 48-49ft W=13 6% D=118 8 pcf Permeability-1 2x10⁻6 cm/sec |
| 1622 8 | 48 | SW | Graded sand, brown, wet, dense coarsens with depth, 10% fines | | | |
| 1621 8 | 49 | | Bottom of Hole | | | |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-8 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-8-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 3 | 0 | | Concrete | | | |
| 1671 3 | 0 5 | ML | Silt, yellowish brown, moist, firm, very calcareous, laminated, porous with rootlets | | 0 | 6 25" hollow stem continuous sample<br>Southeast corner of the Main Plant<br>Time 10 00-3 30 |
| | | | | 7 54 | 0 | |
| 1668 8 | 4 | CL-ML | Silty clay, yellowish brown, moist, firm, calcareous, laminated, porous with rootlets | | 0 | |
| 1664 8 | 8 | CL | Silty clay, yellowish brown, moist, firm, calcareous, carbonate filled fractures and/or rootlets with some void spaces, porous with rootlets at 12 ft | 7 37 | trace | |
| | | | | | 0 | |
| | | | | 7 51 | 0 | |
| 1657 8 | 15 | CL | Silty clay, yellowish brown, moist, firm, friable | | 0 | |
| | | | | | 0 | |

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| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-8 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-8-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 8 | 20 | CL-ML | Same as above but is more silty with some cemented nodules, and wet, (vadose zone) at 21' and porous with rootlets | 7 36 | 0 | |
| 1650 8 | 22 | CL | Silty clay, yellowish brown & gray mottled, wet, firm-hard, calcareous, horizontal lamination, slight iron oxide & manganese staining | | 0 | |
| 1647 3 | 25 5 | CL | Same as above, but is thinly bedded below a ¼" thick fine grained sand lense Also contains iron oxide nodules | 7 46 | 0 | Hole caved (dry 25 8 ft on 6-28-88 |
| 1642 8 | 30 | | | 7 50 | 0 | 28 ft to water IAD |
| 1641 8 | 31 | CL | Same as above with a 3" thick zone extensively stained with iron oxide & manganese Also 1' thick sand lense at 30 5 ft | 6 43 | 0 | |
| | | ML-SM | Sandy silt , yellowish brown, wet, dense, 40% fine sand | | 0 | 33 0 ft to cave in IAD |
| 1637 8 | 35 | CL-ML-SP | Interbedded clay, silt and sand seams, clay, yellowish brown, wet, firm, medium plasticity<br>Silt, yellowish brown, wet, firm<br>Sand, yellowish brown, wet, dense, find grained, mostly quartz | | 0 | |

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| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-8 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-8-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1632 8 | 40 | CL-ML-SP | Same as above | 6 97 | 0 | |
| 1630 3 | 42 5 | | Bottom of Hole | | | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-9 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-7-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1668 2 | 0 | | | | | |
| 1667 7 | 0 5 | CL | Silty clay, very dark grey, moist, firm calcareous, abundant organics (roots), dark grey, sand lense (1/4 inch size) at 3 5 ft medium plasticity | 9 4 | 0 | 6 25 inch hollow stem continuous sample<br>NW corner of Main Plant<br>Time 1 50–4 16 |
| | | | | 8 2 | 0 | |
| 1664 2 | 4 | CL-ML | Silty clay, very dark grey to black, wet, firm, noncalcareous, some organics (roots), porous root holes (1/8" size max ), medium plasticity | 6 47 | 0 | |
| | | | | 6 84 | 0 | |
| 1660 2 | 8 | CL | Silty clay with sand, dark grey brown with very slight dark grey mottling, wet, firm, non-calcareous porous with rootlets 15% fine sand, blocky texture | 6 98 | 0 | Breaks apart more horizontally |
| | | | Sandy silty clay at 11 ft with 20% fine sand | | | Breaks more vertically |
| | | | | 6 19 | 0 | |
| 1656 2 | 12 | CL-ML | Silty clay, olive brown, wet, med firm, noncalcareous, porous with rootlets, fine grained sand lens at 13 ft , iron oxide nodules just below the sand lens (1/2" size max.) | 6 16 | 0 | |
| 1653 7 | 14 5 | CL | Sandy clay, brown wet, firm, noncalcareous, 20% fine sand | | | |
| 1652 7 | 15 5 | CL | Silty clay, brown, wet, firm, slightly calcareous, porous with rootlets | 6 12 | 0 | Saturated zone (more wet than the surrounding) |
| 1651 7 | 16 5 | CL | Silty clay below a 2 inch thick fine to medium grained sand lens<br>Silty clay, dark greyish brown wet, firm, noncalcareous, porous with rootlets, 1 inch size blocky texture at 19 ft from vertical and horizontal fracturing | 6 01 | 0 | |

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# BORING LOG

PROJECT: Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-9 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-7-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1648 2 | 20 | CL | Same as above but has a more massive structure and 10% fine sand at 21 ft | 5 86 | 0 | |
| 1646 2 | 22 | CL | Silty clay, brown with grey mottling, wet, firm, noncalcareous, few porous rootlets, water in fractures, 1/4 inch thick high plasticity, interbedded clay lenses, iron oxide & manganese accumulation ¼" thick overlying the silt at 25 ft. | 5 69 | 0 | 23 5 ft to water on 6-23-88<br>24 9 ft to water on 7-29-88 |
| 1643 2 | 25 | ML | Silt brown with slight grey mottling, wet, firm, noncalcareous | 5 77 | 0 | 25 4 ft to water on 6-28-88<br>Hole caved (wet) @ 26 4 ft on 7-18-88 |
| 1642 2 | 27 | CL-ML | Silty clay with interbedded silt lenses brown with grey mottling, wet firm, noncalcareous | 6 24 | 0 | |
| | | | | 6 30 | 0 | |
| 1636 2 | 33 | | | | 0 | pH of water is 5 63 |
| 1635 7 | 33 5 | SP | Sand, pale brown, wet, loose fine grained, mostly quartz, 5% feldspar, 5% others | | | |
| | | SP | Sand, brown, wet, dense, noncalcareous, fine grained, 10% fines, manganese nodules | 6 76 | 0 | 6" straight flight auger from 33 5' to bottom of hole |
| 1631 7 | 37 5 | | | | | |
| 1631 2 | 38 | CL | Silty clay, brown-dk brown, wet, firm, noncalcareous | | | |
| | | SP | Same as from 33 5' to 37 5' | 6 76 | 0 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-9 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-7-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1629 2 | 40 | SC | Clayey sand, brown, wet, very dense, noncalcareous, 30-40% fines, fine grained sand | | | |
| 1628 2 | 41 | SP | Sand, brown, wet, dense, fine-med sand, manganese nodules | | | |
| 1627 2 | 42 | SP | Sand, brown, wet, dense, non-calcareous, fine-coarse sand, 5% fine gravels | 6 61 | 0 | |
| 1626 2 | 43 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No SB-10 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 6-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 8 | 0 | | Concrete | | | |
| 1672 8 | 0 5 | CL | Silty clay, very dark grey to black, moist, med firm, non-careous, dark greyish brown at 5 ft , more silty with depth, medium plasticity | 5 64 | 0 | North of Main Plant at the NE Corner<br>Time 8 05-10 30 |
| 1664 3 | 8 5 | ML | Clayey silt, brown to dark brown, wet, med firm, noncal-careous | 6 40 | 0 | |
| 1662 8 | 10 | CL | Silty clay, very dark greyish brown, wet, med firm, noncal-careous | 5 73 | 0 | |
| 1658 8 | 14 | CL | Silty clay, dark greyish brown with light yellowish brown mottling, wet, firm, noncal-careous, iron oxide staining medium plasticity | | | |
| 1655 8 | 17 | CL | Silty clay, yellowish brown wet, firm , noncalcareous, grey mottling and iron oxide staining at 18 ft , medium plasticity | 5 55 | 0 | 17 4 ft to water on 7-20-88<br>17 7 ft to water on 7-29-88<br>18 1 ft to water on 7-18-88 |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-10 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1652 8 | 20 | CL | Same as above | | | | 20 6 ft to water on 7-21-88 |
| | | | | 5 70 | 0 | 2<br>2 N=4<br>2 | 23 2 ft to water on 6-28-88 |
| 1649 3 | 23 5 | ML | Clayey silt, yellowish brown with grey mottling, wet, soft to med firm, noncalcareous, low to medium plasticity | | | | |
| 1646 8 | 26 | CL- | Silty clay, yellowish brown wet, med firm, noncalcareous, manganese stained, grey colored soil adjacent to porous rootlets | | | | 26 1 ft to water on 6-22-88 |
| | | | | 5 ,5 | 0 | 3<br>3 N=6<br>3 | |
| 1642 8 | 30 | CL | Silty clay, yellowish brown with slight grey mottling, wet, med firm, noncalcareous, has iron oxide and manganese staining at 33 ft , low plasticity | | | | |
| | | | | 5 81 | 0 | 2<br>3 N=6<br>3 | |
| | | | | 5 49 | 0 | 3<br>3 N=5<br>2 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-10 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1632 8 | 40 | CL-ML | Same as above | | | | |
| | | | Silty clay, very dark grayish brown, wet, med firm, noncalcareous, yellowish brown clay filled fractures, medium plasticity. | | | | Permeability 3 3x10⁻7 cm/se<br>45-45 5 ft , 3 5x10⁻7 cm/se<br>46-46 5 ft |
| 1629 5 | 43 3 | | | 5 55 | 0 | 2 | |
| 1628 8 | 44 | CL | | 6 25 | 0 | 3 N=7 | |
| | | CL | Silty clay, dark grayish brown, wet, firm, noncalcareous, med plasticity. | 6 22 | 0 | 4 | W=25 1%<br>D=96 6 pcf |
| 1627 8 | 45 | | | | | | 3 inch Shelby Tube<br>#78, 45-46 5 ft |
| | | CL | Lean clay, olive gray, wet, hard | | | | W=26 4%<br>D=93 9 pcf |
| 1626 3 | 46 5 | | | | | | |
| | | | Bottom of Hole | | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-11 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1671 8 | 0 | | | | | |
| 1671 3 | 0 5 | | Concrete | | | 6 inch straight flight auger |
| | | CL | Silty clay with sand, brown to dark brown, moist, med firm, slightly calcareous, 20% fine sand, low plasticity | | | Just South of P-9 Time 12 45-3 30 |
| | | | | 6 53 | 0 | |
| 1663 8 | 8 | | | | | |
| | | CL | Silty clay with sand, brown to dark brown, moist, med firm, very calcareous, 20% fine sand, iron oxide staining, manganese nodules, carbonate nodules (1/8 inch size), has 35% fine sand from 10 to 11 ft | 6 59 | 5 2 | |
| | | | | 6 70 | 3 4 | Hole caved (dry) @ 11 0' on 7-29-88 |
| | | | | 6 84 | 3 | |
| 1657 8 | 14 | CL | Same as above but contains 45% fine sand from 14-15 ft , Interbedded sandy clay zones Is slightly calcareous at 18 ft. | | | |
| | | | | 6 70 | 2 | |
| | | | | 6 84 | 2 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-11 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1651 8 | 20 | CL | Same as above | | | | |
| 1650 8 | 21 | CL | Silty clay, brown, wet, firm, noncalcareous | | | | |
| | | | | 6 77 | 2 4 | | |
| 1648 8 | 23 | CL | Same as above, but has calcium carbonate cemented clay nodules (3/4 inch size), and iron oxide nodules (1/2 inch size) Turns brown to dark brown at 26 ft | | | 3<br>2 | N=5 |
| | | | | 6 73 | 2 6 | 3 | |
| | | | | | | | 26 5 ft to water on 6-23-88 |
| | | | | 6 81 | 2 2 | | |
| | | | | 6 49 | | 3 | |
| | | | | | 2 2 | 3 | N=6 |
| | | | | | | 3 | |
| | | | | | | | Hole caved (dry) 28 8 ft on 6-28-88 |
| | | | | 6 74 | 1 4 | | |
| 1638 8 | 33 | CL | Silty clay, dark brown, wet, med firm, noncalcareous, zones of extensive manganese staining Very silty zone from 35 to 36 ft Becomes iron oxide stained at 38 ft | | | 3 | |
| | | | | 6 70 | 1 | 3<br>4 | N=7 |
| | | | | 6 57 | 0 8 | 2<br>3 | N=6 |
| | | | | 6 90 | 1 | 3 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-11 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1631 8 | 40 | CL | Same as above | 6 65 | 1 6 | |
| 1629 8 | 42 | CL | Silty clay, very dark brown to black, wet, med firm, noncalcareous | 6 14 | 2 2 | |
| 1628 8 | 43 | CL | Silty clay, dark greenish grey, wet, firm, noncalcareous, heavy iron oxide staining at 44 5 ft and becomes siltier with depth | 6 91 | 2 | Permeability 1 9x10$^{-6}$cm/sec at 47-47 5 ft |
| 1625 8 | 46 | CL | Lean clay with silt, greyish brown, moist, firm | 6 73 | 2 | 3 Inch Shelby Tube (#815), 46-47 5 ft W=15 8%, D=109 9 cm/sec |
| 1624 3 | 47 5 | | Bottom of Hole | | | |

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# BORING LOG

Inside the Main Plant

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous fligh auger | Standard Penetration Test | | Boring No SB-12 |
| Undisturbed Soil Sampler 3 n od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.od Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-23-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1673 7 | 0 | | | | | |
| 1673 2 | 0 5 | | Concrete | | | 6 inch Straight Flight Auger |
| | | CL | Silty clay, dark yellowish brown, moist, medium firm, noncalcareous Becomes brown and very calcareous at 4ft | 4 62 | 2 | NE Corner inside the Main Plant<br>Time 2 20-5 00AM |
| 1668 7 | 5 | ML | Clayey silt, brown, dry to moist, medium firm, very calcareous | 6 34 | 3 2 | |
| | | | | 6 94 | 3 | |
| 1659 7 | 14 | CL-ML | Silty clay, brown to dark brown dry to moist, medium firm, calcareous | 6 84 | 6 4 | |
| 1655 7 | 18 | CL | Silty clay, yellowish brown moist, medium firm, calcareous | 7 23 | 2 4 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-12 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-23-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1653 7 | 20 | CL | Same as above but wet, turns dark brown at 29 ft , low to medium plasticity | 7 05 | 3 | | |
| | | | | 6 95 | 3 | 2<br>2<br>3 | N=5 |
| | | | | 7 20 | 3 | | 26 62 ft to water on 6-23-8<br>27 5 ft to water on 6-28-8<br>Hole caved (dry) @ 29 0 ft 7-29-88 |
| | | | | 7 02 | 3 | 3<br>3<br>4 | N=7<br>Hole caved (wet) @ 29 1 ft on 7-18-88 |
| 1642 7 | 31 | ML | Clayey silt, brown - dark brown wet, medium firm noncalcareous. | 7 19 | 2 | | |
| | | | | 7 26 | 3 2 | 4<br>3<br>4 | N=7 |
| 1639 7 | 34 | CL | Silty clay, yellowish brown wet, medium firm, noncalcareous zones of manganese staining | 7 03 | 0 4 | 3<br>3<br>3 | N=7 |

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| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-12 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-23-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1633 7 | 40 | CL | Same as above but brown and very silty | | | |
| 1632 7 | 41 | CL | Silty clay, olive gray, wet, medium stiff, noncalcareous, turns dark greenish gray at 42 ft | 6 24 | 0 | |
| 1630 7 | 43 | CL | Same as above | 6 90 | 0 | 3 inch Shelby Tube #103, 43-44 5 ft 25% recovery |
| 1629 2 | 44 5 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-13 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-23-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1676 4 | 0 | CL | Silty Clay, dark brown, moist firm, noncalcareous Becomes dry and yellowish brown at 2 ft. | 4 53 | 0 | | 6 inch straight flight Auger<br>In the Bean Field Between SB-1 and SB-2<br>Time 7 45-10 00 |
| 1672 4 | 4 | CL | Silty clay, yellowish brown, dry, firm, very calcareous, calcium carbonate nodules, iron oxide and manganese stained at 7 ft | 6 57 | 0 | | |
| | | | | 7 01 | 0 | | |
| 1661 4 | 15 | CL | Same as above but is only slightly calcareous and has no iron oxide or manganese staining | | | | |
| 1658 4 | 18 | CL | Silty clay, dark brown, moist, hard, noncalcarous | 6 89 | 0 | | |

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# BORING LOG

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|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No SB-13 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in o.d. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 6-23-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1656 4 | 20 | CL | Same as above, medium plasticity. | | | | |
| | | | Zones of iron oxide and manganese staining | 6 81 | 0 | 6<br>8<br>9 | N=17 |
| 1651 4 | 25 | CL | Silty clay, light yellowish brown, wet, soft, noncalcareous Is dark greyish brown mottled at 30 ft | | | | |
| | | | | 6 89 | 0 | 2<br>2<br>2 | N=4 |
| | | | | | | | No HNU readings taken below 28 ft<br>Hole caved (Dry) @ 30 4 ft 6-28-88 |
| 1643 4 | 33 | CL | Silty clay, lightyellowish brown with dark greyish brown mottling, wet, hard, noncal-careous, iron oxide stained slightly cemented @ 35' | 4 95 | | 3<br>7<br>9 | N=16 |
| 1639 4 | 37 | SC | Clayey sand, yellowish brown, wet, loose, noncalcareous, fine sand, 30% fines. | | | | |
| 1638 4 | 38 | | Interbedded sands with the clay turns grey with depth | 3 85 | | | |
| 1637 4 | 39 | CL-SP | Silty clay, light grey to grey wet, firm, noncalcareous, interbedded fine sand lenses with heavy iron oxide staining | | | 4<br>4<br>5 | N=9 |
| | | CL-SP | Sand (SP) is fine grained | | | | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-13 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-23-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1636 4 | 40 | CL-SP | Same as above | 3 78 | | | No HNU readings taken |
| 1634 4 | 42 | CL | Silty clay, pale brown, wet firm, noncalcareous, streaks of iron oxide staining, 15% fine to coarse sand at 44 ft | 3 56 | | 4<br>5<br>6 | N=11 |
| 1631 4 | 45 | CL | Sandy Clay, brown, moist firm, 30% fine sand | 3 46 | | | 3 inch Shelby Tube-#800, 45-46 5 ft |
| 1629 9 | 46 5 | | Bottom of Hole | | | | |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-14 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-24-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1674 5 | 0 | CL | Silty clay, dark greyish brown moist, firm, noncalcareous medium plasticity | | | 6 inch straight flight Auger In Bean Field NW of SB-1 and SB-13 Time 10 45-12 20 |
| 1671 5 | 3 | CL | Silty clay, light yellowish brown, moist, firm, noncalcareous, low plastic Becomes calcareous and medium plastic at 6 ft Also has very small carbonate nodules at 12 ft | 5 04 | 0 | |
| | | | | 4 88 | 0 | |
| | | | | 6 59 | 0 | |
| 1658 5 | 16 | CL | Silty clay, yellowish brown, moist to wet, firm, calcareous | 6 83 | 0 | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-14 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in o.d. Split barrel Sampler | | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-24-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1654 5 | 20 | CL | Same as above but is very slightly calcareous | | | | |
| 1651 5 | 23 | CL | Silty clay, dark yellowish brown, wet, firm, very slightly calcareous. | 6 96 | 0 | 3<br>4<br>5 | N=9 |
| 1646 5 | 28 | CL | Silty clay, yellowish brown, wet, med firm, slightly calcareous, manganese stained | 7 08 | 0 | 2<br>3<br>2 | N=5 |
| | | | | 7 05 | 0 | 3<br>3<br>3 | N=6<br>Hole Caved (dry) @ 32 7 ft on 6-28-88 |
| 1639 5 | 35 | CL | Silty clay, dark brown, wet, firm, slightly calcareous Becomes dark yellowish brown at 37 ft | 6 86 | 0 4 | 4<br>6<br>6 | N=12 |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-1 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 6-24-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Blows | Remarks |
|---|---|---|---|---|---|---|---|
| 1634 5 | 40 | CL | Silty clay, yellowish brown, wet, med firm, medium to high plasticity, heavy iron oxide and manganese staining Thin interbedded sand lenses with high concentrations of iron oxide & manganese staining @ 43' | 6 57 | 0 4 | 4<br>3<br>4 | N=7 |
| 1629 5 | 45 | CL | Silty clay grayish brown, wet firm, noncalcareous, interbedded sand lenses, strong brown, fine to medium grained, iron oxide stained | 6 53 | 0 4 | | |
| 1627 5 | 47 | SP | Sand, yellowish brown, wet, very dense, fine to medium sand, 10% fines 5% red feldspar grains | 6 72 | 0 4 | | |
| 1626 5 | 48 | | Bottom of Hole | | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-15 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-13-88 |

| Elevation | Depth | Group Symbol | Description of Materials | ph | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 4 | 0 | | Concrete | | | |
| 1671 9 | 0 5 | CL | Silty clay, yellowish brown, moist, medium firm, very calcareous, medium plasticity | 6 89 | 0 | Between SB-8 and SB 11<br>Time 9 45-12 00 |
| 1667 4 | 5 | CL-ML | Silty clay, yellowish brown, wet, medium firm, calcareous, mottled dark brown at 7 ft | | | |
| 1664 4 | 8 | CL | Silty clay, brown to dark brown, moist, firm, slightly calcareous, slight iron oxide staining at 15 ft , medium plasticity | 6 86 | 0 | |
| | | | | 6 38 | 0 | |
| 1655 4 | 17 | SC | Clayey sand, dark yellowish brown, moist, dense, slightly calcareous, fine grained, 35% fines | 7 29 | 0 | |
| 1654 4 | 18 | CL | Clayey sand, dark yellowish brown, moist, medium firm, slightly calcareous, 20% fine sand | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-1[illegible] |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-13-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 4 | 20 | CL | Same as above Becomes wet at 23 ft and noncalcareous | 6 91 | 0 | 26 4 ft to water 7-29-88 |
| 1645 4 | 27 | CL | Silty clay, dark brown, wet, firm, noncalcareous Becomes yellowish brown, calcium carbonate cemented clay nodules at 30 ft | 6 85 | 0 | 27 5 ft to water 7-18-88<br>29 9 ft to cave-in 7-18-88 |
| 1640 4 | 32 | CL | Silty clay with sand, yellowish brown, wet, medium firm, noncalcareous, 10% fine sand, manganese & iron oxide staining | 6 77 | 0 | |
| 1638 4 | 34 | CL, SP, ML | Interbedded silty clay and sand lenses, silts and clays are same as above Sand, yellowish brown, wet, dense, fine grained, less than 10% fines, manganese fragments | 6 66 | 0 2 | |
| 1634 9 | 37 5 | SP | Sand, yellowish brown, wet, dense, fine grained, 10% manganese fragments, mostly quartz, 5% feldspar | 6 78 | 0 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-15 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-13-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1632 4 | 40 | SP | Same as above | | | |
| 1630 9 | 41 5 | CL | Sandy clay, brown, wet, firm, 40% fine sand | 6 59 | 0 | |
| 1629 4 | 43 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-16 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-16-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 1 | 0 | | | | | |
| 1671 6 | 0 5 | | Concrete | | | |
| | | CL | Silty clay, yellowish brown, moist, medium firm, 10% gravels, calcareous | 7 04 | 0 | Between SB-11 and SB-15<br>Time 12 30 - 2 50 |
| 1668 1 | 4 | CL-ML | Silty clay, yellowish brown, moist, medium firm, calcareous, becomes wet at 6 ft | | | |
| 1664 1 | 8 | CL | Silty clay, yellowish brown, moist, medium firm, slightly calcareous, becomes dark yellowish brown with calcium carbonate cemented clay nodules at 11 ft | 6 92 | 0 | |
| 1659 1 | 13 | CL-ML | Silty clay, yellowish brown, moist, firm, calcareous, many clay cemented nodules | 6 74 | 0 | |
| 1657 1 | 15 | CL | Silty clay, dark yellowish brown, moist, firm, calcareous | 6 78 | 0 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-16 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 2 of 3 |
| w=Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-13-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 1 | 20 | CL | Same as above Becomes wet at 24 ft | | | |
| | | | | 6 88 | 0 | No HNU readings taken below 23 ft |
| | | | | | | 25 4 ft to water 7-18-88 |
| 1645 1 | 27 | CL-ML | Silty clay, dark yellowish brown, wet, soft, noncalcareous, has 10% fine sand at 35 ft | | | |
| | | | | 6 93 | | |
| | | | | 7 08 | | 32 3 ft to water on 7-29-88 |
| | | | | 7 14 | | |
| 1633 1 | 39 | CL | Silty clay with sand, dark yellowish brown, wet, firm, noncalcareous, manganese staining, 10-15% fine sand, iron oxide staining | | | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No SB-16 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-13-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | hNU | Remarks |
|---|---|---|---|---|---|---|
| 1632 1 | 40 | CL | As above with thin interbedded sand lenses, dark yellowish brown, wet, dense, fine grained. | | | No HNU readings taken |
| 1631 1 | 41 | CL | Sandy clay, yellowish brown, wet, firm, noncalcareous, 40% fine to coarse sand, 5% fine gravels | | | |
| 1629 1 | 43 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-17 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-14-88 |

| Elevation | Depth | Group Symbol | Description of Materials | DH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1681 4 | 0 | CL | Silty clay, very dark grayish brown with olive brown mottling, moist, firm, noncalcareous | | | East of SB-11, grass surface near light poles<br><br>Time 7 30 - 8 45<br><br>No HNU readings taken due to mechanical problems |
| | | | | 6 67 | | |
| 1677 4 | 4 | CL-ML | Sandy silty clay, yellowish brown, moist, firm, calcareous, 20% fine sand, iron oxide staining at 13 ft Calcium carbonate nodules (¼" size) at 14 ft Some organics | | | |
| | | | | 6 77 | | |
| | | | | 6 79 | | |
| 1666 4 | 15 | CL-ML | Silty clay, yellowish brown, moist, hard, calcareous, becomes medium firm at 16 ft , low plasticity | | | |
| | | | | 7 12 | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-17 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-14-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1661 4 | 20 | CL-ML | Same as above | | | No HNU readings taken |
| 1660 4 | 21 | CL | Silty clay, yellowish brown, wet, firm, calcareous, iron oxide staining, low plasticity | | | |
| 1659 4 | 22 | CL-ML | Silty clay, yellowish brown, moist, medium firm, calcareous, calcium carbonate nodules (¼" size) Becomes wet at 24 ft | 6 92 | | |
| | | | | 7 12 | | |
| 1648 4 | 33 | CL | Silty clay, yellowish brown, wet, medium firm, noncalcareous | 7 24 | | |
| 1644 4 | 37 | CL | Silty clay, brown, wet, hard, noncalcareous, manganese and iron oxide staining | 6 46 | | 38 8 ft to water on 7-29-88 |
| 1642 4 | 39 | CL-ML | Silty clay, brown, wet, med firm, noncalcareous, manganese staining | | | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-17 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-14-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1641 4 | 40 | CL-ML | Same as above | | | 40 0 ft to water<br>40 8 ft to cave-in |
| 1640 4 | 41 | ML-CL | Clayey silt , yellowish brown, wet, medium firm , noncalcareous | | | 7-18-88<br>No HNU readings taken |
| 1638 4 | 43 | CL-ML | Silty clay, brown, wet, medium firm, noncalcareous | 6 61 | | |
| 1636 4 | 45 | ML | Clayey silt, brown, wet, medium firm , noncalcareous, manganese stained | | | |
| 1634 4 | 47 | CL | Silty clay, brown, wet, hard,, noncalcareous, heavy manganese staining, 10-15% fine sand at 48 ft | 6 81 | | |
| 1632 4 | 49 | CL | Sandy clay, brown, wet, hard, noncalcareous, 30% fine to coarse sand | | | |
| 1630 4 | 51 | CL | Sandy clay, brown, wet, firm, noncalcareous, 40-45% fine to coarse sand | 7 00 | | |
| 1628 4 | 53 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-18 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-14-88 |

| Elevation | Depth | Group Symbol | Description of Materials | ph | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1677 8 | 0 | | | | | |
| 1677 3 | 0 5 | | Asphalt | | | |
| | | CL | Silty clay, very dark brown, moist, medium firm, noncalcareous, becomes very dk gray to black at 3 ft, organic odor, medium plasticity | 6 76 | | Northeast of P-9 at corner of grass area<br>Time 9 00 - 10 15<br>No HNU readings taken due to mechanical problems |
| 1669 8 | 8 | CL | Silty clay, very dark brown w/ dark reddish brown mottling, moist, medium firm, noncalcareous, medium plasticity | 6 60 | | |
| 1665 8 | 12 | CL | Silty clay, yellowish brown, moist to wet, medium firm, noncalcareous, becomes wet at 14 ft | 6 02 | | |
| 1659 8 | 18 | CL-ML | Silty clay, yellowish brown, wet, soft to med firm, noncalcareous, slight manganese staining | 5 69 | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-18 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-14-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | hNU | Remarks |
|---|---|---|---|---|---|---|
| 1657 8 | 20 | CL-ML | Same as above | | | No HNU readings taken |
| 1655 8 | 22 | CL | Silty clay, dark yellowish brown, wet, firm, noncalcareous, manganese staining, medium plasticity | 5 53 | | |
| 1653 8 | 24 | CL | Silty clay, yellowish brown, wet, medium firm, noncalcareous, becomes dark yellowish brown at 20 ft | | | |
| 1650 8 | 27 | CL | Silty clay, dark yellowish brown, wet, firm, noncalcareous, heavy manganese staining | 5 67 | | |
| 1648 8 | 29 | CL | Silty clay, yellowish brown, wet, medium firm, noncalcareous, manganese staining at 38 ft | 5 44 | | 30 6 ft to cave-in on 7-29-88<br>33 1 ft to cave-in 7-18-88 |
| | | | | 5 56 | | |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-18 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-14-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1637 8 | 40 | CL | Same as above | 5 86 | | No HNU readings taken |
| 1632 8 | 45 | CL | Silty clay, very dark brown to black, wet, medium firm, non-calcareous | | | |
| 1630 8 | 47 | CL | Silty clay, dark grayish brown, wet, firm, noncalcareous | | | |
| 1629 8 | 48 | CL | Silty clay, very dark brown to black, wet, firm, noncalcareous | 6 04 | | |
| 1627 8 | 50 | CL | Silty clay, olive brown, wet, firm, noncalcareous, heavy iron oxide staining | 6 03 | | |
| 1626 8 | 51 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-19 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.od Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1673 7 | 0 | | Concrete | | | |
| 1673 2 | 0 5 | CL | Silty clay, yellowish brown, moist, firm, noncalcareous | | | South of SB -12 inside the Main Plant<br>Time 1 45-2 45<br><br>No HNU readings taken due to mechanical problems |
| 1669 7 | 4 | CL | Silty clay, yellowish brown, dry to moist, firm, very calcareous | 6 90 | | |
| | | | | 6 94 | | |
| 1661 7 | 12 | CL-ML | Silty clay, yellowish brown, moist, firm, very calcareous | | | |
| | | | | 6 85 | | |
| 1658 7 | 15 | CL | Silty clay, dark yellowish brown, moist, firm, noncalcareous, calcium carbonate cemented clay nodules | | | |
| | | | | 7 28 | | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-19 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1653 7 | 20 | CL | Same as above | | | No HNU readings taken |
| 1652 7 | 21 | CL | Silty clay, yellowish brown, moist, medium firm, noncalcareous, slight manganese staining | 7 49 | | |
| 1648 7 | 25 | CL | Silty clay, dark yellowish brown, wet, medium firm, noncalcareous, calcium carbonate cemented clay nodules, slight manganese staining at 37 ft | 7 37 | | 31 5 ft to water on 7-29-88<br>31 7 ft to water 7-18-88 |
| | | | | 7 22 | | 35 2 ft to cave-in 7-18-88 |
| | | | | 7 04 | | |
| 1634 7 | 39 | CL-ML | Silty clay, very dark grayish brown, wet, med firm, noncalcareous | | | |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-19 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1633 7 | 40 | CL | Silty clay, olive gray, wet, firm, noncalcareous, medium plasticity | 7 57 | | No HNU readings taken |
| 1630 7 | 43 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-20 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1673 7 | 0 | | Concrete | | | West of SB-19 inside the Main Plant<br>Time 3 35 - 4 34 A M<br>No HNU readings taken due to mechanical problems |
| 1673 2 | 0 5 | CL | Silty clay, very dark grayish brown, dry, firm, noncalcareous | | | |
| 1670 7 | 3 | CL-ML | Silty clay, yellowish brown, dry, firm, very calcareous | 4 94 | | |
| | | | | 6 62 | | |
| 1660 7 | 13 | CL | Silty clay, yellowish brown, moist, medium firm, very calcareous | 6 87 | | |
| | | | | 6 70 | | |
| 1654 7 | 19 | CL | Silty clay, yellowish brown, moist, firm , slightly calcareous | | | |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-20 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1653 7 | 20 | CL | Same as above but is wet at 23' | 7 33 | | No HNU readings taken |
| 1648 7 | 25 | CL-ML | Silty clay, yellowish brown, wet, medium firm, noncalcareous Turns dark yellowish brown at 29 ft | 7 43 | | 31 1 ft to water 7-18-88 |
| 1640 7 | 33 | | | | | 31 2 ft to water on 7-29-88 |
| | | CL | Silty clay, dark brown, wet, firm, noncalcareous | 7 10 | | |
| 1639 7 | 34 | CL | Silty clay, dark yellowish brown, wet, firm, noncalcareous, turns yellowish brown at 37 ft | 7 33 | | 36 5 ft to cave-in 7-18-88 |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-20 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in o.d Split barrel Sampler | | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1633 7 | 40 | CL | Same as above | | | No HNU readings taken |
| 1631 7 | 42 | CL | Silty clay, olive gray, wet, firm, noncalcareous, slight manganese staining | 7 57 | | |
| 1630 7 | 43 | | Bottom of Hole | | | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-21 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1673 6 | 0 | | | | | |
| 1673 1 | 0 5 | | Concrete | | | |
| | | CL | Silty clay, dark brown, dry, firm, noncalcareous | | | West of SB-12 inside the Main Plant<br>Time 4 50–6 00 AM |
| 1670 6 | 3 | CL | Silty clay, yellowish brown, dry, firm, very calcareous, few calcium carbonate nodules | 6 33 | | No HNU readings taken due to mechanical problems |
| | | | | 6 39 | | |
| | | | | 7 11 | | |
| 1658 6 | 15 | CL | Silty clay, yellowish brown, moist, firm, calcareous | | | |
| | | | | 7 39 | | |
| 1654 6 | 19 | CL | Silty clay, dark yellowish brown, moist, medium firm, calcareous. | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-21 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1653 6 | 20 | CL | Same as above but wet | 7 07 | | No HNU readings taken |
| 1645 6 | 28 | CL | Silty clay, dark yellowish brown, wet, medium firm, noncalcareous | 7 36 | | 30 7 ft to water 7-18-88 & on 7-29-88 |
| 1642 6 | 31 | CL | Silty clay, yellowish brown, wet, firm, noncalcareous, slight manganese staining at 33 ft calcium carbonate cemented clay at 35 ft , soft at 39 ft | 7 46<br>6 67 | | 31 9 ft to cave-in 7-18-88 |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-21 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1633 6 | 40 | CL | Silty clay, yellowish brown, wet, soft, noncalcareous | | | No HNU readings taken |
| 1632 1 | 41 5 | CL | Silty clay, olive gray, wet, medium firm, noncalcareous | 7 32 | | |
| 1630 6 | 43 | | Bottom of Hole | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1968, Shallow Soils Investigation

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No SB-22 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 4 | 0 | | Concrete | | | |
| 1671 9 | 0 5 | CL | Silty Clay dark grayish brown and olive gray mottling; moist, firm, noncalcareous 10% sand and gravel, medium plasticity | 7 27 | | North side of Main Plan NW of SB-12 Time 8 05-9 05<br>No HNU readings taken due to mechanical problems |
| 1667 4 | 5 | CL | Silty Clay yellowish brown moist, firm, very calcareous Iron oxide nodules and manganese staining at 10 ft | 7 11 | | |
| | | | | 7 16 | | 16 3 ft to water on 7-20-88 |
| | | | | 7 32 | | |
| 1653 4 | 19 | CL | Silty Clay yellowish brown, wet, firm, slightly calcareous | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-22 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in o.d. Split barrel Sampler | | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 4 | 20 | CL | Same as above | | | 20 6 ft to water 7-18-88 |
| 1651 4 | 21 | CL | Silty Clay dark yellowish brown, wet, firm, slightly calcareous | | | 21 1 ft to water on 7-29-88 No HNU readings taken |
| | | | | 7 15 | | 23 6 ft to water on 7-21-88 |
| | | | | | | 24 9 ft to cave in 7-18-88 |
| 1644 4 | 28 | CL | Silty Clay yellowish brown wet, medium firm, noncalcareous, manganese staining at 30 ft | 6 92 | | |
| | | | | 7 19 | | |
| | | | | 7 29 | | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No SB-22 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-15-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1632 4 | 40 | CL | Silty Clay, olive gray, wet, firm, noncalcareous, carbonate cemented clay nodules Turns blueish green at 42 ft | 7 70 | | No HNU readings taken |
| 1629 4 | 43 | | Bottom of Hole | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-23 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.o.d Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1673 8 | 0 | | Concrete | | | |
| 1673 3 | 0 5 | CL | Silty clay, black, very moist, medium firm, noncalcareous, manure odor, mottled olive gray at 3 ft | 6 70 | 0 | North of P-9, South of drainage ditch<br>Time 6 20 - 7 30 |
| 1666 8 | 7 | CL | Silty clay, brown, wet, medium firm, noncalcareous, slight manure odor, iron oxide and manganese staining at 15 ft | 6 96 | 0 | |
| | | | | 5 79 | 50 | High humidity and dewing conditions |
| | | | | | | Hole caved (dry) @ 17 6 ft on 7-29-88 |
| | | | | 5 40 | 100 | |

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|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-23 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pt | HNL | Remarks |
|---|---|---|---|---|---|---|
| 1653 8 | 20 | CL | Same as above Is firm from 25 to 26 ft | | | |
| | | | | 5 46 | 20 | |
| | | | | 6 22 | 5 | |
| | | | | | | 31 5 ft to water<br>31 9 ft to cave-in 7-21-88 |
| | | | | 5 85 | 2 | 33 3 ft to water on 7-20-88 |
| 1638 8 | 35 | CL | Silty clay, brown, wet, firm, noncalcareous, heavy manganese staining | | | |
| | | | | 5 90 | 1 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-23 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1633 8 | 40 | CL | Same as above | 6 38 | | |
| 1630 3 | 43 5 | CL | Silty clay, brown with olive gray mottling, wet, firm, non-calcareous, turns dk olive gray | 6 31 @ 44 | Trace 0 5 ft | |
| 1628 8 | 45 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6-in. continuous flight auger | Standard Penetration Test | | Boring No SB-24 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 2 | 0 | | | | | |
| 1671 7 | 0 5 | | Concrete | | | |
| | | CL | Silty clay, dark yellowish brown, moist, firm, noncalcareous. | | | NE of SB-10<br>Time 12 00-1 15 |
| 1669 2 | 3 | | | | | |
| | | CL | Silty clay, yellowish brown, moist, firm, very calcareous, calcium carbonate nodules (½" size), medium plasticity | 7 05 | 0 | |
| | | | | 7 27 | 0 | |
| 1661 2 | 11 | | | | | |
| | | CL | Silty clay, brown, moist, firm, calcareous, calcium carbonate cemented clay nodules, low to medium plasticity | 7 23 | 0 | |
| 1654 2 | 18 | | | | | |
| | | CL | Silty clay, dk yellowish brown, wet, firm, slightly calcareous, carbonate nodules (1/8' size), medium plasticity | 7 28 | 0 2 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-24 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 2 | 20 | CL | Same as above | | | |
| | | | | 7 15 | 0 4 | |
| 1644 2 | 28 | CL-ML | Silty clay, brown, wet, soft to medium firm, noncalcareous | 7 12 | 0 6 | 30 8 Ft to water on 7-29-88 |
| | | | | | | 31 4 ft to water on 7-21-88 |
| | | | | 7 03 | 12 | 33 1 ft to water IAD |
| 1637 2 | 35 | CL | Silty clay, brown, wet, soft to medium firm noncalcareous, slight gray mottling, slight manganese staining at 38 ft | | | |
| | | | | 6 99 | 4 | 38 8 ft to cave-in IAD |
| 1632 7 | 39 5 | CL | On Next Page | | | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-24 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1632 2 | 40 | CL | Silty clay, olive gray, wet, firm, noncalcareous, slight manganese staining | 6 97 | 6 | |
| 1629 2 | 43 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-25 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1675 0 | 0 | | | | | |
| 1674 5 | 0 5 | | Concrete | | | North of Propane Tanks |
| | | CL | Silty clay, dark brown, moist, hard, noncalcareous | | | Time 1 55-3 00 |
| 1672 0 | 3 | CL | Silty clay, brown, dry, firm, very calcareous, calcium carbonate nodules (1/8" size), moist at 8 ft | 6 29 | 0 | |
| | | | | 7 16 | 0 | |
| 1676 0 | 9 | CL | Silty clay, yellowish brown, moist, firm, very calcareous, calcium carbonate nodules | | | |
| | | | | 7 21 | 0 | |
| | | | | 7 24 | 0 | |

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| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-25 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1655 0 | 20 | CL | Silty clay, brown to dark brown, moist, hard, noncalcareous, medium plasticity | 7 03 | 0 | |
| 1647 0 | 28 | CL | Silty clay, dark yellowish brown, moist, firm, noncalcareous, wet at 33 ft medium plasticity | 7 18 | 0 2 | 33 4 ft to water on 7-29-88<br>34 4 ft to water IAD |
| 1638 0 | 37 | CL | Silty clay, yellowish brown, wet, med firm, noncalcareous, manganese staining, calcium carbonate nodules | 7 22<br>7 44 | 0 2<br>0 4 | 34 6 ft to water on 7-21-88<br>39 7 ft to cave-in IAD |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-25 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1635 0 | 40 | CL | Same as above but is also iron oxide stained | 7 26 | 1 | |
| 1630 0 | 45 | CL | Silty clay, greyish brown, wet medium firm, noncalcareous, iron oxide stained | 7 21 | 2 | |
| 1629 0 | 46 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No SB-26 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 7 | 0 | | | | | |
| 1672 2 | 0 5 | | Concrete | | | |
| | | CL | Silty clay, very dark gray with dark gray mottling, moist, firm, noncalcareous, becomes wet at 5 ft , medium plasticity | | | North of Main Plant by the door<br>Time 3 45-5 00 |
| | | | | 6 67 | 1 | |
| | | | | 6 64 | 0 8 | |
| 1661 7 | 11 | CL | Silty clay, yellowish brown, moist, firm, noncalcareous, becomes calcareous at 14 ft and wet at 18 ft , low plasticity | 7 06 | 3 | |
| 1655 7 | 17 | | | | | |
| | | CL-ML | Silty clay, yellowish brown, wet, med firm , noncalcareous | | | |
| 1654 7 | 18 | | | | | |
| | | CL | Silty clay, dark yellowish brown, wet, firm, noncalcareous | 7 04 | 1 | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-26 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall 2 in od Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-20-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 7 | 20 | CL | Same as above but is yellowish brown at 23 ft , manganese staining at 28 ft | 6 88 | 0 8 | |
| | | | | | | 25 1 ft to (dry) cave-in 7-29-88 |
| | | | | | | 25 9 ft to cave-in dry hole 7-21-88 |
| | | | | 5 99 | 1 | |
| | | | | 6 10 | 0 2 | |
| 1638 7 | 34 | ML | Clayey silt, brown, wet, medium firm, noncalcareous | | | |
| 1636 7 | 36 | CL | Silty clay, yellowish brown, wet, medium firm, noncalcareous, manganese staining | | | |
| 1635 2 | 37 5 | CL | Silty clay, dark grayish brown, wet, firm, noncalcareous, manganese staining | 6 06 | 0 2 | |
| 1634 7 | 38 | | Bottom of Hole | | | |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-27 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1671 9 | 0 | | Concrete & Fill Sand | | | South of ditch next to bottled gases shed |
| 1670 9 | 1 | CL | Silty clay, olive, moist, firm, calcareous, becomes mottled lt olive gray and dark gray, calcium carbonate nodules, medium plasticity | 6 6 | 0 | Time 6 15-7 45 |
| 1666 9 | 5 | CL | Silty clay, light olive brown moist, firm, calcareous Becomes yellowish brown and wet at 15 ft | 6 81 | 1 | |
| | | | | 7 21 | 1 | |
| | | | | 6 93 | 0 6 | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-27 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | PNU | Remarks |
|---|---|---|---|---|---|---|
| 1651 9 | 20 | CL | Same as above | | | |
| 1649 9 | 22 | CL-ML | Silty clay, yellowish brown, wet, medium firm, calcareous | 7 12 | 0 | |
| 1647 9 | 24 | CL | Silty clay, dark yellowish brown, wet, medium firm, noncalcareous, calcium carbonate nodules at 28 ft | 6 83 | 0 | |
| 1642 9 | 29 | ML | Clayey silt, dark yellowish brown, wet, soft to medium firm, noncalcareous | | | 30 2 ft to water on 7-29-88<br>31 1 ft to water 7-21-88 |
| 1638 9 | 33 | CL | Silty clay, brown, wet, medium firm, noncalcareous, manganese and iron oxide staining | 6 89 | 0 | |
| 1636 9 | 35 | ML | Clayey silt, brown, wet, medium firm, noncalcareous | | | |
| 1634 9 | 37 | CL | Silty clay, brown, wet, medium firm, noncalcareous | 6 81 | 0 | 37 0 ft to cave-in 7-21-88 |
| 1632 9 | 39 | CL | Silty clay, dark gray, wet, medium firm, noncalcareous | | | |

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|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No SB-27 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1631 9 | 40 | CL | Same as above | | | |
| 1629 9 | 42 | CL | Silty clay, black with greenish gray mottling, wet, firm, noncalcareous | | | |
| 1628 9 | 43 | CL | Lean clay with silt, very dark grey, wet, firm, med plasticity | 7 11 | 0 | |
| 1626 0 | 44 | CL | Lean clay, dark greenish grey, wet, firm to hard, noncalcareous, medium plasticity | | | 3 Inch Shelby Tube #12, 43-45 ft |
| 1626 9 | 45 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-28 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in o.d. Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1680 0 | 0 | | | | | |
| 1679 5 | 0 5 | | Concrete | | | Just NW of the East Bridge North of the Ditch Time 8 30-10 35 |
| | | CL | Silty clay, very dark grayish brown, moist, hard, non-calcareous | 6 18 | 0 | |
| 1675 0 | 5 | CL | Silty clay, brown, moist, firm, very calcareous, calcium carbonate nodules, medium plasticity | 6 84 | 0 | |
| | | | | 7 10 | 0 2 | |
| | | | | 7 16 | 0 2 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-28 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1660 0 | 20 | CL | Same as above but hard | | | |
| 1657 0 | 23 | CL | Silty clay, brown, moist, hard and calcareous | 7 22 | 1 | |
| 1655 0 | 25 | CL | Silty clay, dark yellowish brown, moist, firm, very slightly calcareous, slight manganese staining | | | |
| 1653 0 | 27 | CL | Silty clay, brown, moist, firm , slightly calcareous Turns dark yellowish brown at 29 ft | 7 26 | 0 4 | |
| 1647 0 | 33 | CL | Silty clay, yellowish brown, wet, firm , slightly calcareous, slight manganese staining at 35 ft | 7 44 | 0 2 | 36 9 ft to water on 7-29-88 |
| | | | | 7 41 | 0 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-28 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1640 0 | 40 | CL | Same as above but dark yellowish brown | | | 41 2 ft to water 7-21-88 |
| 1637 0 | 43 | CL | Silty clay, yellowish brown, wet, hard, noncalcareous, slight iron oxide staining with manganese fragments | 7 14 | 0 | |
| 1635 0 | 45 | CL | Silty clay, yellowish brown with gray mottling, wet, hard, noncalcareous, heavy manganese staining and iron oxide staining | 7 44 | 0 | 45 4 ft to cave-in 7-21-88 |
| 1632 0 | 48 | | Bottom of Hole | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No SB-29 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1680 9 | 0 | | Concrete | | | In trailer parking lot south side of ditch Time 1 00-2 30 |
| 1680 4 | 0 5 | CL | Silty clay, dark brown, moist, firm, noncalcareous Turns very dark gray at 3 ft and calcareous at 8 ft | 6 81 | 0 | |
| | | | | 6 78 | 0 | |
| 1669 9 | 11 | CL | Silty clay, yellowish brown, moist, firm, very calcareous | | | |
| 1666 9 | 14 | | | 6 79 | 0 | |
| | | ML | Clayey silt, yellowish brown, moist, firm , noncalcareous | | | |
| 1664 9 | 16 | CL | Silty clay, dark yellowish brown, moist, medium firm , noncalcareous, becomes wet at 18 ft | | | |
| | | | | 6 81 | 0 | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-29 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1660 9 | 20 | CL | Same as above | | | |
| 1656 9 | 24 | CL | Silty clay, brown, wet, hard noncalcareous, extensive manganese staining. | 6 12 | 0 | |
| 1654 9 | 26 | CL | Silty clay, brown, wet, hard , noncalcareous, extensive manganese staining | | | |
| 1652 9 | 28 | CL | Silty clay, brown, wet, hard, noncalcareous, 5 - 10% fine sand, manganese staining | 6 0 | 0 | |
| | | | | 6 42 | 0 | |
| 1645 9 | 35 | CL | Silty clay, brown with gray mottling, wet, hard non-calcareous, manganese and iron oxide staining | | | |
| 1643 9 | 37 | ML | Clayey silt, brown with gray mottling, wet, hard, non-calcareous, heavy manganese & iron oxide staining down to 41 ft | 6 29 | 0 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-2 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1640 9 | 40 | CL | Silty clay, brown, wet, firm, noncalcareous, zones of manganese and iron oxide staining | | | 40 0 ft to water on 7-29-88 |
| | | | | 6 37 | 0 | 44 2 ft to water 7-21-88 |
| 1632 9 | 48 | ML | Clayey silt, brown, wet, medium firm, noncalcareous | 6 40 | 0 | |
| 1630 4 | 50 5 | CL | Sandy clay, brown, wet, hard noncalcareous 35 - 40 fine sand to gravel, 5% angular feldspars, 45% sand to gravel at 52 ft | | | 51 4 ft to cave-in 7-21-88 |
| 1627 9 | 53 | | | 6 48 | 0 | |
| | | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-30 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in o.d. Split barrel Sampler | | Sheet 1 of 2 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | DH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1668 1 | 0 | | | | | |
| 1667 6 | 0 5 | | Concrete | | | West of SB-27 |
| | | CL | Silty clay, dark gray, moist, firm , noncalcareous | | | Time 2 45-4 15 |
| 1665 1 | 3 | CL | Silty clay, brown, moist, firm, calcareous | 7 04 | 0 | |
| 1660 1 | 8 | CL | Silty clay, brown, wet, medium firm , calcareous, iron oxide staining, calcium carbonate nodules. | 7 04 | 0 | |
| | | | | 7 15 | 0 | |
| 1652 1 | 16 | CL | Silty clay, brown, wet, medium firm, noncalcareous, extensive manganese staining | 7 04 | TRACE | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No SB-3C |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-21-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNu | Remarks |
|---|---|---|---|---|---|---|
| 1648 1 | 20 | CL | Same as above but contains calcium carbonate nodules, calcium carbonate cemented clay nodules at 23 ft | 7 02 | 0 | |
| 1643 1 | 25 | ML | Clayey silt, yellowish brown, wet, medium firm, noncalcareous | | | 25 5 ft to water on 7-29 |
| 1641 1 | 27 | CL | Silty clay, yellowish brown, wet, medium firm , manganese staining | 6 98 | 0 | |
| 1637 1 | 31 | ML | Clayey silt, brown to dk brown, wet, soft, noncalcareous, iron oxide nodules | | | 31 8 ft to water 7-21-88 |
| 1635 1 | 33 | CL | Silty clay, yellowish brown, wet, medium firm , noncalcareous, manganese staining, turns dk grayish brown at 35 ft | 6 85 | 0 | |
| 1631 1 | 37 | CL | Silty clay, dark olive gray, wet, firm, noncalcareous, iron oxide & manganese staining | 6 90 | 0 | 36 ? ft to cave-in 7-21-88 |
| 1629 1 | 39 | CL | Silty clay, pale brown, wet, firm , noncalcareous, extensive iron oxide staining | | | |
| 1628 1 | 40 | | | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-31 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1671 8 | 0 | | | | | |
| 1671 3 | 0 5 | | Concrete | | | Just south of galvanizing building |
| | | CL | Silty clay, very dark grayish brown, moist, hard, non-calcareous | | | Time 6 20-8 00 |
| 1669 8 | 2 | CL | Silty clay, brown, moist, hard, very calcareous, calcium carbonate nodules, low plasticity | 5 26 | 0 | |
| | | | | 7 02 | 0 | |
| | | | | 6 99 | 0 4 | |
| 1657 8 | 14 | CL | Silty clay, brown, moist to wet, medium firm, calcareous, calcium carbonate cemented clay nodules, turns brown to dk brown at 17 ft , low plasticity. | 6 95 | 1 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-31 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1651 8 | 20 | CL | Same as above but brown Calcium carbonate nodules are elongated like they filled porous rootlets (pipe shaped) | | | |
| 1648 8 | 23 | CL | Silty clay, brown to dark brown, wet, firm, noncalcareous | 7 15 | 0 | |
| 1646 8 | 25 | CL | Lean clay, yellowish brown, wet, firm, noncalcareous | | | |
| 1643 8 | 28 | CL | Silty clay, very dark grayish brown, wet, firm, noncalcareous | 6 93 | 0 4 | |
| 1640 8 | 31 | CL | Lean clay, very dark gray, wet, hard, noncalcareous | | | 30 8 ft to water 7-22-88 |
| 1639 8 | 32 | CL | Silty clay, pale brown, wet, hard, noncalcareous, iron oxide staining, Turns brown at 34 ft | 6 89 | 0 | 31 4 ft to water on 8-1-88 |
| 1636 8 | 35 | CL | Silty clay, grayish brown with yellowish brown mottling, wet, hard, noncalcareous, iron oxide staining, slight manganese staining. | | | |
| 1633 8 | 38 | CL-ML | Silty clay, grayish brown, wet, firm, noncalcareous, slight manganese staining. | 6 89 | 0 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-31 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1631 8 | 40 | CL | Silty clay, dark gray, wet, firm, noncalcareous<br>Becomes dark olive gray | 6 64 | 0 | 41 5 ft to cave-in 7-21-88 |
| 1628 8 | 43 | | Bottom of Hole | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Snallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-3 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 9 | 0 | | Concrete | | | On Southwest Corner of Crane Bay |
| 1672 4 | 0 5 | CL | Silty clay, dark brown, moist, hard, noncalcareous Turns dark yellowish brown at 2 ft | | | Time 3 35-4 45 |
| 1669 9 | 3 | CL | Silty clay, yellowish brown, moist, firm , calcareous, calcium carbonate nodules | 5 49 | 0 | |
| 1664 9 | 8 | CL-ML | Silty clay, yellowish brown, moist, firm, calcareous | 6 46 | 0 | |
| 1660 9 | 12 | CL | Silty clay, brown, moist, med firm , calcareous, calcium carbonate nodules | 6 86 | 0 | |
| | | | | 6 90 | 0 | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | |
|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | Boring No SB-32 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.o.d Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1652 9 | 20 | CL | Same as above but is wet at 23 ft | 7 08 | 0 4 | |
| 1644 9 | 28 | CL | Silty clay, brown to dark brown, wet, firm, very slightly calcareous, medium plasticity | 7 41 | 1 2 | |
| | | | | 6 26 | 5 | |
| 1638 | 34 | CL | Silty clay, yellowish brown, wet, medium firm, noncalcareous, manganese staining, mottled gray at 39 ft | 6 72 | 0 4 | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No SB-32 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1632 9 | 40 | CL-ML | Silty clay, yellowish brown with gray mottling, wet, medium firm, noncalcareous, manganese staining, iron oxide staining at 43 ft | 6 83 | 0 | 40 2 ft to water IAD |
| | | | | | | 49 9 ft to cave-in IAD |
| 1627 9 | 45 | CL | Silty clay, gray, wet, firm, noncalcareous, heavy iron oxide staining (mottles it strong brown color), very thin fine grained sand seams at 47 ft | 6 87 | 0 | |
| 1624 9 | 48 | | Bottom of Hole | | | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-33 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1672 7 | 0 | | | | | |
| 1672 2 | 0 5 | | Concrete | | | |
| | | CL | Silty clay, brown, moist, firm, calcareous, calcium carbonate nodules | | | Next to TCE Tank<br>Time 8 50-10 50 |
| 1669 7 | 3 | | | | | |
| | | CL-ML | Silty clay, brown, moist, firm, calcareous, 5% gravels | 6 24 | 1 | |
| 1667 7 | 5 | | | | | |
| | | ML | Clayey silt, brown, moist, med firm, calcareous, 5% gravels | | | |
| 1664 7 | 8 | | | | | |
| | | CL | Silty clay, brown, moist, calcareous, calcium carbonate nodules, slight iron oxide staining | 7 10 | 21 | |
| | | | | | | Hole caved (dry)@ 12 4 ft on 8-1-88 |
| 1659 7 | 13 | | | | | |
| | | ML | Clayey silt, brown, moist, medium firm, calcareous | 6 95 | 12 4 | |
| 1658 7 | 14 | | | | | |
| | | CL | Silty clay, brown, moist, medium firm, calcareous, slight iron oxide and manganese staining, low plasticity | | | |
| | | | | 7 20 | 20 | |

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# BORING LOG

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No SB-3 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | hNL | Remarks |
|---|---|---|---|---|---|---|
| 1652 7 | 20 | CL | Same as above but has heavy concentrations of iron oxide, calcium carbonate and manganese nodules and fragments | 7 14 | 12 | |
| 1648 7 | 24 | CL | Silty clay, brown to dark brown, wet, medium firm , calcareous, calcium carbonate, iron oxide and manganese particles | 7 57 | 7 | 30 4 ft to water IAD |
| 1639 7 | 33 | ML | Clayey silt, brown, wet, firm, noncalcareous | 7 13 | 6 | 34 5 ft to cave-in IAD |
| 1633 7 | 39 | CL | Silty clay, dark grayish brown, wet, med firm , noncalcareous | 6 85 | 0 4 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-33 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-22-88 |

| Elevation | Depth | Group Symbol | Description of Materials | DH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1632.7 | 40 | CL | Silty clay, very dk grayish brown, med firm, noncalcareous, brown mottling, slight manganese staining | | | |
| 1631.7 | 41 | CL | Silty clay, dark greenish gray, wet, medium firm, noncalcareous | 7 20 | 0 | |
| 1629.7 | 43 | | Bottom of Hole | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-34 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-27-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1673 3 | 0 | | | | | |
| 1672 8 | 0 5 | | Concrete | | | |
| | | CL | Silty clay, dark olive with black mottling, moist, firm, noncalcareous | 6 58 | 0 | Next to Galvanizing bldg Time 1 05-2 30 |
| 1667 3 | 6 | CL | Silty clay, yellowish brown, moist, hard, noncalcareous slight olive mottling. | | | |
| 1665 3 | 8 | CL | Silty clay, yellowish brown, moist, medium firm, very calcareous, calcium carbonate nodules (1/8" size) Turns brown at 13 ft | 6 70<br>7 24 | 0<br>0 | |
| 1655 3 | 18 | CL | Silty clay, dark yellowish brown, moist, hard, calcareous | 7 38 | 0 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB -34 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-27-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1653 3 | 20 | CL | Same as above | 7 27 | 0 | |
| 1647 3 | 26 | CL | Silty clay, dark yellowish brown, wet, medium firm, noncalcareous | 6 90 | 0 6 | |
| 1641 3 | 32 | CL | Silty clay, very dark grayish brown, wet, hard, noncalcareous | 7 0 | 2 | 32 3ft to water on 8-1-88 |
| 1639 3 | 34 | ML | Clayey silt, very dark grayish brown, wet, medium firm, noncalcareous | | | |
| 1638 3 | 35 | CL | Silty clay, very dark grayish brown, wet, hard, noncalcareous, iron oxide & manganese staining | | | |
| 1635 3 | 38 | ML-CL | Interbedded silts and clays, dark yellowish brown, wet, firm, noncalcareous, slight manganese staining | 6 37 | 1 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6-in. continuous flight auger | Standard Penetration Test | | Boring No SB-3 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-27-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | hNU | Remarks |
|---|---|---|---|---|---|---|
| 1633 3 | 40 | ML | Silty, dark yellowish brown, wet, firm, noncalcareous | | | 40.5 ft to cave-in 8-1-88 |
| 1632 3 | 41 | CL | Silty clay, dark greenish gray, wet, hard, noncalcareous, heavy manganese staining | 6 37 | 0 | |
| 1630 3 | 43 | | Bottom of Hole | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-35 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-27-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1678 4 | 0 | CL | Silty clay, dark yellowish brown, moist, firm, noncalcareous | | | Just East of TH-37<br>Time 3 45-4 |
| | | | | 5 91 | 0 | |
| 1674 4 | 4 | CL | Silty clay, dark yellowish brown, moist, firm, very calcareous, calcium carbonate nodules | | | |
| | | | | 7 40 | 0 | |
| | | | | 7 20 | 0 | |
| 1662 4 | 16 | CL | Silty clay, yellowish brown, moist, firm, calcareous, calcium carbonate cemented clay nodules | | | |
| | | | | 7 43 | 0 | |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-35 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-27-88 |

| Elevation | Depth | Group Symbol | Description of Materials | ph | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1658 4 | 20 | CL | Same as above but dark yellowish brown and noncalcareous. | | | |
| | | | | 7 40 | 0 | |
| 1654 4 | 24 | CL | Silty clay, brown, moist, hard, slightly calcareous, becomes wet at 28 ft | | | |
| | | | | 7 54 | 0 | |
| | | | | 7 37 | 0 | |
| 1644 4 | 34 | ML | Clayey silt, brown, wet, medium firm, noncalcareous | | | |
| 1643 4 | 35 | CL | Silty clay, brown, wet, medium firm,, noncalcareous | | | 35 4 ft to water 8-1-88 |
| 1641 4 | 37 | ML | Silt, brown, wet, medium firm, noncalcareous | | | 37 6 ft to cave-in 8-1-88 |
| | | | | 7 25 | 0 | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-35 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-27-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1638 4 | 40 | ML | Same as above but slightly iron oxide stained. | | | |
| 1635 4 | 43 | CL | Thin interbedded sand lenses in a clay, brown, wet, firm | 6 72 | 0 | |
| 1634 4 | 44 | CL | Silty clay, brown, wet, firm, noncalcareous, slight manganese staining | | | |
| 1631 9 | 46 5 | CL | Clay with sand, brown, wet, hard, noncalcareous, 15-20% fine to medium sand, few angular feldspars | 6 95 | 0 | |
| 1630 4 | 48 | | Bottom of Hole | | | |

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# BORING LOG

**PROJECT** Lindsay Manuf cturing 1988, Shallow Soils Investigation

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No SB-36 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-28-88 |

| Elevation | Depth | Group Symbol | Description of Materials | ph | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1676 0 | 0 | CL | Silty clay, dark yellowish brown, moist, firm, calcareous | | | Between SB-35 and TH-37<br>Time 12 15-1 10 |
| 1673 0 | 3 | CL | Silty clay, yellowish brown, moist, firm, calcareous, calcium carbonate nodules, hard at 8 ft | 5 92 | 0 | |
| | | | | 6 67 | 0 | |
| | | | | 6 72 | 0 | |
| 1660 0 | 16 | CL | Silty clay, dark yellowish brown, moist, firm, noncalcareous | 7 16 | 0 | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-36 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-28-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1656 0 | 20 | CL | Same as above but is hard | 7 22 | 0 | |
| 1651 0 | 25 | CL | Silty clay, dark yellowish brown, wet, firm, noncalcareous, slight manganese staining | 7 17 | 0 | |
| 1647 0 | 29 | CL-ML | Silty clay, brown, wet, medium firm, noncalcareous | | | |
| 1645 0 | 31 | ML | Clayey silt, brown, wet, medium firm, noncalcareous | | | |
| 1643 0 | 33 | CL | Silty clay, brown, wet, medium firm, noncalcareous, iron oxide staining, few thin interbedded sand lenses | 7 19 | 0 | 33 4 ft to water IAD 8-1-88<br>34 8 ft to cave-in IAD |
| 1639 0 | 37 | SP | Sand, brown, wet, dense, non-calcareous, fine grained, mostly quartz, 5% feldspar, 10% manganese particles | 7 05 | 0 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No SB-36 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-28-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1636 0 | 40 | SP | Same as above | | | |
| 1634 5 | 41 5 | CL | Silty clay, brown, wet, firm, noncalcareous, manganese particles | 7 08 | 0 | |
| 1633 0 | 43 | | Bottom of Hole | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | |
|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | Boring No SB-37 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 7-29-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | hNU | Remarks |
|---|---|---|---|---|---|---|
| 1681 9 | 0 | CL | Silty clay, very dark gray to black, moist, firm, noncalcareous is mottled very dark brown at 3 ft | 6 62 | 0 | Just East of the Crane Bay Time 6 45=8 20 |
| 1676 9 | 5 | CL | Lean clay, yellowish brown, moist firm, noncalcareous, medium plasticity | 7 31 | 0 | |
| 1673 4 | 8 5 | CL | Silty clay, brown, moist, firm, very calcareous, calcium carbonate nodules. | 6 91<br>7 07 | 0<br>0 | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-37 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in o.d. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-29-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1661 9 | 20 | CL | Silty clay, yellowish brown, wet, firm, calcareous | | | |
| 1658 9 | 23 | CL-ML | Silty clay, yellowish brown, wet, medium firm, calcareous | 7 10 | 0 | |
| 1655 9 | 26 | CL-SP | Silty clay with thin interbedded sand lenses, brown, wet, medium firm, noncalcareous, sand is fine grained | 7 32 | 0 | |
| 1652 9 | 29 | CL-ML | Silty clay with interbedded silt lenses, pale brown, moist, firm, noncalcareous | 7 07 | 0 | |
| 1647 4 | 34 5 | SP | Sand, yellowish brown, dry, dense, noncalcareous, fine to med grained, mostly quartz, zones of iron oxide staining | | | |
| 1644 4 | 37 5 | CL | Silty clay, yellowish brown, moist, firm, noncalcareous, slight manganese staining | 7 37 | 0 | |

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# BORING LOG

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| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-37 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall 2 in o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 7-29-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1641 9 | 40 | CL | Silty clay with interbedded silt lenses, brown, wet, medium firm, noncalcareous, manganese staining | | | 40 4 ft to water 8-1-88 |
| 1639 9 | 42 | ML | Clayey silt, brown, wet, medium firm, noncalcareous, manganese staining | 7 13 | trace | |
| 1634 9 | 47 | CL | Silty clay, light yellowish brown with light gray mottling, wet, firm, noncalcareous, manganese staining | 7 05 | 1 | 50 1 ft to cave-in 8-1-88 |
| 1629 9 | 52 | CL | Sandy clay, pale brown, wet, firm, noncalcareous, 40% fine to coarse sand, 5% gravel, few angular feldspars | 7 29 | 1 | |
| 1628 9 | 53 | | Bottom of Hole | | | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Snallow Soils Investigation

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No SB-3E |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 8-1-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1666 2 | 0 | | | | | |
| 1665 7 | 0 5 | | Asphalt | | | |
| | | CL | Silty clay, black, wet, medium firm, noncalcareous, is very dark grayish brown at 3 ft low to medium plasticity | 6 61 | 0 | West of SB-20 by the creek Time 12 45-2 00 |
| 1658 2 | 8 | CL | Silty clay, dark yellowish brown, moist, firm, noncalcareous | 6 32 | 0 | |
| 1656 7 | 9 5 | CL | Silty clay, dark brown, wet, medium firm, noncalcareous | | | |
| 1654 2 | 12 | ML | Clayey silt, dark brown, wet, medium firm, noncalcareous | 6 30 | 0 | |
| 1652 2 | 14 | CL | Silty clay, dark brown, wet, medium firm, noncalcareous, some organics | 6 32 | 0 | |

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# BORING LOG

**PROJECT** Lindsay Manufacturing 1988, Shallow Soils Investigation

| | | |
|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | Boring No SB-38 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in od Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 8-1-88 |

| Elevation | Depth | Group Symbol | Description of Materials | pH | HNU | Remarks |
|---|---|---|---|---|---|---|
| 1646 2 | 20 | CL | Same as above but is mottled gray and has slight iron oxide staining | | | |
| 1644 2 | 22 | CL | Silty clay, brown, wet, medium firm, noncalcareous, iron oxide & manganese stained | 6 37 | 0 | |
| 1642 2 | 24 | ML | Clayey silt, brown, wet, medium firm, noncalcareous, iron oxide & manganese stained, calcium carbonate cemented clay at 25' snails found at 28 ft | 6 59 | 0 | 27 7 ft to water 8-1-88<br>28 8 ft to cave-in 8-1-88 |
| 1637 2 | 29 | CL | Silty clay, grayish brown, wet, firm, slightly calcareous, extensive iron oxide staining | | | |
| 1635 2 | 31 | SP | Same as above but has thin interbedded sand lenses | | | |
| 1634 2 | 32 | SP | Sand, yellowish brown, wet, dense, noncalcareous, fine grained, 5-10% medium grained sands | 6 46 | 0 | |
| 1631 7 | 34 5 | CL | Sandy clay, yellowish brown, wet, firm, noncalcareous, 40/ fine sand, slight iron oxide staining, turns brown with 5/ angular fine gravel feldspars at 37 ft | 6 49 | 0 | |
| 1628 2 | 38 | | Bottom of Hole | | | |

# APPENDIX I

F Test Hole TH87-1 through 87-8

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PROJECT

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| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # Test Hole 87-1 |
|---|---|---|---|---|---|---|---|
| 6/24/87 19.7' | 7/21/87 24.3' | 6/24/87 33.1' | 7/21/87 32.1' | Lindsay, Nebraska T20N, R3W, S17 | Start | 2 55 | Sheet 1 Of 2 |
| 7/28/87 30.1' | 7/29/87 31.03' | 7/28/87 32.0' | 7/29/87 32.0' | North of NE Hwy 91 | End | 3 45 | Date 6/23/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1672 0' | 0 | | Concreate light grey | | |
| 1671 5' | 0 5' | CL | Silty clay, topsoil, dark greyish brown to very dark greyish brown, contains 1-2% pale olive to olive coloured clay lenses | | A 5" hole was drilled using a rotary rig |
| 1669 0' | 3 0' | CL | Silty clay, plastic, grey to olive grey, occasionally Fe and Mg stained | | Sample cuttings were obtained at 5' intervals |
| 1650 0' | 22 0' | CL | Silty clay, plastic, olive grey to olive, bottom 5' contains 2-5% fine grained, rounded clastic orgin sands, primarily quartz and feldspar composition | | For the sample interval 45 - 50' Cu - 13 33 Cc - 2 24 |
| 1625 0' | 47 0' | SW | Sand fine to medium grained, subrounded to rounded, moderately to poorly sorted, contains 5-15% fine gravel and <10% yellow to yellow brown silt, granitic orgin sand composition quartz 85-95%, feldspar 10-15%, other 2-3% | | For the sample interval 80 - 85' Cu - 8 48 Cc - 1 02 |
| 1588 0' | 84 0' | CH | Clay, brownish yellow, (locally known as yellow ocher), highly calcareous, contains 1-3% angular conchoidally, fractured 1-5 mm diameter chert fragments | | |
| 1585 0' | 87 0' | | | | |

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| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # ~~Test Hole~~ 87-1 |
|---|---|---|---|---|---|---|---|
| | | — | | Lindsay, Nebraska T20N, R3W, S17 North of NE Hwy 91 | Start | 2 55 | Sheet 2 Of 2 |
| | | | | | End | 3 45 | Date 6/23/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1585 0' | 87 0' | CH | Clay, brownish yellow, (locally known as yellow ocher), highly calcareous, contains 1-3% angular conchoidally, fractured 1-5 mm diameter chert fragments | | Well Contractor<br>Grosch Irrigation Co<br>O'Neil, NE<br><br>Driller<br>Bob McGill |
| 1582 0' | 90 0' | | Bottom of Hole (BOH) 1582 0' | | |

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| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # Test Hole 87-2 |
|---|---|---|---|---|---|---|---|
| 6/24/87 16 7' | 7/21/87 19 3' | 6/24/87 Not Deter. | 7/21/87 32.3 | Lindsay, Nebraska T20N, R3W S17 North of NE Hwy 91 | Start | 2 35 | Sheet 1 Of 2 |
| 7/28/87 24 95' | | 7/28/87 32.75' | | | End | 3 10 | Date 6/24/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1665 2' | 0 | CL | Silty clay topsoil, dark greyish brown to very dark greyish brown, weakly calcareous, contains scattered lenses of light olive brown to olive yellow clay (5%) | | A 5" hole was drilled using a rotary rig<br><br>Sample cuttings were obtained at 5' intervals |
| 1648 2 | 17' | CL | Silty clay, plastic, dark brown to dark greyish brown, Fe and Mg stained | | |
| 1629 2' | 36' | CL | Silty clay olive grey to light grey Fe stained, contains 2-4% fine grained, rounded quartz and feldspar grains | | |
| 1623 2 | 42' | SP | Sand, medium grained, rounded to sub-rounded, well sorted to moderately well sorted, contains <10% fine gravel and <5% silt particles Sands and gravels are of granitic orgin and have the following composition quartz 80-95% feldspar 5-15%, other 2-5% | | For the sample interval 40 - 45' Cu - 5 6 Cc - 1 15<br><br>For the sample interval 80-85' Cu - 5 23 Cc - 1 13 |
| 1579 2 | 86' | | | | |

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| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # ~~Test Hole~~ 87-2 |
|---|---|---|---|---|---|---|---|
| | | — | | Lindsay, Nebraska T20N, R3W, S17 North of NE Hwy 91 | Start | 2 35 | Sheet 2 Of 2 |
| | | | | | End | 3 10 | Date 6/24/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | | Remarks |
|---|---|---|---|---|---|---|
| 1579 2' | 86' | CH | Clay, yellow to brownish yellow, highly calcareous, contains 1-2% angular chert pieces, and 1-2% granitic orgin clastic pieces, Fe and Mg stained | | | |
| 1570 2' | 95' | | BOH @ 1570 2' | | | |

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Test Hole

| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # 87-3 |
|---|---|---|---|---|---|---|---|
| 6/24/87 48.8' | 7/21/87 52.0' | 6/24/87 67.85' | 7/21/87 64.1' | Lindsay, Nebraska T20N, R3W, S17 | Start | 12 10 | Sheet 1 Of 2 |
| 7/28/87 59.55' | 7/29/87 59.05' | 7/21/87 64.1' | 7/29/87 64.1' | North of NE Hwy 91 | End | 1 35 | Date 6/24/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1694 8' | 0' | ML | Clayey silt olive brown, weakly calcareous contains 1-2% fine calcareous nodule fragments | | A 5" hole was drilled using a rotary rig<br><br>Sample cuttings were obtained at 5' intervals |
| 1686 8' | 8' | CL | Silty clay, plastic, pale brown to light yellowish brown, has occasional Fe and Mg staining | | |
| 1674 8' | 20' | CL | Silty clay, pale brown to brown, as above | | |
| 1653 8' | 41' | CL | Silty clay, yellowish brown, as above Bottom 10' contains 5% granitic orgin fine grained rounded quartz and feldspar grains | | |
| 1624 8' | 70' | SM | Silty sand, brown to yellowish brown fine to medium grained, subrounded to subangular, poorly sorted to moderately sorted Sands are granitic orgin, composition quartz 90-95%, feldspar 7-10% | | For the sample interval<br>70 - 75'<br>Cu - 15 65<br>Cc - 2 84 |
| 1620 8 | 74' | | | | |

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Test Hole

| Depth To Water | Cave-In | Location | Drilling Time | | Probe # 87-3 |
|---|---|---|---|---|---|
| | | Lindsay Nebraska | Start | 12 10 | Sheet 2 Of 2 |
| | | T20N, R3W, S17 | | | |
| | | North of NE Hwy 91 | End | 1 35 | Date 6/24/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| | | SM | Silty sand, (continued) other 2-3%, silts <13% of total | | |
| 1617 8' | 77' | | | | |
| | | SW-SP | Sand coarse grained subrounded to rounded, poorly sorted, granitic orgin, composition quartz 90-95%, feldspar 5-8%, other 2% | | |
| 1599 8' | 95' | | | | |
| | | SP-SW | Sand medium to coarse grained sub-rounded to rounded, moderately well sorted, granitic orgin, composition quartz 85-95%, feldspar 10-12% other 2-3% | | For the sample interval 100 - 105' Cu - 5 41 Cc - 0 91 |
| 1577 8' | 117' | | | | |
| | | CL | Sandy clay, light grey to light brownish grey, contains angular chert fragments (5%), and fine grained granitic orgin quartz and feldspar grains (5%) | | |
| 1574 8' | 120' | | | | |
| | | CH - | Clay, olive yellow to olive, highly calcareous, contains 5% scattered light grey clay lenses and 2-5% angular chert and granitic orgin clastic particles | | |
| 1559 8' | 135' | | | | |

BOH @ 1559 8'

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Test Hole

| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # 87-4 |
|---|---|---|---|---|---|---|---|
| 6-24-87 76 3' | 7-21-87 79.2' | 6-24-87 Not Determined | 7-21-87 | Lindsay Nebraska T20N, R3W, S17 | Start | 12 05 | Sheet 1 of 2 |
| 7-28-87 82.85' | 7-29-87 88.95' | 7-28-87 122.55' | 7-28-87 122.35' | North of NE Hwy 91 | End | 1 53 | Date 6/23/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1736 7' | 0' | CL | Silty clay, grey to olive grey, weakly calcareous, contains 3-4% medium grained subrounded quartz and feldspar grains | | A 5" hole was drilled using a rotary rig |
| 1734 7' | 2' | CL | Sandy clay, plastic, dark greyish brown, contains 10% medium grained, subrounded quartz and feldspathic composition grains | | Sample cuttings were obtained at 5' intervals |
| 1723 7' | 13' | CL | Silty clay plastic, dark greyish brown occasional Mg and Fe staining | | |
| 1706 7' | 30' | CL | Silty clay, plastic, light brownish grey to pale brown, occasional Mg and Fe staining, weakly calcareous | | |
| 1687 7' | 49' | CL | Silty clay greyish brown, Mg and Fe stained | | |
| 1684 7' | 52' | CL | Silty clay olive grey | | |
| 1651 7' | 85' | | | | |

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Test Hole

| Depth To Water | | - Cave-In | | Location | Drilling Time | | Probe # 87-4 |
|---|---|---|---|---|---|---|---|
| | | - | | Lindsay, Nebraska T20N R3W S17 North of NE Hwy 91 | Start | 12 05 | Sheet 2 Of 2 |
| | | | | | End | 1 53 | Date 6/23/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1651 7' | 85' | CL | Silty clay, olive grey, Mg and Fe stained | | |
| 1636 7' | 100' | CL | Silty clay, plastic, yellowish brown to pale brown | | |
| 1623 7' | 113' | CL | Sandy clay, pale brown, contains 15% fine grained granitic orgin rounded quartz and feldspar grains | | |
| 1621 7' | 115' | SW | Sand, medium to coarse grained, rounded to subrounded poorly sorted, granitic orgin Composition quartz 90-95%, feldspar 5-8%, other 1-2% Contains <10% light to pale yellow silt | | For the sample interval 140 - 145' Cu - 6 67 Cc - 1 19 |
| 1578 7' | 158' | CL | Sandy clay, yellowish brown, contains 10-15% fine grained angular to subrounded quartz and feldspar grains | | For the sample interval 155 - 160' Cu - 59 92 Cc - 2 83 |
| 1563 7 | 173' | CH | Clay, yellowish to brownish yellow, occasionally Mg stained, highly calcareous, contains 2-3% angular chert fragments and 2% quartz and feldspathic composition fragments | | |
| 1556 7' | 180' | | | | |

BOH @ 1556 7'

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Test Hole

| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # 87-5 |
|---|---|---|---|---|---|---|---|
| 7-28-87 31.35' | — | 7-28-87 108.8 | | Lindsay, Nebraska T20N, R3W, S20 South of NE Hwy 91 | Start | 11 00 | Sheet 1 Of 2 |
| | | | | | End | 12 20 | Date 7/27/87 |

| Elevation Approximately | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1665' | 0' | | Concrete light grey | | A 5" hole was drilled using a rotary rig |
| 1664 5 | 0 5' | ML | Clayey silt topsoil, dark grey | | |
| 1657' | 8' | CL | Silty clay, plastic, olive brown, commonly Mg and Fe stained Highly calcareous contains 2-5 mm sized, angular shaped nodule fragments | | Sample cuttings were obtained at 5' intervals |
| 1617' | 48' | CL | Silty clay, plastic, dark greyish brown to olive brown, contains 1-2% angular 2-4 mm sized fragments of calcareous material 10% grey clay seams, and 2-3% medium grained subrounded sand grains | | |
| 1613' | 52' | SW-SP | Sand, medium to coarse grained, sub-rounded to subangular, moderately well sorted granitic orgin material of composition quartz 85-95%, feldspar 4-15%, other 4-8% contains <10% olive brown silts | | For the sample interval 55 - 60' Cu - 15 28 Cc - 2 18<br><br>For the sample interval 80 - 85' Cu - 6 19 Cc - 0 84 |
| 1567' | 98' | CL | Clayey sand, light grey to white containing 70% subrounded, 2-20 mm sized, moderately sorted chert, quartz and feldspar fragments | | |
| 1565' | 100' | | | | |

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| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # Test Hole 87-5 |
|---|---|---|---|---|---|---|---|
| | | | | Lindsay, Nebraska T20N, R3W, S20 South of NE Hwy 91 | Start | 11 00 | Sheet 2 Of 2 |
| | | | | | End | 12 20 | Date 7/27/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1565' | 100' | CL | Clay sand, as above | | |
| 1564' | 101' | CH | Clay, pale yellow to yellow, occasionally Fe stained, highly calcareous Top 5' contains 10-15% subrounded chert quartz, and feldspar grains | | |
| 1545' | 120' | | BOH @ 1545' | | |

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Test Hole

| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # 87-7 |
|---|---|---|---|---|---|---|---|
| 7-28-87 29.35' | 7-29-87 29.55' | 7-28-87 29.65' | 7-29-87 29.65' | Lindsay, Nebraska T20N, R3W, S17 | Start | 1 40 | Sheet 1 Of 2 |
| | | | | North of NE Hwy 91 | End | 2 40 | Date 7/27/87 |

| Elevation Approximately | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1678' | 0' | | Concreate, light grey | | |
| 1677 5' | 0 5' | CL | Silty clay, plastic, olive brown highly calcareous, containing 2-5 mm sized, angular nodule fragments | | A 5" hole was drilled using a rotary rig |
| 1656' | 22' | SM | Silty sand, fine grained, subangular to subrounded, moderately well sorted, weakly calcareous, contains <20% light olive brown to olive brown silt Sand portions composition quartz 95-98%, feldspar 2-4%, other 1% Bottom 5' contains numerous pods of greenish grey clay | | Sample cuttings were obtained at 5' intervals |
| 1638' | 40' | ML | Sandy silt olive, Fe stained contains seams of light grey clay clastic 10-15% portion is fine grained, subrounded granitic orgin material | | For the sample interval 45 - 50' Cu - 8 40 Cc - 2 31 |
| 1630' | 48' | SP-SW | Silty sand (continued) | | |
| 1629' | 49' | | | | |

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Test Hole

| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # 87-7 |
|---|---|---|---|---|---|---|---|
| | | | | Lindsay, Nebraska T20N, R3W, S17 North of NE Hwy 91 | Start | 1 40 | Sheet 2 Of 2 |
| | | | | | End | 2 40 | Date 7/27/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1629' | 49' | SP-SW | Silty sand, medium to coarse, subrounded to subangular, poorly sorted to moderately well sorted, slight Mg coating of some grains Material is of granitic orgin, composition quartz 80-95%, feldspar 5/15% other 1/5% The more coarse interval portions are more poorly sorted and contain larger 0/0's of feld spathic material Olive to olive brown silts are <10% of total | | For the sample interval 85 - 90' Cu - 4 55 Cc - 1 07 |
| 1580' | 98' | CH | Clay yellow to pale yellow, very calcareous with occasional Fe and Mg staining and scattered lenses of light grey clay Contains 10% medium grained subangular, granitic orgin clastic grains and chert fragments | | |
| 1573' | 105' | | BOH @ 1573' | | |

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Test Hole

| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # 87-8 |
|---|---|---|---|---|---|---|---|
| 7-28-87 41.05' | 7-29-87 37.15' | 7-28-87 50.65' | 7-29-87 37.45' | Lindsay, Nebraska T20N R3W, S17 North of NE Hwy 91 | Start | 2 55 | Sheet 1 Of 2 |
| | | | | | End | 3 55 | Date 7/27/87 |

| Elevation Approximately | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1674 5' | 0 | CL | Silty clay, topsoil/fill, greyish brown, weakly calcareous, Mg and Fe stained | | A 5" hole was drilled using a rotary rig |
| 1655 5' | 19' | CL | Silty clay, plastic, dark grey, Mg stained, contains occasional angular calcareous fragments, and streaks of olive yellow to yellow clay | | Sample cuttings were collected at 5' intervals |
| 1626 5' | 48' | SM | Silty sand fine to medium grained subangular to subrounded, moderately well sorted, Mg stained Olive brown silts <15% of total Sand grain composition quartz 80 - 95%, feldspar 5-15%, other 2-5% | | |
| 1621 5' | 53' | SP-SW | Sand medium to coarse, subangular to subrounded, poorly to moderately well sorted, Mg coating of mineral grains Olive silts are <10% of total composition sand grain are of granitic orgin composition quartz 80-95% feldspar 5-15%, other 2-5% | | For the sample interval 55 - 60' Cu - 9 0 Cc - 1 93 |
| 1616 5 | 58' | | | | |

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| Depth To Water | | Cave-In | | Location | Drilling Time | | Probe # Test Hole 87-8 |
|---|---|---|---|---|---|---|---|
| | | | | Lindsay, Nebraska T20N, R3W, S17 North of NE Hwy 91 | Start | 2 55 | Sheet 2 Of 2 |
| | | | | | End | 3 55 | Date 7/27/87 |

| Elevation | Depth | Group Symbol | Description Of Materials | Sample No | Remarks |
|---|---|---|---|---|---|
| 1616 5' | 58' | SP-SW | Sand, as before | | For the sample interval 75 - 80' Cu - 4 55 Cc - 1 01 |
| 1571 5' | 103' | CH | Clay, yellow to pale yellow Mg stained, highly calcareous Top 5' contains 30% 5-25 mm sized, subangular poorly sorted chert and granitic orgin particles Chert is more abundant towards bottom of hole | | |
| 1564 5' | 110' | | BOH @ 1564 5' | | |

## APPENDIX I

G Soil Borings 87-1 through 87-8

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PROJECT 47-4020

Lindsay Manufacturing

# BORING LOG

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test_ | | | Boring No 87-1 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1674 11 | 0 0 | CL | Lean clay, traces of sand, light brown, wet, low plasticity stiff, fill | | | |
| | 2 0 | CL | Lean clay, dark grayish brown, dry, low to medium plasticity, medium stiff, fill | | | |
| | 3 0 | CL | Lean clay very dark grayish brown wet, medium plasticity, stiff, traces of fine sand organics | | | |
| | 4 0 | CH | Fat clay, dark olive brown, moist, high plasticity, stiff | | | |
| | 5 0 | CL | Lean clay grayish brown, wet, medium plasticity, stiff, trace of fine sand | | | |
| | 6 0 | CL | Lean clay olive brown wet, medium plasticity very stiff, trace of fine sand | | | |
| | 9 0 | CL | As above low plasticity higher silt content no sand | - / 240 | | |
| | 15 0 | | | - / 236 | | |
| 1654 11 | 19 5 | CL | Lean clay, olive brown, low plasticity, wet, medium dense | 6 8 / 260 | | |

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# BORING LOG

PROJECT

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No 87-1 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall 2 in.od. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1654 11 | 20 0 | CL | As above, saturated, loose, some grayish mottling and oxidation, slightly calcareous | | | Depth to water 5/15/87 |
| 1653 01 | | | | | | Depth to water Immediately after drilling (I A D ) |
| | 22 0 | | | 6 7 / 301 | | CAVE IN (C I ) 5/14/87 |
| 1651 31 | | | | | | C I I A D |
| | 25 | | | 6 5 / 280 | | |
| | 27 0 | | | 6 6 / 234 | | |
| | 29 0 | | | | | |
| | 30 0 | | | 6 3 / 180 | | |
| | 31 0 | | | | | |
| | | ML | As above, more grayish mottling and oxidation staining, some manganese concretions Thin seam of silty sand at 35 0', 40% fines, gray, saturated, loose | 6 2 / 225 | | |
| | 35 0 | SM | | 6 7 / 240 | | |
| | | ML | As above | | | |
| | | | | 5 7 / 203 | | |
| 1636 11 | 38 0 | CL | Lean clay, trace of fine sand, heavily mottled, olive gray, saturated, low-med plasticity; med stiff-stiff Thin sand seam (SM) @ 38 5 ft | 5 9 / 223 | | |
| 1634 11 | 40 | | | | | |

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|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | Boring No 87-1 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall / 2 in.od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| | 40 | CL | As above, some oxidation, traces of fine sand | 5.2 / 321 | 3<br>4<br>5 | N=9 |
| 1632 61 | 41 5 | | Bottom of Hole @ 41 5' | | | |

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# BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test - | | Boring No 87-2 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1675 41 | 0 0 | CL | Lean clay, grayish brown, moist; medium plasticity, medium stiff; fill with sand, gravel, plus trash, limestone and quartz pebbles | - 215 | | |
| | 3 0 | | | | | |
| | 3 5 | CL | Lean clay, black mottled with gray, moist, medium plasticity, stiff, fill with reworked top-soil | - -19 | | |
| | 5 0 | | | - -97 | | |
| | 6 0 | | | - -85 | | |
| | 6 5 | CL | As above, moist, rootlets and other organic material | - -57 | | |
| | 7 0 | | | | | |
| | 8 0 | | | - 150 | | |
| | 9 0 | CL | Lean clay, olive brown, wet, medium plasticity, very stiff Some coarse sand-sized cal-careous concretions and smaller manganese specks | | | |
| | 11 0 | | | - 259 | | |
| | 13 0 | | | - 235 | | |
| | 15 0 | | | - 245 | | |
| | 17 0 | | Silty clay, olive brown mottled with gray, wet, low plasticity, very stiff, some calcareous and manganese concretions | | | |
| | 18 0 | CL-ML | | - 240 | | |
| | 19 0 | | | - 270 | | |

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No 87-2 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1655 41 | 20 0 | ML | Silt, low plasticity, olive brown mottled with gray and yellow, wet to saturated @ 21 0 ft, medium dense, some calcareous and manganese concretions | 6.6 / 258 | | |
| | 21 0 | | | | | Depth to water 22 2 ft 5/15/87 |
| | 23 0 | | | | | CAVE IN I A D |
| | 25 0 | | | 6 4 / 236 | | Bagged Sample 24 0-25 0 ft |
| | | ML | As above, some heavily oxidized lenses | | | |
| | 27 0 | | | 6 2 / 267 | | |
| | 29 0 | | | 6 1 / 256 | | |
| | 30 0 | | | 6 2 / 138 | | |
| | | ML | As above, some dark organic staining | | | |
| | 32 0 | | | 6 0 / 240 | | |
| | 34 0 | | | 6 0 / 280 | | |
| | 35 0 | | | 5 9 / 237 | | |
| | 36 0 | | | | | |
| | 37 0 | | | 5 8 / 274 | | |
| | 39 0 | | | 5 8 / 210 | | |

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| | | |
|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test _ | Boring No 87-2 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1635 41 | 40 0 | | As above | | | Photo of staining @ 41 5 ft |
| | 41 0 | | | 5 9 / 260 | | |
| | 42 0 | | | 5 4 / 28 | | Bagged Samples |
| | | | | | | 1 44' - 45' |
| 1631 41 | 44 0 | CL | Lean clay, olive gray, saturated, low-med plasticity, stiff, thin seams of ML and SM to Bottom of Hole | 4 8 / 55 | | 2 46' - 47' |
| | 46 0 | | | 4 6 / 118 | | |
| 1628 41 | 47 0 | | | 3 9 / 146 | | |
| | | | Bottom of Hole @ 47 0' | | | |

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|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test - | | Boring No 87-3 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1675 35 | 0 0 | CL | Lean clay, dark brown to light brown, dry to slightly moist, low to medium plasticity, very stiff, fill, with some olive gray mottling, gravel, rubble, and organics | - 208 | | |
| | 2 0 | | | - -44 | | |
| | 4 0 | | | - 218 | | |
| | 6 0 | CL | Lean clay, olive gray mottled with dark gray and light brown, moist, low plasticity, very stiff, fill, traces of fine sand, gravel and rubble | - 205 | | |
| | 8 0 | | | - -48 | | |
| | 10.0 | | | - -60 | | |
| | 12 0 | CL | Lean clay, very dark gray, wet, medium plasticity, stiff, organic odor and roots | - -102 | | |
| | 14 0 | | | - -130 | | |
| | 16 0 | | | - -118 | | |
| | 18 0 | | | - -116 | | |
| | 19 0 | | | - -115 | | Bagged Sample 19 5 - 20 0 |

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|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No 87-3 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1655 35 | 20 0 | CL | Lean clay, dark grayish brown, wet, medium plasticity, stiff | - -91 | | |
| | 21 | | | | | |
| | 22 | | | | | |
| | 23 | | | - -104 | | Depth to water 22 8 ft. 5/15/87 |
| | 24 | | | 6 3 -34 | | |
| | 25 | | | | | Two sample jars taken from 25 - 26 5' |
| | 26 | CL | Lean clay, olive brown, saturated, medium plasticity, stiff; some gray mottling, black manganese concretions | - -20 | 3 5 2 | N=12 |
| | 27 | | | - 104 | | Sample bagged from 27 5 to 28 0 C I 5/14/87 |
| 1647 35 | 28 | | | | | Depth to water I A D & C I I A D |
| | 29 | | | - 188 | | |
| | 30 | | | 5 9 170 | | |
| | 31 | | | 6 0 225 | | |
| | 32 | | | | | |
| 1642 35 | 33 | | | 5 9 190 | | |
| | 34 | CL | As above, very stiff, some greenish gray mottling | | | |
| | 35 | | | 5 7 253 | | |
| | 36 | CL | As above, low plasticity, medium stiff | | | |
| | 37 | | | 5 7 235 | | |
| | 38 | | | | | |
| | 39 | | | 5 6 243 | | |

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|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No 87-3 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1635 35 | 40 0 | CL | Lean clay, olive gray, saturated, low plasticity, medium stiff | | | Jar samples of 45 - 50' |
| 1630 35 | 45 0 | CL | As above, some traces of fine sand where oxidation is apparent Thin SM stringer @ 49 0' | 5 7 / 290 | | |
| | 46 0 | | | | | |
| | 48 0 | | | 5 9 / 250 | | |
| 1625 35 | 50 0 | | | 5 6 / 157 | | Sample Bagged (50 - 51 5') |
| | | SP | Poorly graded sand, fine w/few medium rounded subrounded qtz grains, saturated, medium dense to dense | 7 1 / 320 | 5<br>11<br>16 | N=27 |
| 1623 85 | 51 5 | | Bottom on Hole @ 51 5' | | | Drill hole plugged with bentonite |

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| | | |
|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | Boring No 87-4 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.od. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1671 85 | 0 0 | CL | Lean clay, light olive brown, moist, low plasticity, medium stiff, some oxidation and magnesium staining | | | |
| | 5 0 | CL | As above, medium plasticity more oxidation | - 277 | | |
| | 10 0 | CL | As above, wet, medium stiff to stiff | - 250 | | Water Depth 12 3 ft 5/15/87 |
| | 15 0 | CL | As above, low plasticity, soft to medium stiff | 7 0 265 | | Cave In 5/14/87 |
| 1654 05 | | | | | | Depth to water I A D , C I |
| 1652 85 | 19 0 | SM | Silty sand, fine sand 30-40% fines, slightly plastic fine portion, wet, medium dense | - 265 | | |

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|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No 87-4 |
| Undisturbed Soil Sampler 3 in.od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistence N Blows per foot | | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1651 85 | 20 0 | SM | As above, thin silty clay seams at 21 5', 24 0', and 26 5', samples saturated at 25 0' | 7 3 / 268 | | Sample bagged 24 0 - 25 0' |
| | | | | 7 3 / 220 | | |
| 1641 85 | 28 0 | SM | Silty sand, fine sand, 35% fines, saturated, dense | | | |
| 1641 85 | 30 0 | CL | Lean clay with sand, 10-20% fine sand, olive brown, saturated, medium plasticity, medium stiff to stiff some thin silty sand seams (no thicker than ¼"), extensive oxidation along sand seams | 7 1 / 290 | 5<br>5<br>5 | N=10 |
| | 35 0 | | | 6 7 / 285 | 7<br>8<br>12 | N=20 |
| 1633 85 | 38 0 | SP-SM | Poorly Graded sand, fine sand, 5-10% fines, saturated, medium dense, oxidized | | | |

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|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test _ | | Boring No 87-4 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 5-13-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1631 35 | 40 0 | SP | As above | 2.6 / 280 | 8 | |
| | 40 5 | CL | Lean clay, 10-15% fine sand, olive gray, saturated, medium plasticity, very stiff, some brayish brown mottling | | 9 | |
| | | | | | 11 | N=20 |
| 1629 85 | 42 0 | | Bottom of Hole @ 42 0' | | | |

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|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No 87-5 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-13/14-8 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1677 32 | 0 0 | CL | Lean clay, dark gray, moist, low plasticity, medium stiff, fill, some organics and oxidation | | | |
| | 5 0 | CL | Lean clay, brown, moist, low to medium plasticity, stiff to very stiff | - 268 | | |
| | 10 0 | | | | | |
| 1664 32 | 13 0 | SM | Silty sand, fine sand, 20% fines, wet, medium dense, some sandy clay seams and calcareous concretions in clay matrix, | 71 - | | |
| | 15 0 | SP | Poorly graded sand, fine rounded to subrounded sand, trace of fines, light olive gray with some oxidation staining, wet, dense | | | |

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No 87-5 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-13/14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1657 32 | 20 0 | SP | As above, some silty seams, saturated @ 24 0' | 6 7 / 285 | | Bagged samples 22 5-25 0' |
| | 21 0 | | | 36 / 369 | | |
| | 23 0 | | | 3 4 / 368 | | Depth to Water Immediately after Drilling, and on 5/15/87 immediately after drilling I A D |
| | 25 0 | SP | As above thin clay seam @ 28 0 | 3 8 / 410 | | Began Hollow Stem Augering @ 30 0' (5-14-87 a m ) |
| | 29 0 | SM | Silty sand, fine sand, 15% fines, with some silty clay seams, saturated, dense | 3 3 / 441 | | |
| | | | | 34 | 16 | |
| | 31 0 | | | | 20 | |
| | | | | | 25 | N=45 |
| | 35 0 | SM | Silty sand, fine rounded to subrounded sand, 20-30% fines, pale brown, saturated, very dense | | 32 | |
| | | | | | 54 | |
| | | | | | 12 | N=66 |
| | | CL | Lean clay, light brownish gray, saturated, medium plasticity, very stiff, some oxidation along thin sand seams at 40 5' & 42 0' | | | |

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# BORING LOG

PROJECT

Lindsay Manufacturing

| | | |
|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | Boring No 87-5 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 5-13/14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1637 32 | 40 | CL | As above, thin sand seams at 40 5 and 42 0 | | 6<br>8<br>11 | N=19 |
| | 43 5 | CL | As above, shelby tube sample | 3" Ø Shelby Tube #123 | | |
| 1631 82 | 45 5 | | Bottom of Hole at 45 5' | | | |

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# BORING LOG

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | | Boring No 87-6 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1677 60 | 0 0 | CL | Lean clay, grayish brown with some reddish + grayish mottling; moist, medium plasticity, stiff; fill with trash, wire + nails, etc | | | |
| | 4 0 | CL | Lean clay, trace of fine sand, dark gray, moist medium plasticity, stiff | | | |
| | 6 0 | CL | Lean clay, dark grayish brown, moist, medium plasticity, stiff to very stiff | | | |
| | 8 0 | CL | As above, low plasticity, some coarse sand sized calcareous concretions, some oxidation | | | |
| | 11 0 | CL | As above, highly calcareous, some manganese concretions, some "rusty laminations" towards 15 0' | | | |
| 1658 60 | 19 0 | SM | Silty sand, fine sand, 30% fines, olive brown, wet, medium dense | | | |

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|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No 87-6 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| | 20 0 | SM | Silty sand, fine sand, 30% fines, olive brown, wet, medium dense | 3 6 | | |
| | 21 5 | SM | As above, 15-20% fines, some silt seams from 24 0'-25 0' Some occassional yellow discoloration | 2 9 | | |
| 1654 4 | | | | 2 6 | | Depth to water I A D 23 2 ft on 5/15/87 |
| | | | | 2 5 | | |
| | | | | 2 5 | | |
| | | | | 2 4 | | |
| | | | | 2 4 | | |
| | 30 0 | SP | Poorly graded sand, fine sand, trace of fines, gray with some pink staining, saturated, medium dense | 2 8 | 9 | |
| | | | | 2 79 | 9 13 | N=24 |
| | | | | 3 06 | | Sample bagged 30 - 31 5' |
| | | | | 2 4 | | Infield permability test at 32 3 to 34 5 feet (K=1 5 ft/day) |
| | 34 0 | SM | Silty sand, fine sand, 30% fines, gray, saturated, dense | 2 8 | | |
| | 35 5 | ML | Clayey silt, light olive gray with pink and yellow mottling, saturated, slight plasticity, stiff to very stiff | 2 6 | | |
| | 39 0 | SP | Poorly graded sand, fine sand, trace of fines, saturated, medium dense | 2 8 | | |

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# BORING LOG

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|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | Boring No 87-6 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH/eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1637 6 | 40 0 | CL | Lean clay, light olive brown, saturated, low plasticity, stiff | | | |
| 1632 6 | | | Bottom of Hole @ 45 0 ft | | | |

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | Boring No 87-7 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1677 51 | 0 0 | CL | Lean clay, dark gray to olive gray moist low plasticity, stiff, fill, with assorted metal scraps | | | |
| | 7 5 | CL | Lean clay, brownish gray moist, medium plasticity, stiff | | | |
| | 13 0 | CL | Lean clay dark gray, wet, low plasticity medium stiff traces of fine sand and organics | | | |
| | 16 0 | ML | Silt slight to low plasticity, olive brown wet, medium dense | | | |

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|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No 87-7 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.od. Split barrel Sampler | | Sheet 2 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1657 51 | 20 0 | ML | Silt, slight to low plasicity olive brown, wet to saturated at 23 5 ft, medium dense | 5 8 / 252 | | |
| 1654 01 | | | | | | Depth to water immediately after drilling cave in I A D 23 5 on 5/15/87. |
| | 25 0 | | | 5 9 / 260 | | |
| | 30 0 | ML | as above, with thin sand seam (SP) at 31 5 ft | 4 2 / 179 | | |
| | 31 0 | | | | | |
| | 32 0 | | | 3 8 / 201 | | |
| 1645 01 | 32 5 | SM | Silty sand, fine subrounded sand 30%-40% fines light olive brown with some yellow staining saturated, medium dense | 3 7 / 279 | | |
| | 34 0 | | | | | |
| | | | | 4 9 / 220 | 8 | |
| | 35 5 | SP | Poorly graded sand, fine sand, trace of fines pale brown saturated dense | | 15 / 27 | N=42 |
| | 37 0 | | | 2 7 | | Split spoon sample bagged |
| | 39 0 | | | 2 9 | | |

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|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | Boring No 87-7 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| | | SP | As above | 2 7 | 7 | |
| | | | | | 7 | |
| 1636 51 | 41 0 | | | | 12 | N=19 |
| 1636 01 | | CL | Lean clay, yellowish brown, saturated, low plasticity, very stiff | | | |
| | | | BOH @ 41 5' | | | |

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|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | | Boring No 87-8 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1673 40 | 0 5 | | Concrete | | | |
| | | CL | Lean clay, dark brown, moist, medium plasticity, stiff, fill with some rust staining | | | |
| | 4 0 | CL | Lean clay, light olive brown, moist, low plasticity, stiff to very stiff, highly calcareous | | | |
| | 15 0 | CL | As above, medium plasticity | | | |

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| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | | Boring No 87-8 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | | Sheet 2 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1653 4 | 20.0 | CL | Lean clay, light olive brown, wet, low plasticity, stiff to very stiff, some Fe/Mg staining at 22 5' | 6 5 | | Depth to water 20 0 ft on 5/15/87 |
| | | | | | | Depth to water I A D |
| | 25 0 | | | 6 6 | | |
| | 26 0 | | | 315 | | |
| | | ML | Silt, light olive brown, mottled with gray, saturated, low plasticity, loose to medium dense, some Fe/Mg staining in laminations | | | Cave In I A D |
| | 30 0 | | | 6 5 | | |
| | 35 0 | | | 6 5 | | |

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| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No 87-8 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1633 4 | 40 0 | ML | As above | 6 7 / - | 3 | |
| | | | | | 4 | |
| 1632 4 | 41 0 | | | | 4 | N=8 |
| | | CL | Lean clay, olive brown, saturated, low plasticity, medium stiff, trace of sand @ 44 5' | | | |
| | | | | 6 7 / - | | |
| 1628 4 | 45 0 | SP | Poorly graded sand, medium sand with some coarse, angular feldspar grains and subrounded quartz grains, some rust staining, saturated, very dense | | | |
| | | | | 6 9 / - | 16 | |
| | | | | 7 1 / - | 23 | |
| 1621 9 | 51 5 | | | | 29 | N=52 |
| | | | Bottom of Hole @ 51 5' | | | |

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| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | Boring No 87-9 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1672 74 | 0 0 | | Concrete | | | |
| | 0 5 | CL | Lean clay, trace of sand, olive brown, moist, medium plasticity; stiff, calcareous | | | |
| | 9 0 | CL | As above, low plasticity, no sand, numerous calcareous nodules, some fe/mg mottling from 14 0 to 15 0 ft | | | |
| | 15 0 | | | 7 0 | | |
| 1653 74 | 19 0 | | As above, gray mottling, non-calcareous, extensive oxidation | | | |

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| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No 87-9 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1652 74 | 20 0 | CL | As above | 6 9 / - | | Depth to water 20 0 ft on 5/15/87 |
| 1649 24 | 23 5 | SM | Silty sand, fine angular sand, 30% fines, light olive brown, saturated, medium dense | | | Depth to water I A D 23 9 ft |
| 1648 8 | 23 9 | | | | | |
| | 24 5 | CL | Sandy lean clay, 30-40% fine sand olive brown, saturated low plasticity, stiff | 7 2 / - | | |
| | 25 | | | | | |
| | 29 5 | SM | Silty sand, fine sand 20-30% fines, saturated, medium dense, some oxidation from 33-34' | 7 4 / - | 4 | |
| | 30 | | | 7 1 / - | 6 7 | N=13 |
| | 31 | | | | | |
| | 35 5 | CL | Lean clay, light brownish gray, saturated, medium plasticity, stiff, heavily oxidized | 6 7 / 297 | 5 5 11 | N=11 |
| | 36 | | | | | |
| | 37 0 | SM | Silty sand, fine subangular to subrounded sand, 20% fines, saturated, medium dense | | | |
| | 38 5 | SP | Poorly graded sand, fine subangular to subrounded sand, trace of fines, saturated, medium dense, some yellowish discoloration from 40 0 - 41 0' | | | |

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|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test _ | | | Boring No 87-9 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-14-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1631 74 | 40 0 | SP | As above | 3 4 | 8 | |
| | | | | - | 10 | |
| | 41 0 | CL | Sandy lean clay, fine sand, 40% fines, medium to high plastic fine portion, brown with some greenish mottling, saturated, medium dense, non-calcareous | | 13 | N=23 |
| | 42 0 | | | 3 3 | | |
| | | | | - | | |
| | 43 0 | | | 3 5 | | |
| 1628 74 | 44 0 | | | - | | |

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|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test – | Boring No 87-10 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.o.d. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1673 06 | 0 0 | CL | Fill | | | |
| | 1 0 | CL | Lean clay, olive brown, moist, low plasticity, stiff, some calcareous nodules and fe/mg staining | | | |
| | 5 0 | CL | As above, wet | | | |
| 1662 56 | 10 5 | SM | Silty sand, fine sand, 40% fines, wet, medium dense | | | |
| | 11 0 | CL | Sandy lean clay, 30-40% fine sand, wet, medium plasticity, stiff | | | |
| | 14 0 | SC | Clayey sand, fine angular to sub-rounded sand, 30% fines, yellowish brown, wet, medium dense | | | |
| | 15 0 | SP-SM | Poorly graded sand with silt, fine sand, 10-15% fines, wet, medium dense, saturated at 19 5' | | | Cave In I A D water level 5/15/87 16 0 ft in sand point temporary monitoring well (Removed 5/16/87) |
| 1654 06 | | | | 696 | | Depth to water I A D |

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| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No 87-10 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| -165 03 | 20 0 | SM | Silty sand, fine sand, 20-25% fines, saturated, loose, angular to subrounded sand, 5% feldspars | 7 01 | 3<br>4<br>4 | N=8 |
| | | | | 7 06<br>6 77 | | |
| | 25 0 | SP-SM | Poorly graded sand with silt, fine sand, 10-20% fines, saturated, loose | 6 54<br>4 27 | 3<br>4 | In place permeability test at 25 to 26 5 ft |
| | 26 5 | CL | Sandy lean clay, 40% fine sand, saturated, low plasticity, medium stiff | 4 75<br>4 86<br>3 76 | 5 | N=9 (K=0 25ft/day) |
| | | | | 4 84 | 4 | |
| | 30 5 | SM | Silty sand, fine sand, 10-49% fines, saturated, medium dense, interbedded with thin silt and clay seams | 2 72 | 8<br>13 | N=21 |
| | | | | 3 45<br>2 53<br>2 97<br>3 56 | | |
| | 35 5 | CL | Lean clay, grayish brown, saturated, medium plasticity, stiff to very stiff oxidized<br>Thin SP seam at 36 5' | | 7<br>10<br>11 | N=21 |

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| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | | Boring No 87-10 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| | 40 0 | | | | | |
| 1632 56 | 40 5 | SP | Poorly graded sand, fine sand, trace of fines, saturated, m | 3 67 | 8 | |
| | | CH | medium dense | - | 9 | |
| 1631 56 | 41 5 | | Fat clay, yellowish brown saturated, high plasticity, stiff | | 13 | N=22 |
| | | | BOH @ 41 5' | | | |

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|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | | Boring No 87-11 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1672 76 | 0 0 | | Concrete | | | |
| | 0 5 | CH | Fat clay, dark grayish brown, moist, high plasticity, very stiff, some Fe/Mg staining and organics | | | |
| | 3 0 | CL | Lean clay, light olive brown, moist, low plasticity, stiff, some calcareous concretions | | | |
| | 11 0 | CL | As above, medium plasticity, highly calcareous, wet | | | Bagged sample of 1" Ø calcareous concretion found at 16 0' |
| 1652 76 | 20 0 | | | | | Water level 19 9 ft on 5/15/87 /Depth to water I A D |

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| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No 87-11 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1652 76 | 20 0 | CL | As above, saturated | 6 6 / 285 | | |
| | 23 0 | CL | Lean clay, trace of fine sand, olive brown, saturated, low plasticity, soft to medium stiff | 6 0 / 270 | | |
| | 25 0 | | | | | |
| | 30 0 | | | 6 3 / - | | Cave in I A D |
| | 33 0 | CL | As above, some my staining | 6 2 / - | | |
| | 35 | | | | | |
| 1636 76 | 36 0 | CL | As above, some grayish green mottling, stiff to very stiff | 6 1 / - | | |
| 1632,76 | 40 0 | | Bottom of Hole @ 40 0 ft | | | |

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|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test - | | | Boring No 87-12 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1672 01 | 0 0 | CL | Fill | | | |
| | 1 0 | CL | Lean clay, light olive brown, moist, medium plasticity, stiff, highly calcareous, some rootlets | | | |
| | 8 0 | CL | As above, some black laminations (Mg) | | | |
| 1658 51 | 13 5 | SP | Poorly graded sand, fine, subrounded sand, trace of fines, wet, medium dense | | | |
| | 14 5 | | | | | |
| | 15 | CL | Lean clay, light olive brown, wet, low plasticity, stiff | 6 5 / 236 | | |
| | 17 0 | SP | Poorly graded sand fine sand, trace of fines, wet, medium dense | | | |
| 1654 01 | | | | | | Cave In I A D |

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| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No 87-12 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1652 01 | 20 0 | SP | As above | 6 8 / 272 | | |
| | 21 0 | SM | Silty sand, fine sand, 30-40% fines, saturated, loose to medium dense | | | |
| | 25 0 | | | 6 8 / - | 3<br>3<br>12 | N=15<br>Lost sample |
| | 30 0 | CL- | Silty clay, traces of sandy @ 30 0', light olive gray, saturated, low-medium plasticity, medium stiff to stiff, some oxidation | 6 2 / - | 4<br>5<br>5 | N=10 |
| | 31 5 | SP | Poorly graded sand, fine subrounded sand, trace of fines, saturated, dense | | | |
| 1638 01 | 34 0 | CL | Lean clay, light olive brown, saturated, medium plasticity, stiff | 6 8 / - | 5<br>5<br>7 | N=12 |
| 1632 01 | 40 0 | | | 5 9 / - | | |

Bottom Of Hole at 40 0'

HWS Technologies Inc

LINCOLN OFFICE
825 J St Box 80358
Lincoln NE 68501
4021475-4241

BORING LOG

PROJECT

Lindsay Manufacturing

| | | |
|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test _ | Boring No 87-13 |
| Undisturbed Soil Sampler 3 in od thin walled tube; 140 lb Hammer; 30 in Fall; 2 in od Split barrel Sampler | | Sheet 1 of 2 |
| w Moisture Content % ; D Dry Density pcf | Penetration Resistance N Blows per foot | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1672 73 | 0 0 | CL | Lean clay, yellowish brown, moist, low plasticity, medium stiff, some grayish mottling and laminations, Fe/Mg mottling calcareous concretions | | | |
| | 8 0 | CL | As above, light grayish brown | | | |
| | 10 5 | CL | As above, stiff, some gastropod shells at 14 5' | | | |
| | 15 0 | CL | As above, medium stiff, absence of mottling and oxidation, gastropod shells abundent throughout samples | 6 5 / 279 | | |

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Lincoln NE 68501
402/475-4241

PROJECT

Lindsay Manufacturing

# BORING LOG

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No. 87-13 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in. Fall | 2 in.o.d. Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| | 20 0 | CL | Lean clay, light olive brown, wet to saturated at 21 5' low plasticity, medium stiff, gastropod shells, non-calcareous | 6 4 / 303 | | |
| 1651 33 | | | | | | Depth to water I A D |
| 1651 13 | | | | | | Cave In, I A D, |
| | 26 0 | CL | Lean clay with sand, 20-30% fine sand saturated medium plasticity, stiff | | | |
| 1643 73 | 29 0 | SC | Clayey sand, fine sand, 30-40% fines, brown saturated, medium dense | 6 3 / 300 | 3<br>3<br>6 | N=9 |
| | 30 0 | | | | | |
| 1640 23 | 32 5 | CL | Lean clay with sand, 20% to 30% fine sand, brownish gray mottled with gray, saturated, medium plasticity, stiff to very stiff. | | | |
| | 35 0 | ML | Clayey silt, light brown, saturated, slight plasticity, very stiff | | 7<br>9<br>9 | N=18 |
| | | | | 6 0 / 330 | | |
| 1632 73 | 40 0 | | | | | |

B&H @ 40 0'

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Lincoln NE 68501
402/475-4241

PROJECT

Lindsay Manufacturing

# BORING LOG

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test - | | | Boring No 87-14 |
| Undisturbed Soil Sampler 3 in. o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1672 68 | 0.0 | | Concrete | | | |
| | 0 5 | CL | Fill | | | |
| | 2 0 | CL | Lean clay, light olive brown, moist, medium plasticity, stiff, highly calcareous | | | |
| | 7 5 | CL | As above, some grayish green mottling and 1/2" Ø calcareous concretions, some oxidation | | | |
| 1660 68 | 12 | SP | Poorly graded sand, fine sub-rounded sand, trace of fines, wet, medium dense, few thin clay seams | 5 3 | | |
| 1659 68 | 13.0 | | | - | | |
| | 14.0 | | | 6 1 | | |
| | 15.0 | | | - | | |
| | | | | 6 5 | | |
| | | | | - | 7 | |
| | | | | | 9 | |
| | | | | | 10 | N=19 |

C I I A D

HWS Technologies Inc

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Lincoln NE 68501
4021475 4241

# BORING LOG

PROJECT

Lindsay Manufacturing

| | | | | | |
|---|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | | Boring No 87-14 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | | Sheet 2 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1652 68 | 20 0 | SP | As above | | 6 | |
| | | | | | 6 | |
| | | | | | 10 | N=16 |
| | 23 | | | 6 4 | | |
| | 24 | | | 6 4 | | |
| | 25 | | | 6 0 | | |
| | 27 0 | | | 6 1 | | |
| | | SM | Silty sand, fine sand, 30-40% fines, saturated, medium dense, some oxidation staining | 5 1 | | |
| | 29 0 | | | 4 0 | | |
| | | | | 3 5 | | |
| | | | | 4 1 | 4 | |
| | 31 | | | | 6 | |
| | | | | 3 4 | 7 | N=13 |
| 1640 18 | 32 5 | CL | Lean clay, grayish brown, saturated, low plasticity, medium stiff, some thin SM seams | | | |
| | | | Poorly graded sand with silt, fine sand, 10-15% fines, saturated, medium dense | 3 2 | | |
| | 35 5 | SP-SM | | 3 4 | 7 | |
| | | | | | 8 | |
| 1636 18 | 36 5 | | | 3 5 | 10 | N=18 |
| | | CL | Lean clay, olive gray, saturated, low to medium plasticity, stiff | | | |
| | 38 5 | SM | Silty sand, fine sand, 30% fines, saturated, medium dense | 3 7 | | |

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4021475-4241

PROJECT

Lindsay Manufacturing

# BORING LOG

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test - | | | Boring No 87-14 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall | 2 in od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1632 68 | 40 0 | | | | | |
| 1632 18 | 40 5 | SM | As above | 3 7 / - | | No standard penetration sample taken due to clay "squeezing in" the Bottom of Hole |
| | | CL | Lean clay, olive gray mottled with gray, saturated, medium plasticity, stiff | 2 4 / - | | |
| 1631 18 | 41 5 | SC | | 2 6 / - | | |
| | | | Clayey sand, fine sand, 30-40% fines, saturated, dense, some oxidation | | | |
| 1627 68 | 45 0 | | | | | |
| | | | BOH @ 45 0 | | | |

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4021475-4241

BORING LOG

PROJECT

Lindsay Manufacturing

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | | Boring No 87-15 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH/eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1678 30 | 0 0 | CL | Fill | | | |
| | 4 0 | CL | Lean clay, very dark gray, dry, medium plasticity, stiff | | | |
| | 6 0 | CH | Fat clay, dark grayish brown, dry, high plasticity, very stiff | | | |
| | 9 0 | CL | Lean clay, trace of sand, olive brown, moist, low plasticity, medium stiff to stiff, some calcareous concretions, some oxidation | | | |
| | 15 0 | CL | As above, wet, stiff, less oxidation | | | |

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Lincoln NE 68501
4021475-4241

# BORING LOG

PROJECT

Lindsay Manufacturing

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No 87-15 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1658 30 | 20 0 | CL-ML | Silty clay, light olive brown, wet, low plasticity, medium stiff, calcareous | 5 7 258 | | |
| 1655 8 | | | | | | Depth to water I A D |
| | 25 0 | | | 6 1 260 | | |
| | | | | 6 3 - | | |
| | | | | | | Cave In I A D |
| | 29 0 | CL-ML | As above, saturated, thin sand seam at 29 5' | | | |
| | | | | 5 1 - | | |
| 1643 8 | 34 5 | SM | Silty sand, fine sand, 20% fines, saturated, medium dense | | 5 | |
| | 36 0 | | | | 12 | |
| | | SP | Poorly graded sand, fine sand, trace of fines, saturated, medium dense | | 13 | N=25 |

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Lincoln NE 68501
4021475-4241

PROJECT

Lindsay Manufacturing

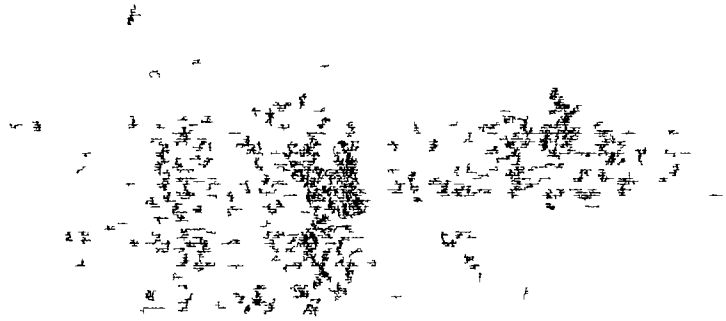
# BORING LOG

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test _ | | | Boring No 87-15 |
| Undisturbed Soil Sampler 3 in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 5-15-87 |

| Elevation | Depth | Group Symbol | Description of Materials | pH / eH | Blows | Remarks |
|---|---|---|---|---|---|---|
| | | | | 3 1 | | |
| 1637 8 | 40 5 | SP | As above | | 6 | |
| | | CL | Lean clay, light olive gray, saturated, low plasticity, | - | 7 | |
| 1636 8 | 41 5 | | stiff, some greenish gray mottling | | 8 | N=15 |
| | | | BOH @ 41 5' | | | |

# APPENDIX I

## H Fire Protection Well



# STATE OF NEBRASKA
# DEPARTMENT OF WATER RESOURCES
## WELL REGISTRATION

1 Name and address of well owner (06804)

LINDSAY MANUFACTURING
P O BOX 156
LINDSAY, NEBRASKA

Zip Code 68644 Telephone (402) 428-2131

Registration Number G-71 (Fire Protection)
Registration Date 3/5/86
Receipt Number 67821
NRD 19-Lower Platte North

2. Name and address of well driller

Grosch Irrigation Company, Inc.
RR 1, Box 77 J
O'Neill, NE 68763

Zip Code 68763 Telephone (402) 336-2905

3 Permit Number Not Applicable
(If applicable)

4. Ground water withdrawn from this well will be for (Indicate one)
___Irrigation ___Municipal use ___Industrial use X Other Fire Protection Well

5 Does this well replace a permanently abandoned well? ___ Yes X No
If the abandoned well is registered, give the registration number.

6. Well and pump information
A. Pumping rate under normal conditions 1025 gallons per minute
B. Total well depth 135 feet
C. Pump column Diameter 8 inches Length 125 feet
D Will chemicals or fertilizer be injected into the distribution system? ___ Yes X No
If yes is the well equipped with required safety equipment? ___ Yes ___ No
E The well was completed _____ 19___

7 COMPLETE ONLY IF AN AERIAL PHOTOGRAPH IS NOT AVAILABLE (See item No 4 on back)
A. Well location SE 1/4 of the SW 1/4 of Section 17 Township 20 North
Range 3 East/West Platte County
B The well is 1150 feet from the South (North/South) section line and 1800 feet from the West (East/West) section line
C If for irrigation, the land to be irrigated is _____ acres in the following legal description
Fire Protection Well only

I am familiar with the information submitted on this registration and to the best of my knowledge it is true

Lindsay Mfg Co by CP Loseke
Well Owner's Signature

2-25-86
Date

# STATE OF NEBRASKA
# DEPARTMENT OF WATER RESOURCES
## CERTIFICATE OF WELL DRILLER

DWR Form 603

1. Name and address of well driller
Crosc[illegible] Irrigation C[illegible], Inc
[illegible]
O'Neill, NE
Zip Code 6[illegible] Telephone (4[illegible]) 3[illegible]

Registration Number C-7[illegible]
(Fire Protection)
Registration Date 3/5/86
Receipt Number 67821
NRD 19-Lower Platte North

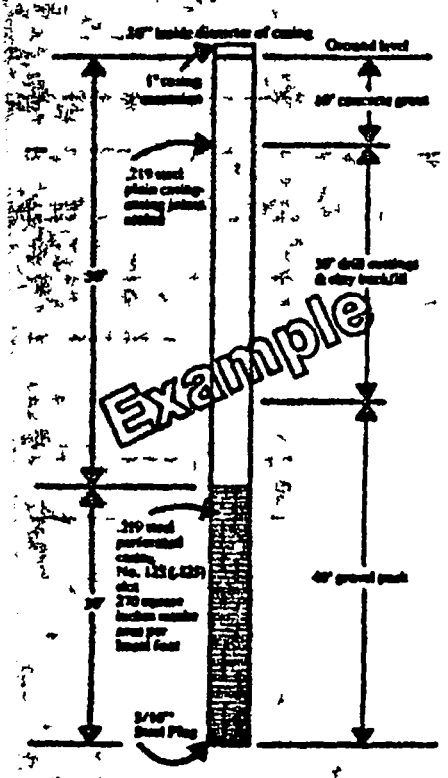
2. Name and address of well owner
LINDSAY MANUFACTURING
P O. BOX 156
LINDSAY, NEBRASKA
Zip Code 68644 Telephone (402) 428-2131

3. Permit Number Not Applicable
(If applicable)

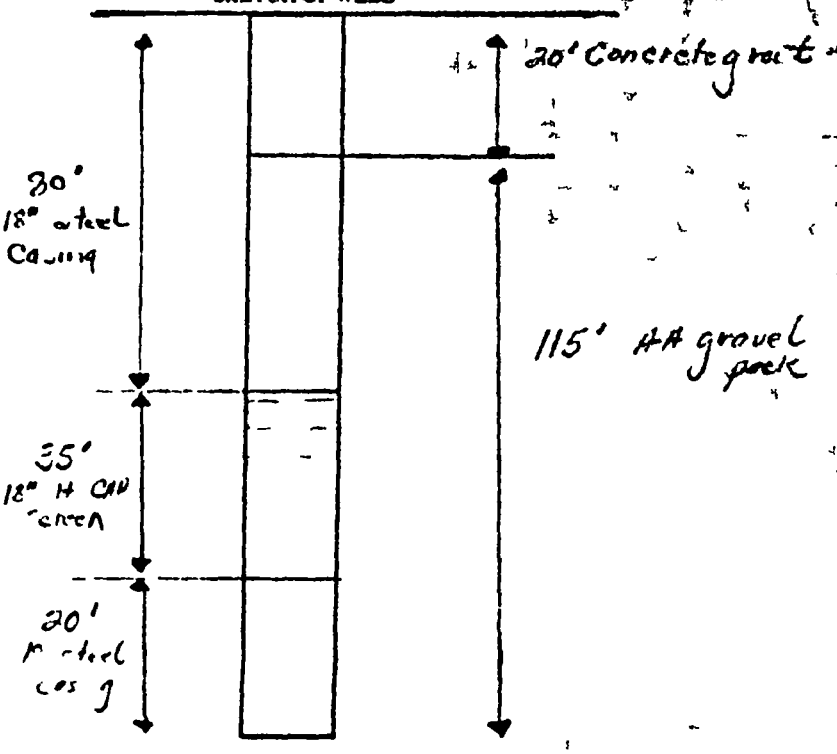
4. Well location. SE 1/4 of the SW 1/4 of Section 17 Township 20 North Range 3 ~~East~~/West, Platte County.
The well is 1150 feet from the South (Inside/South) section line and 1800 feet from the West (East/West) section line

5. Well and pumping information (If a timed pump test was conducted submit complete pumping and drawdown data on separate sheet of paper)
A. Construction began 10-[illegible]-[illegible] 19[illegible]
B. Construction completed 0-4-[illegible] 19__
C. Drilled hole diameter [illegible] inches
D Static water level 44 feet
E Pumping level expected under normal operating conditions 90 feet

6. Indicate on the SKETCH OF WELL the location of the plain casing and screen segments Give the lengths of the segments in feet. Also, identify the size, weight type and inside diameter of segments where the hole is sealed and backfilled and the type of seal(s) and backfill used.




SKETCH OF WELL



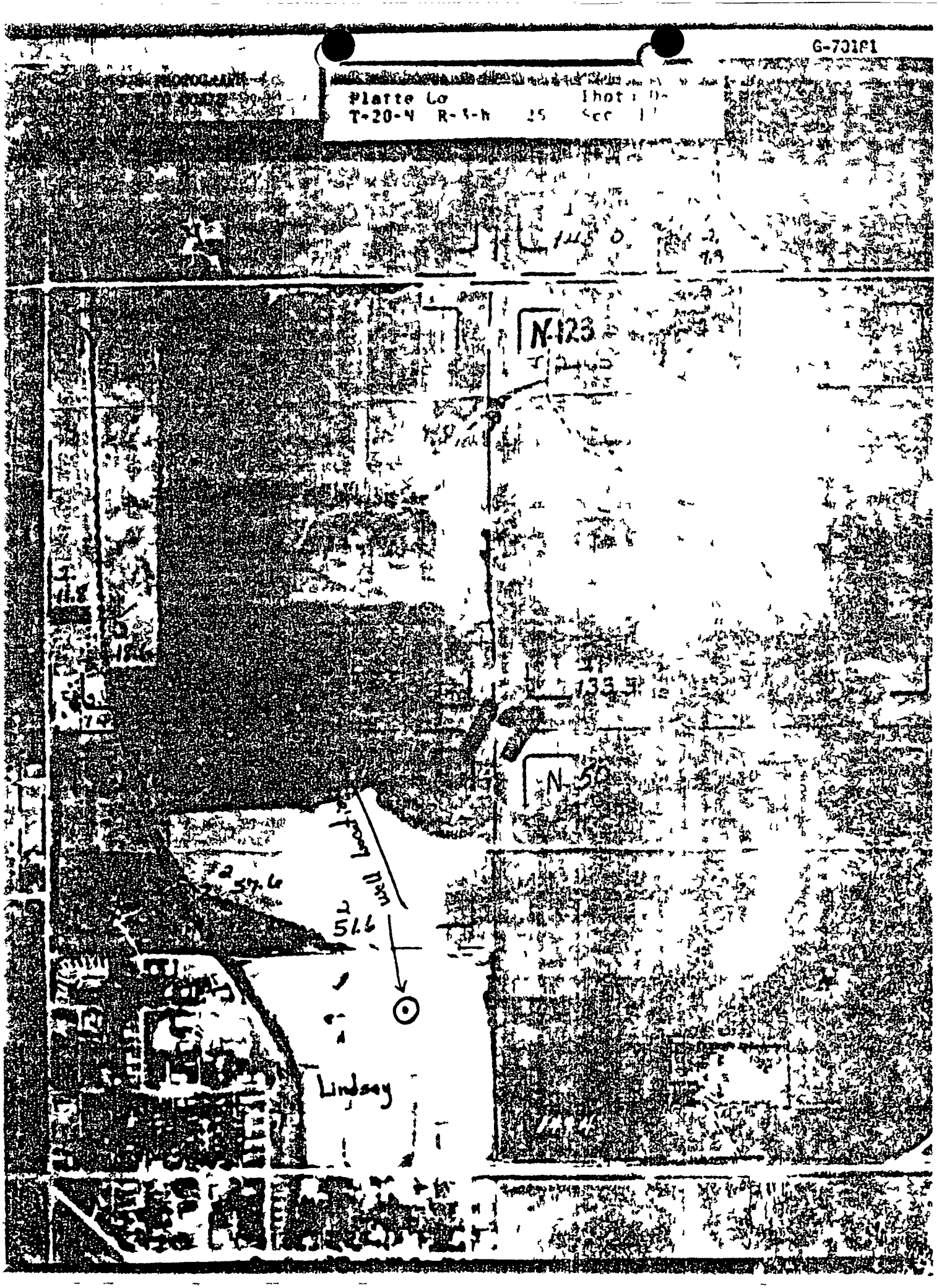
## DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED | DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|---|---|---|
| 0 | 72 | Clay | | | |
| 72 | 75 | Fine to [illegible] & Cla[illegible] | | | |
| 75 | 80 | Coarse sand [illegible] fine to med[illegible] gravel & clay streaks | | | |
| 80 | 85 | Fine to medium Gravel | | | |
| 85 | 90 | Coarse sand & fine to medium gravel | | | |
| 90 | 95 | Fine to medium gravel | | | |
| 95 | 100 | Fine to medium gravel | | | |
| 100 | 105 | Coarse sand & fine to medium gravel | | | |
| 105 | 110 | Coarse sand & fine to medium gravel | | | |
| 110 | 116 | Fine to medium Gravel | | | |
| 116 | 117 | Clay | | | |
| 117 | 119 | Fine to medium gravel | | | |
| 119 | 135 | Caker | | | |

Dick Grosch / Grosch Irrigation
Well Driller's Signature

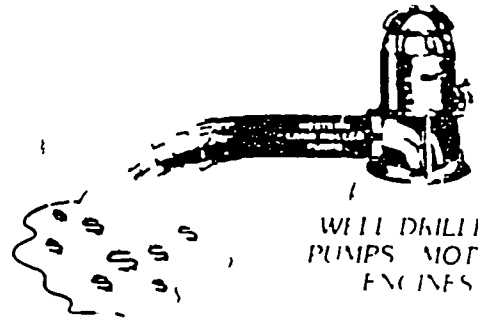
February 17, 1986
Date

Platte Co
T-20-N R-3-W 25 Sec 1



sch Drilling and Exploration
DIVISION OF
Grosch Irrigation Co Inc
Well Drilling and Complete Installations

Cr k Nebrask 686 3 _____ T l ph ne 308 773 22 1
N bra ka 68 20 _____ Telephon 402 3 3 ( 13 /
N br ka 68763 _____ Telephone 402 33 180
N br a 68025 _____ T l ph ne 402 727 18 0
Circ Illin 62664 _____ T l ph 217 482 47 1
C rgia 31021 _____ T l pho e 912 2 0013




Test log of Lindsay Manuracturing Fire protection well

0 - 72 Top & Clay

72 - 75 Fine - Med. Gravel & Clay Layers

75 - 80 Clay, Sand & Fine - Med. Gravel & Clay Streeks

80 - 85 Fine - Med. Gravel

85 - 90 Clay, Sand & Fine - Med. Gravel

90 - 100 Fine - Med. Gravel

100 - 110 Clay, Sand & Fine - Med. Gravel

110 - 116 Fine - Med. Gravel

116 - 117 Clay

117 - 119 Fine - Med. Gravel

119 - 135 Yellow Ocher

Test Drilled 6 - 27 - 1985 By Mike Borer.

NAME
ADDR
LOCA
LEGA
DESC
GPM
Dep
138'
SWL

# Grosch Irrigation Company

Albion Ne  Silver Creek Ne  O Neill Ne  Fremont Ne

## Test Pumping Log

DATE 10 - 9 - 85

NAME Lindsay Manufacturing Co.

ADDRESS Lindsay, Ne.

LOCATION At Plant

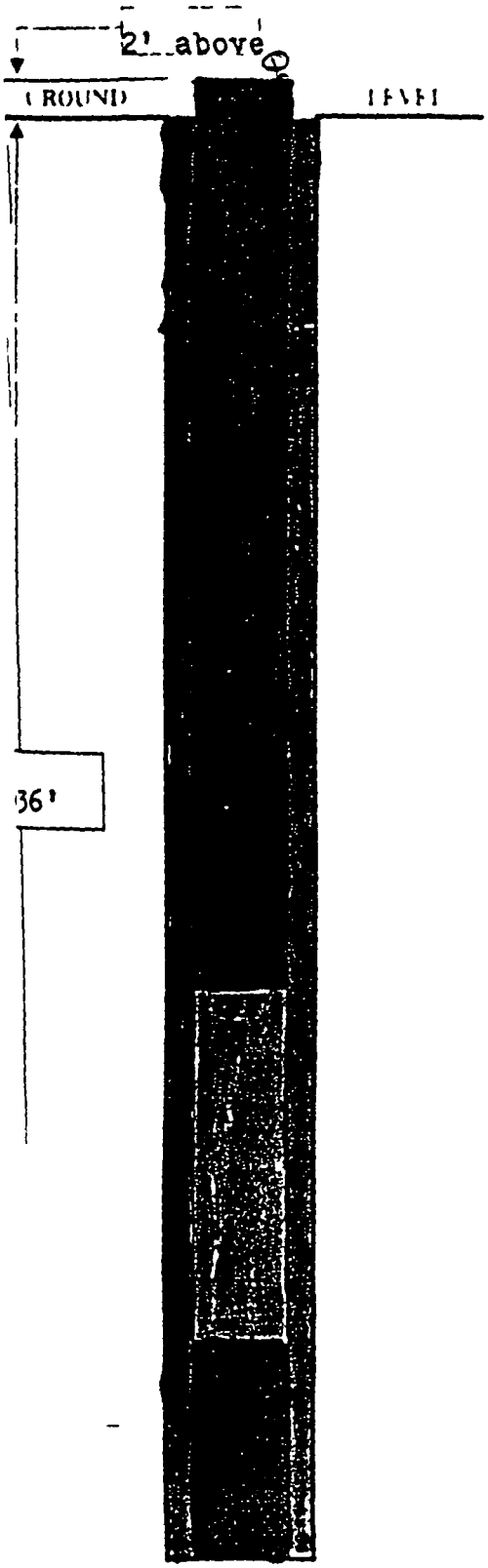
LEGAL DESCRIPTION

| GPM | Pumping Level |
|---|---|
| 1625 | 80' |
| 1500 | 77' |
| 1400 | 75' |
| 1200 | 70' |
| 1000 | 68' |
| 800 | 65' |
| 600 | 61' |

| Depth of Well | Amount of pump used |
|---|---|
| 138' top of casing | 130' + Bowls |
| SWL | Foreman<br>Kevin Spike |

# Well Log Data

32" HOLE O.D. | 18" CASING O.D. | 7¾" CASING I.D. | STATIC W.L.




LIST FORMATIONS BELOW

= Grout 20'

= A A Gravel Pack 116'

= Plain Casing 83' Top & 20' Bott

= Hi Cap Johnson Sereen 35'

Sketch in any special construction notes such as pits
sanitary seals, clay fill, special base, etc.

# APPENDIX I

I Piezometers P-1 through P-9

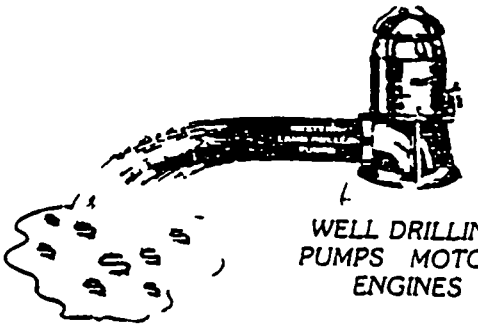
# Grosch Drilling and Exploration

DIVISION OF

*Grosch Irrigation Co , Inc*

*Well Drilling and Complete Installations*

☐ Silver Creek Nebraska 68663_____Telephone 308/773-2261
☒ Albion Nebraska 68620_____Telephone 402/395-6437
☐ O'Neill Nebraska 68763_____Telephone 402/336-1805
☐ Fremont Nebraska 68025_____Telephone 402/727-4850
☐ Mason City Illinois 62664_____Telephone 217/482 5479
☐ Dublin Georgia 31021_____Telephone 912/275-0013

*WELL DRILLING*
*PUMPS MOTORS*
*ENGINES*

March 22, 1983

Test Hole # 2 (HWS DESIGNATION PIEZOMETER #1)

| | |
|---|---|
| 0-15 | top & clay |
| 15-34 | clay |
| 34-38 | sand |
| 38-53 | clay |
| 53-66 | coarse sand & gravel |
| 66-67 | clay |
| 67-75 | coarse sand & gravel & clay streaks |
| 75-90 | coarse sand & gravel |

cased 78' below ground ground level appx. 2' above ground level
10' screen 2" PVC

Well was pumped with air until cleared up for appx. 30 minutes.

Driller Kevin Spike

# Grosch Drilling and Exploration

DIVISION OF

*Grosch Irrigation Co Inc*

*Well Drilling and Complete Installations*

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☒ Albion Nebraska 68620 _____ Telephone 402/395-6437
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☐ Mason City Illinois 62664 _____ Telephone 217 482 5479
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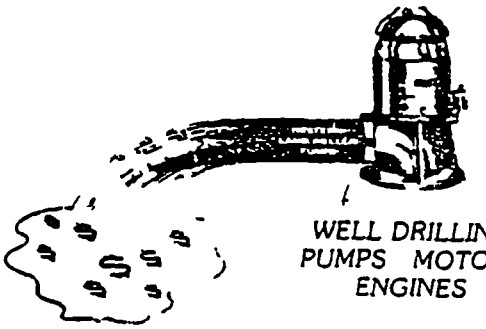

*WELL DRILLING*
*PUMPS MOTORS*
*ENGINES*

March 24, 1983

**Test Hole # 6** (HWS DESIGNATION PIEZOMETER #2)

| | |
|---|---|
| 0-12 | top & clay |
| 12-37 | sand & clay streaks |
| 37-50 | clay |
| 50-95 | coarse sand & gravel |
| 95-105 | clay & yellow oaker |

cased 78' below groune level appx. 2' above ground level.

10' screen 2" PVC

Well was pumed with air until water cleared up for appx. 30 minutes.

Drilling through the sand the water got bubbley. From 12-37'

Driller Kevin Spike

# Grosch Drilling and Exploration

DIVISION OF

*Grosch Irrigation Co Inc*

*Well Drilling and Complete Installations*

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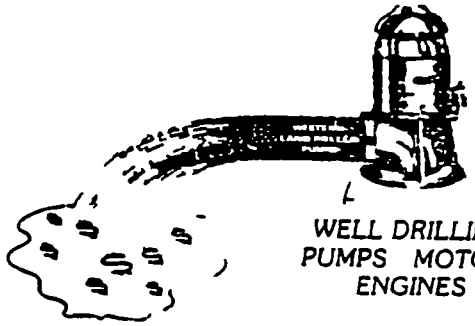

*WELL DRILLING*
*PUMPS MOTORS*
*ENGINES*

March 22, 1983

Test Hole # 1 (HWS DESIGNATION PIEZOMETER #3)

| | |
|---|---|
| 0-19 | top & clay |
| 19-26 | sand |
| 26-30 | clay |
| 30-45 | clay & sand streaks |
| 45-47 | clay |
| 47-90 | med-coarse sand & gravel |

cased 78' below ground level appx. 2' above ground level
10' screen 2" PVC

Well was pumped with air until cleared up for appx. 30 minutes.

Driller Kevin Spike

# Grosch Drilling and Exploration

DIVISION OF

*Grosch Irrigation Co , Inc*

*Well Drilling and Complete Installations*

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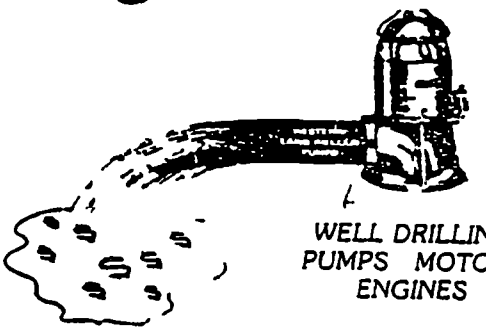

WELL DRILLING
PUMPS MOTORS
ENGINES

March 24, 1983

Test Hole # 7 (HWS DESIGNATION PIEZOMETER #4)

| | |
|---|---|
| 0-12 | top & clay |
| 12-32 | sand & clay streaks |
| 32-45 | clay & sand streaks |
| 45-50 | clay |
| 50-90 | coarse sand & gravel |

cased 78' below ground level appx. 2' above ground level.

10' screen 2" PVC

Well was pumped with air until water cleared up for appx. 30 minutes.

Drilling through the sand the water got bubbley. From 12-45'

Driller Kevin Spike

# Grosch Drilling and Exploration

DIVISION OF

*Grosch Irrigation Co Inc*

*Well Drilling and Complete Installations*

☐ Silver Creek Nebraska 68663 Telephone 308/773 2261
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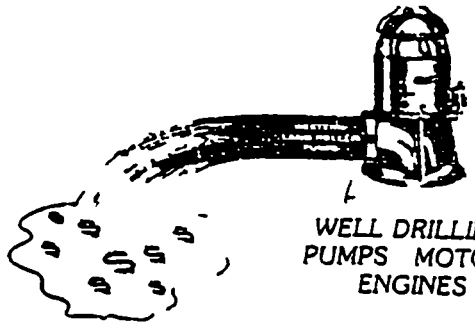
☐ O'Neill Nebraska 68763 Telephone 402/336-1805
☐ Fremont Nebraska 68025 Telephone 402/727-4850
☐ Mason City Illinois 62664 Telephone 217/482 5479
☐ Dublin Georgia 31021 Telephone 912/275-0013

WELL DRILLING
PUMPS MOTORS
ENGINES

March 23, 1983

Test Hole # 3 (HWS DESIGNATION PIEZOMETER #6)

| | |
|---|---|
| 0-15 | top & clay |
| 15-48 | clay |
| 48-75 | coarse sand & gravel |
| 75-90 | fine-med gravel |

cased 78' below ground level appx. 2' above ground level
10' screen 2" PVC

Well was pumped with air until cleared up for appx. 30 minutes.

Driller Kevin Spike

# Grosch Drilling and Exploration

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*Well Drilling and Complete Installations*

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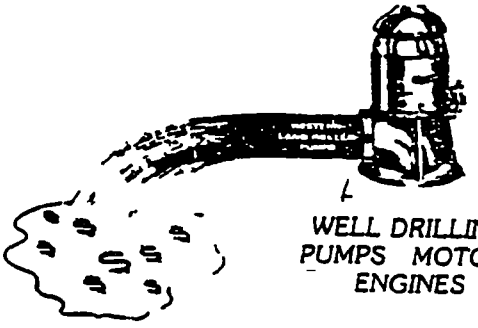

*WELL DRILLING*
*PUMPS MOTORS*
*ENGINES*

March 23, 1983

Test Hole # 5 (HWS DESIGNATION PIEZOMETER #7)

| | |
|---|---|
| 0-16 | top & clay |
| 16-34 | sand & clay streaks |
| 34-45 | clay & sand streaks |
| 45-48 | clay |
| 48-90 | coarse sand & gravel |

cased 78' below ground level appx. 2' above ground level
10' screen 2" PVC

When pumping out with air water seemed bubbley. Also turned concrete green where it was freshly broke out.

Well was pumped with air until water cleared up for appx. 30 minutes.

Driller Kevin Spike

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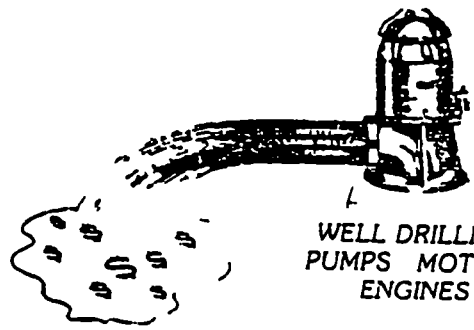

*WELL DRILLING*
*PUMPS MOTORS*
*ENGINES*

March 23, 1983

Test Hole # 4 (HWS DESIGNATION PIEZOMETER #8)

| | |
|---|---|
| 0-40 | open hole |
| 40-51 | clay |
| 51-90 | coarse sand & gravel |

cased 78' below ground level appx. 2' above ground level
10' screen 2" PVC

Well was pumped with air until cleared up for appx. 30 minutes.

Driller, Kevin Spike

# Grosch Drilling and Exploration

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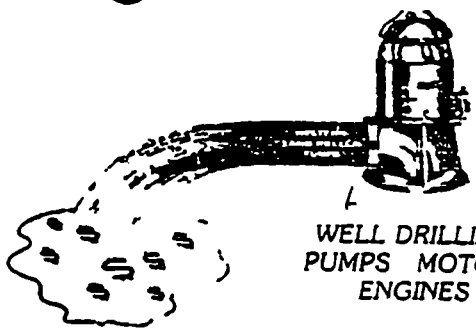

*WELL DRILLING*
*PUMPS MOTORS*
*ENGINES*

March 24, 1983

Test Hole # 8 (HWS DESIGNATION PIEZOMETER #9)

| | |
|---|---|
| 0-15 | top & clay |
| 15-30 | clay |
| 30-45 | clay, sand streaks & blue clay |
| 45-51 | blue clay |
| 51-60 | blue coarse sand & gravel changed to red |
| 60-90 | coarse sand & gravel |

cased 78' below ground level appx. 2' above ground level.

10' screen 2" PVC

Well was pumped with air until water cleared up for appx. 30 minutes.

Driller Kevin Spike

## APPENDIX I

J Soil Borings B-1 through B-3

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing
Acid Pit Area

# BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No B-1 |
| Undisturbed Soil Sampler 3 in.od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 1/27/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1686 8 | 0 0 | ML-CL | Clayey silt brown medium dense slight plasticity, fine sand fraction wet | | | |
| 1682 8 | 4 0 | CL | Silty clay, yellowish brown with fine sand fraction low plasticity, wet, medium stiff | | | |
| 1673 8 | 13 0 | SP | Sand fine grained dense moist with thin interbedded sandy silt zones | | | |
| 1671 8 | 16 0 | | As above without sandy silt | | | |

WESTERN LABORATORIES
Materials Engineers
825 J Street Lincoln Nebraska

BORING LOG

PROJECT

Lindsay Manufacturing
Acid Pit Area

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No B-1 |
| Undisturbed Soil Sampler 3-in o.d. thin walled tube | 140 lb Hammer | 30 in Fall 2-in.o.d. Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 1/27/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1666 8 | 20 | SP | As above with sandy silt zones | | | |
| | 22 0 | ML | Sandy silt 40% fine sand medium dense to dense yellowish brown with interbedded zones of fine sand and clay saturated | | | Cave in at 22 5 ft 1/28/83 |
| 1660 8 | 26 0 | | As above except pink and strong sulferous odor | B-1 #1 | | pH = 3 6<br>Sulfate = 1,050 ppm<br>Iron = 10,150 ppm<br>Lead = 0 7 ppm<br>Zinc = 4,700 ppm<br>w = 22 2% |
| 1656 8 | 30 | | BOH | | | |

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Lindsay Manufacturing
Acid Pit Area

BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No B-2 |
| Undisturbed Soil Sampler 3 in.o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 1/27/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| ~~1688 0~~ 1675 0 | 0 0 | CL | Silty clay yellowish brown mottled with greenish gray and reddish brown fragments of charcoal (Fill) | | | See Section VI Groundwater Quality for results of soil paste extractions |
| 1684 0 | 4 0 | | As above except saturated | | | |
| 1683 0 | 5 0 | CL | Silty clay, yellowish brown mottled with gray very stiff, low plasticity very wet | | | |
| 1681 5 | 6 5 | CL | Silty clay, dark gray green hard very wet low plasticity (subsoil) | | | |
| 1679 0 | 9 0 | CL | Silty clay, very dark grayish brown, low plasticity medium stiff, wet | M D B-2 #1 | | |
| | | | | | | Cave in at 16 0' 1/28/83 |
| 1674 5 | 13 5 | CL | Silty clay dark grayish brown stiff, low plasticity rootlets; wet to very wet (Paleosol) | B-2 15'-17' w=30.7% | | |
| | | | | B-2 17'-19' w=30.2% | | 18" Undisturbed D=82 60 5"Ø Shelby Tube Sample w=32 80 |

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825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing
Acid Pit Area

BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No B-2 |
| Undisturbed Soil Sampler 3-in.od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 1/27/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| ~~1688 0~~ 1675 0 | 0 0 | CL | Silty clay yellowish brown mottled with greenish gray and reddish brown fragments of charcoal (Fill) | | | See Section VI Groundwater Quality for results of soil paste extractions |
| 1684 0 | 4 0 | | As above except saturated | | | |
| 1683 0 | 5 0 | CL | Silty clay, yellowish brown mottled with gray very stiff, low plasticity, very wet | | | |
| 1681 5 | 6 5 | CL | Silty clay dark gray green, hard very wet, low plasticity (subsoil) | | | |
| 1679 0 | 9 0 | CL | Silty clay, very dark grayish brown low plasticity, medium stiff wet | M D B-2 #1 | | |
| | | | | | | Cave in at 16 0' 1/28/83 |
| 1674 5 | 13 5 | CL | Silty clay, dark grayish brown stiff low plasticity, rootlets; wet to very wet (Paleosol) | B-2 15'-17' w=30.7% | | |
| | | | | B-2 17'-19' w=30.2% | | 18" Undisturbed 5"Ø Shelby Tube Sample D=82 60 w=32 80 |

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**BORING LOG**

**PROJECT**
Lindsay Manufacturing
Acid Pit Area

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No B-2 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall 2-in.o.d. Split bar el Sampler | Sheet 2 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 1/27/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1668 0 | 20 | | As above except saturated | B-2 20'-23' | | |
| | | | | w=35 9% | | |
| | | | | B-2 24'-25' | | |
| | | | | w=37 5% | | |
| | | | | B-2 25'-26 5' | | |
| | | | | w=33 6% | | |
| | | | | B-2 27-27 5 | | w=39% |
| | | | | B-2 28 5-29 | | w=34 7% |
| 1658 0 | 30 | | | | | |

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Lindsay Manufacturing
Acid Pit Area

BORING LOG

| | | |
|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | Boring No B-3 |
| Undisturbed Soil Sampler 3-in. od. thin walled tube | 140 lb Hammer / 30 in Fall / 2-in.od. Split barrel Sampler | Sheet 1 of 5 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 1/28/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1689 4 | 0 0 | ML-CL | Fill clayey silt sand and rubble | | | |
| 1688 4 | 3 0 | CL-ML | Silty clay brown medium stiff wet fine sand fraction rootlets | | | |
| 1686 9 | 4 5 | CL | Silty clay yellowish brown, mottled with dark yellowish brown stiff, wet, calcium carbonate concretions slight plasticity | | | |
| 1683 4 | 8 0 | CL | Silty clay yellowish brown stiff moist slight plasticity. | | | |
| 1676 4 | 15 0 | | As above except wet | B-3 15' to 16' | | w=26 6% |

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825 J Street Lincoln Nebraska

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Lindsay Manufacturing
Acid Pit Area

BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No B-3 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 5 of 5 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 1/28/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1611 4 | 80 0 | | | | NA | |
| | | | As above | | | |
| | | | | B-3 80 5 | NA | |
| | | | | 81 5 | NA | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | NA | |
| | | | | B-3 85 5 | NA | |
| | | | | 86.5 | NA | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | NA | |
| | | | | B-3 90 5 | NA | |
| 1599 5 | 91 5 | | BOH | 91 5 | NA | |

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BORING LOG

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Lindsay Manufacturing
Acid Pit Area

| | | |
|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | Boring No B-3 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.o.d. Split barrel Sampler | Sheet 2 of 5 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | Date 1-28-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1671 4 | 20 0 | | | | | |
| 1666 4 | 25 0 | | As above except very wet and pale yellowish brown | B-3 25' to 30' | | w=24 2% |
| | | | | B-3 34' to 35' | | w=29 1% |
| | | | As above except saturated | | | -End 6' continuous flight auger<br>-Begin Hollow Stem |

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Lindsay Manufacturing
Acid Pit Area

## BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No B-3 |
| Undisturbed Soil Sampler 3-in od. thin walled tube | 140 lb Hammer | 30 in Fall \| 2 in.o.d. Split barrel Sampler | Sheet 3 of 5 |
| w Moisture Content % \| D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 1-28-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1651 4 | 40 0 | | As above | | | |
| 1649 4 | 42 0 | CL | Sandy clay, light reddish brown, low plasticity, saturated 15% fine sand stiff | | 7 | |
| | | | | B-3 46 5' | 10 | |
| | | | | 47.5' | 12 | N=22 |
| 1643 4 | 48 0 | SP | Sand with interbedded silt zones fine grained sands, medium dense, 40% silts | | 5 | |
| | | | | B-3 50 5' | 8 | |
| | | | | 51 5' | 14 | N=22 |
| 1636 4 | 55 0 | SP | Sand fine to coarse with 5% gravel dense, saturated | | 6 | |
| | | | | B-3 55 5' | 11 | |
| | | | | 56 5' | 21 | N=32 |

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Lindsay Manufacturing
Acid Pit Area

BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No B-3 |
| Undisturbed Soil Sampler 3-in. o.d. thin walled tube | 140 lb Hammer | 30 in. Fall 2-in.o.d. Split barrel Sampler | Sheet 4 of 5 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 1/28/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1636 4 | 60 | | As above except very dense | | 25 | |
| | | | | B-3 60 5 | 34 | N=100+ |
| | | | | -61 5 | 74 | |
| | | | | | 750 | |
| | | | | B-3 66 0 | 750 | |
| | | | | -66 5 | NA | |
| | | | | | NA | |
| | | | | B-3 70 5 | NA | |
| | | | | -71 5 | NA | |
| | | | | | NA | |
| | | | | B-3 75 5 | NA | |
| | | | | -76 5 | NA | |

# APPENDIX I

K Soil Borings C-1 through C-15

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

**PROJECT**
Lindsay Manufacturing
Acid Pit Area

## BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6-in. continuous flight auger | Standard Penetration Test | | Boring No P-1 |
| Undisturbed Soil Sampler 3-in. o.d. thin-walled tube | 140 lb Hammer | 30 in. Fall | 2-in.o.d. Split barrel Sampler | Sheet 1 of 1 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 1/27/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1689 9 | 0 0 | ML-CL | Fill, clayey silt and rabble | | | |
| 1688 4 | 1 5 | | | | | No Water Immediatelely After Drilling (IAD) |
| 1687 9 | 2 0 | CL-ML / CL | Silty clay, reddish brown, slight plasticity, wet, fines and fraction, medium stiff | | | |
| | | | Sandy silt, 20% to 30% fine sand, medium dense, moist low plasticity, | | | |
| 1685 9 | 4 0 | CL | Silty clay, brown, moist, with fine sand fraction, dense, low plasticity | | | Charged hole with water from city supply to top to run constant head permeability test |
| 1684 9 | 5 0 | CL | Silty clay, yellowish brown, mottled with greenish gray fine sand fraction calcium carbonate concretions moist low plasticity, medium stiff | | | Hole caved in as ML CL materials absorbed water<br>Cave-in occurred to a depth of 4 5' |
| 1679 9 | 10 0 | CL | Silty clay, brown mottled with reddish brown, low plasticity, wet, stiff occasional calcium carbonate concretions | | | Elevations to U S G S datum which is 10 0 ft less than Bench Mark denoted on site plans referenced to Layne-Western Test Well Logs |
| 1669 9 | 20 0 | ML-CL | Clayey silt, light brown slight plasticity, wet medium dense fine sand fraction | | | |
| 1667 9 | 22 0 | | As above except very wet | | | |
| 1664 9 | 25 0 | | Bottom of Hole (BOH) | | | |

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825 J Street Lincoln Nebraska

BORING LOG

PROJECT
Lindsay Manufacturing
Acid Pit Area

| | | | |
|---|---|---|---|
| Boring Method 6-in. continuous flight auger | Standard Penetration Test | | Boring No P-2 |
| Undisturbed Soil Sampler 3-in.od. thin walled tube | 140-lb Hammer | 30 in. Fall | 2-in.od. Split barrel Sampler | Sheet 1 of 1 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N=Blows per foot | | Date 1/27/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1689 4 | 0 | ML-CL | Fill, clayey silt with sand | | | Failure in open hole permeability test due to hole collapse Collapse at 3 0 ft |
| | 1 5 | CL-ML | Silty clay, reddish brown, slight plasticity, wet, medium stiff, fine sand fraction | M D P-2 #1 | | |
| 1685 4 | 4 0 | CL | Silty clay, reddish brown mottled with brown and dark brown, medium stiff, wet | #1 | | 18" Undisturbed D=84 80 5" Ø Shelby Tube w=23 10 |
| 1680 4 | 9 0 | CL | Silty clay, light brown mottled with reddish brown medium stiff, wet | M D P-21 #2 | | |
| 1674.4 | 15.0 | | As above except very wet | | | 18" Undisturbed D=86 9 5" Ø Shelby Tube w=18 0 |

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PROJECT
Lindsay Manufacturing

# BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-1 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3-21-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1689 4 | 0 0 | CL | Sandy Clay, (Fill) | | | |
| | 2 0 | CL | Silty Clay, dark brown, (sub-soil), stiff, wet, low plasticity | | | |
| | 3 0 | CL | Silty Clay, brown, stiff, low plasticity, wet, calcium carbo-ate fragments present | | | |
| | 6 0 | CL | Silty Clay, dark yellowish brown, mottled with brownish yellow, low plasticity, medium stiff, wet | | | |
| | 13 0 | SM-SC | Silty Sand, 20% silt and clay, fine sand, dense, moist | | | |

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PROJECT
Lindsay Manufacturing

BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-1 |
| Undisturbed Soil Sampler 3-in od. thin-walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 3-21-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1669 4 | 20 0 | | As above | | | |
| | | | | | | Cave in immediately after drilling (I A D ) |
| 1667 9 | 22 0 | CL | Sandy Clay, 40% fine sand, med dense, saturated | | | |
| | 25 0 | | As above except light reddish stain and sulfaceous odor | | | ph=2 8 (Soil Probe) |
| 1659.4 | 30 | | Bottom of hole (BOH) | | | |

**WESTERN LABORATORIES**
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825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-2 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3-21-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1688 | 0 0 | | Concrete & sand fill | | | |
| | 1 5 | CH | Silty Clay grayish brown, stiff, medium plasticity, wet | | | |
| | 4 0 | CL | Silty Clay yellowish brown, fine sand fraction, medium stiff, low plasticity, moist to wet | | | |
| | 13 0 | | As above except mottled with brownish yellow, $CaCO_3$ sand size fragments of root replacement nodules present | | | |
| | 18 0 | SM | Sandy Silt, 30% to 40% fine sand medium dense, light reddish stain, sulferous odor | | | |

WESTERN LABORATORIES
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825 J Street Lincoln Nebraska

BORING LOG

PROJECT

Lindsay Manufacturing

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-2 |
| Undisturbed Soil Sampler 3-in.od. thin walled tube | 140 lb Hammer | 30 in Fall 2 in.od Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3-21-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1668 | 20 0 | | As above | | | |
| | 21 | SP | Sand, fine grained medium dense, wet | | | ph=5 5 |
| 1664 | 24 | | As above except saturated | | | Cave in I A D |
| | | | | | | ph=4 6 |
| | | | | | | ph=3 5 |
| | 32 0 | SM | Sandy Silt, 30% to 40% fine sand, medium dense, saturated | | | ph=3 0 |
| | | | | | | ph=2 4 |
| | 35 | | | | | |

Revised April 1967
Irr 67 1

1

**Registration No.** G-45176 **County of** Platte **Date Filed** June 5, 1974

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I [illegible] of [illegible]
(Name of Person Making Affidavit) (Post Office Address)

**County of** Platte **State of** [illegible] do hereby certify

**1st.** That the name of the owner of the land upon which the irrigation well is located is [illegible]

Beller of [illegible] Street [illegible] (City or Village) County of [illegible]

**State of** Nebraska.

**2nd** That the irrigation well is located on the [illegible] Quarter of the NE Quarter of Section 36 Township 20 Range 3W of the Sixth P M Platte County and is 1320 feet from the North line and 130 feet from the East line of said tract.

**3rd** That the well was installed with the intention of irrigating all or parts of the following described land – North East Quarter of Section 36, Township 20, Range 3W
(Give Quarter, Section, Township and Range)
Also East half of North West Quarter of 30, 20, and 3W

amounting in all to approximately 2 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

**4th** That the capacity of said well under normal operating conditions is 1000 gallons per minute

**5th** That the depth of the well is [illegible] feet measured from the surface of the ground

**6th** That the inside diameter of the casing is 17 inches

**7th** That the static water level in the well is [illegible] feet below ground surface

**8th** That the depth to water under normal pumping conditions is 30 (Pumping Level) feet below ground surface

**9th** That the diameter of the pump column is [illegible] inches That the diameter of the (Number of bowls) bowl or bowls is 12 inches

**10th** That the type and size of impeller is as follows
RK

**11th** That the well was completed on or about the 2 day of April 19 74

Revised April 1, 1969
DW 87-3

1

Registration No. G-45176 County of [illegible] Date Filed June 20, 19[illegible]

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, [illegible] (Name of Driller) of [illegible] (Postoffice Address)

County of [illegible] State of [illegible] do hereby certify that

1 I am the driller of a well located on the North West Quarter Section No 30

Township 20 North Range 3W owned by

whose postoffice address is [illegible] State of [illegible]

2. That the drilling was begun on the [illegible] day of [illegible] 19 74 and completed on

the 30 day of August 19 74

3 That the well is cased and screened in the following manner [illegible] (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing etc.)

4 That the diameter of drilled hole is [illegible] inches

5 That Reverse rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows [illegible]

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated and the location of water bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 46 | Yellow Cl |
| 46 | 78 | Gra[illegible] |
| 78 | 86 | Fine Sand Gr |
| 86 | 139 | Medium Gra |
| 139 | 142 | Cl, Gr |
| 142 | 144 | Cla |
| 144 | 153 | Cla |
| 153 | | |

Date Signed 6 11 75

[illegible] Water & Supply Co
Driller

(If more space is required please use reverse side of this page)

Revised April 1967
Frm. 67 1

1

Registration No. G-45005 County of Platte Date Filed June 18, 1975

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, [illegible] (Name of Person registering well) of [illegible] (Postoffice Address)

County of Platte State of [illegible], do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is [illegible]

[illegible] of [illegible] Street (City or Village) County of [illegible]

State of [illegible]

2nd. That the irrigation well is located on the [illegible] Quarter of the [illegible] Quarter of Section [illegible]

Township 16 North Range 2 [illegible] of the Sixth P M. [illegible] County and is [illegible]

feet from the [illegible] line and [illegible] feet from the [illegible] line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land [illegible] (Give Quarter Section Township and Range) [illegible]

[illegible]

amounting in all to approximately [illegible] acres.

(If installation consists of a battery of wells with one outlet, give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 675 gallons per minute.

5th That the depth of the well is 16 feet measured from the surface of the ground.

6th. That the inside diameter of the casing is 18 inches.

7th. That the static water level in the well is 160 feet below ground surface

8th. That the depth to water under normal pumping conditions is 210 feet below ground surface. (Pumping Level)

9th. That the diameter of the pump column is 5/3 inches That the diameter of the 2 (Give number of bowls) bowl or bowls is 10 inches.

10th. That the type and size of impeller is as follows

Western Land Roller bwl 10 , Impeller [illegible]

11th. That the well was completed on or about the [illegible] day of [illegible], 19[illegible]

1

Revised April 1, 19[illegible]
Dr 87-3

Registration No. G-45005 County of Platte Date Filed June 18, 1975

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grose [illegible] (Name of Driller), of [illegible] (Postoffice Address)

County of Bonne State of do hereby certify that

1 I am the driller of a well located on the Quarter Section No

Township North, Range owned by

whose postoffice address is. State of

2. That the drilling was begun on the 1 day of [illegible] 19 5 and completed on

the 17 day of Febr. 19

3. That the well is cased and screened in the following manner 12" [illegible] screen, (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.) 4-12 plain, 12-40 screen, [illegible] lug

4. That the diameter of drilled hole is [illegible] inches

5. That Reverse [illegible] type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows [illegible] bottom, [illegible] bottom to top.

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 15 | top & cl[illegible] |
| 15 | 176 | clay |
| 176 | 204 | fine - [illegible] |
| 204 | 213 | clay |
| 213 | 215 | fine - [illegible] |
| 215 | 2[illegible] | cl[illegible] |
| | | |
| | | |
| | | |

Date Signed April 27, 1[illegible]7 [illegible] Irrigation Co by [illegible] Driller

(If more space is required please use reverse side of this page.) [illegible]

Revised April 1967
Lrr 83-1

1

Registration No. G-44105 County of Platte Date Filed March 26, 1975

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Wendell Neel (Name of Person registering well) of Bancroft (Postoffice Address)

County of Cuming State of Neb do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Wendell Neel, of Main Street Bancroft (City or Village) County of Cuming State of Neb

2nd. That the irrigation well is located on the W ½ Quarter of the NW¼ Quarter of Section 24 Township 20, Range 4 W of the Sixth P M Platte Co County and is 10 ft feet from the West line and 1200 feet from the South line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land W ½ NW¼ 24-20 4W 6PM (Quarter Section Township and Range)

amounting in all to approximately 80 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 1000 gallons per minute.

5th That the depth of the well is 187 feet measured from the surface of the ground

6th That the inside diameter of the casing is 15 inches

7th That the static water level in the well is 129 feet below ground surface

8th. That the depth to water under normal pumping conditions is 160 (Pumping Level) feet below ground surface.

9th That the diameter of the pump column is 6 inches That the diameter of the 5 (Give number of bowls) bowl or bowls is 11 inches

10th. That the type and size of impeller is as follows

Fairbanks & Morse 10 Mixed Flow Impellers A

11th That the well was completed on or about the 20 day of March 1975

Revised April 1, 1969
Br 87-3

1

Registration No. G-44105 County of Platte Date Filed March 26, 1975

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1 I am the driller of a well located on the W ½ NW ¼ Quarter Section No 24 Township 20 North, Range 4W owned by Wendell Neil whose postoffice address is Bancroft State of Neb

2. That the drilling was begun on the 6 day of May 1974 and completed on the 7 day of May 1974

3. That the well is cased and screened in the following manner (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 36 inches

5. That Reverse Rotary Action type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows Concrete on bottom gravel packed bottom to top

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 15 | topsoil & clay |
| 15 | 45 | clay & sand streaks |
| 45 | 120 | clay |
| 120 | 133 | sand & clay layers |
| 133 | 183 | Fine - med gravel |

Date Signed Aug 22, 1974

Grosch Irrigation Co
Driller
By [illegible]

(If more space is required please use reverse side of this page.)

Revised April 1967
Irr 67 1

1

Registration No. G-41903 County of Platte Date Filed August 23, 1974

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Donald J. Pfeifer (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Donald J Pfeifer, of Lindsay Street RFD #2 (City or Village) County of Platte State of Nebraska

2nd. That the irrigation well is located on the ~~SW 1/4~~ Center of Quarter of the ~~24~~ SW 1/4 Quarter of Section ~~20~~ 24 Township 20 Range 4W of the Sixth P M Platte County and is feet from the line and feet from the line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land SW 1/4 24-20-4W (Give Quarter Section Township and Range)

amounting in all to approximately 158 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th That the capacity of said well under normal operating conditions is 1250 gallons per minute

5th That the depth of the well is 131 feet measured from the surface of the ground.

6th That the inside diameter of the casing is 18 inches.

7th That the static water level in the well is 55 feet below ground surface

8th That the depth to water under normal pumping conditions is 87 (Pumping Level) feet below ground surface

9th That the diameter of the pump column is 6 5/8 inches That the diameter of the 7 (Give number of bowls) bowl or bowls is 10 inches.

10th That the type and size of impeller is as follows

Layne & Bowler bowls 10R, impeller H

11th That the well was completed on or about the 17 day of May 1974

Revised April 1, 1955
Form 67-3

1

Registration No. G-41903 County of Platte Date Filed August 23, 1974

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Crosch Irrigation Co of Silver Creek
(Name of Driller) (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1 I am the driller of a well located on the Quarter Section No

Township North Range owned by

whose postoffice address is State of

2. That the drilling was begun on the 3 day of May, 1974 and completed on the 4 day of May 1974

3. That the well is cased and screened in the following manner 0-91 plain, 91-130 screen, 130-131 plug
(Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 36 inches

5. That Reverse Rotary Action type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows Concrete on bottom gravel packed bottom to top

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 15 | Top soil clay |
| 15 | 30 | clay & sand streaks |
| 30 | 99 | clay |
| 99 | 148 | Fine - med gravel |

Date Signed June 24, 1974

Crosch Irrigation Co
By [signature]
Driller

(If more space is required please use reverse side of this page.)

Revised April 1967
Lrr 67 1

1

Registration No. G-40900 County of Platte Date Filed April 15, 1974

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, George E Pfeifer (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is George E Pfeifer of Rural Route 1 Street Lindsay (City or Village) County of Platte State of Nebraska

2nd. That the irrigation well is located on the NE¼ Quarter of the Quarter of Section 27 Township 20, Range 3W of the Sixth P M Platte County and is 1287 feet from the East line and 1287 feet from the North line of said tract.

3rd That the well was installed with the intention of irrigating all or parts of the following described land 133 Acres of The NE¼ (Give Quarter) 27 (Section) 20 (Township) 3W (Range)

amounting in all to approximately 133 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 1250 gallons per minute

5th That the depth of the well is 206 feet measured from the surface of the ground

6th That the inside diameter of the casing is 18 inches

7th That the static water level in the well is 127 feet below ground surface

8th That the depth to water under normal pumping conditions is 153 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 8 5/8 inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 12 inches.

10th. That the type and size of impeller is as follows

Western Land Roller 20 1/4 12R, Impeller H 1/2 C

11th. That the well was completed on or about the 10 day of April 19 74

Revised April 1, 1966
Irr 67-3

1

Registration No. G-40900 County of Platte Date Filed April 15, 1974

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Crosch Irrigation Co (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1 I am the driller of a well located on the NE ¼ Quarter Section No 27 Township 20 North, Range 3W owned by George E Pfeifer whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 23 day of Oct 1973 and completed on the 24 day of Oct 1973

3. That the well is cased and screened in the following manner 0-94 plain, 94-197 staggered screen to 1 plain, 197 205 screen, 205-206 plain (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 36 inches

5. That Reverse Rotary Action type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows concrete on bottom, gravel packed on bottom to top

7 That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 15 | Top clay |
| 15 | 133 | Clay |
| 133 | 150 | Fine-med sand |
| 150 | 165 | Coarse sand & fine gravel |
| 165 | 204 | Fine-med gravel |
| 204 | 210 | clay |

Date Signed April 9, 1974

Crosch Irrigation Co
By Dean Opp
Driller

(If more space is required please use reverse side of this page.)

Revised April 1967

9 20 72
8 15
13
1

Registration No. G-37683 County of Platte Date Filed September 20, 1972

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Paul Gasper (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebr., do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Paul Gasper, of _____ Street, Lindsay (City or Village) County of _____ State of Nebr.

2nd. That the irrigation well is located on the NE Quarter of the NE Quarter of Section 13 Township 20, Range 4W of the Sixth P M., Platte County, and is 20 feet from the North line and 500 feet from the east line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land northeast quarter, section thirteen, township twenty, range 4 west (Give Quarter Section Township and Range) amounting in all to approximately 120 acres.

(If installation consists of a battery of wells with one outlet, give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 900 gallons per minute.

5th. That the depth of the well is 104 feet, measured from the surface of the ground.

6th. That the inside diameter of the casing is 17 inches.

7th. That the static water level in the well is 40 feet below ground surface.

8th. That the depth to water under normal pumping conditions is 58 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 8 inches. That the diameter of the 4 (Give number of bowls) bowl or bowls is 12 inches.

10th. That the type and size of impeller is as follows
Layne standard impeller, four stage, twelve inch bowls

11th. That the well was completed on or about the 14 day of June, 1972.

Registration No. G-37683 County of Platte Date Filed Sept. 20, 1972

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Starks Drilling & Supply Co. Inc. (Name of Driller) of 204 No 6th St (Postoffice Address)

County of Boone State of Nebr. do hereby certify that:

1. I am the driller of a well located on the northeast Quarter, Section No. 13 Township 20 North, Range 4W, owned by Paul Gasper whose postoffice address is Lindsay State of Nebr.

2. That the drilling was begun on the 13 day of June, 1972, and completed on the 14 day of June, 1972.

3. That the well is cased and screened in the following manner: 52 ft. screen (Give kind of casing, lengths and position of slots and [illegible] plain [illegible] weight of [illegible] casing, etc.)

4. That the diameter of drilled hole is 28 inches.

5. That reverse rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows: 1/8" to 1/4" gravel packed

7. That the following is an accurate log of the depth, thickness and character of the different strata [illegible] and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 30 | yellow clay |
| 30 | 45 | sandy clay |
| 45 | 49 | fine sand |
| 49 | 59 | " " |
| 59 | 86 | medium gravel |
| 86 | 92 | sandstone & sand |
| 92 | 102 | sandy clay with gravel |
| 102 | 106 | sandy clay |

Date Signed 7-28-72 Starks Drilling & Supply Co. Inc. (Driller)

(If more space is required please use reverse side of this page.)

Revised April 1967
Irr 57-1

1

Registration No. G-34009 County of Platte Date Filed February 12, 1971

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, LEO WIESE (Name of Person registering well) of LINDSAY (Post office Address)

County of PLATTE State of NEBR do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Leo WEIESE of Street LINDSAY (City or Village) County of PLATTE State of NEBR

2nd That the irrigation well is located on the NE Quarter of the NE Quarter of Section 21 Township 20, Range 3W of the Sixth P M PLATTE County and is 15 feet from the EAST line and 10 feet from the South line of said tract

3rd That the well was installed with the intention of irrigating all or parts of the following described land NE 1/4 - 21 - 20 3W (Give Quarter Section Township and Range)

amounting in all to approximately 160 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 1200 gallons per minute

5th That the depth of the well is 214 feet measured from the surface of the ground

6th That the inside diameter of the casing is 18 inches

7th That the static water level in the well is 139 feet below ground surface

8th That the depth to water under normal pumping conditions is 180 (Pumping Level) feet below ground surface

9th That the diameter of the pump column is 8 inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 12 inches

10th That the type and size of impeller is as follows
Western Land Roller Co E 70248

11th That the well was completed on or about the 9 day of Feb 1971

Revised April 1, 1969
Irr 97-3

Registration No. G-34009 County of Platte Date Filed Febr. 12, 1971

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co. Inc (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebr. do hereby certify that

1 I am the driller of a well located on the NE Quarter Section No 21

Township 20 North, Range 3 owned by Leo Wiese

whose postoffice address is Lindsay State of Nebr.

2. That the drilling was begun on the 6 day of Oct 1970 and completed on

the 6 day of Oct 1970

3 That the well is cased and screened in the following manner 1' plug 44' screen (Give kind of casing lengths and position of plain and screen casing, weight of metallic casing, etc.) 170 2 plain

4. That the diameter of drilled hole is 36" inches

5. That reverse rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed, as follows Plug at bottom gravel pack to top

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 2 | Top |
| 2 | 155 | Clay |
| 155-157 | ~~[illegible]~~ | Gravel |
| 157 | 160 | Clay |
| 160 | 164 | Sand & Gravel |
| 164 | 165 | Clay |
| 165 | 214 | Coarse Sand & Gravel |
| 214 | 225 | Clay |

Date Signed Feb. 9 - 71

Grosch Irrigation Co. Inc.
Driller
Warren Grosch

(If more space is required please use reverse side of this page.)

Revised April 1967
Irr 57-1

3

Registration No G-33812 County of Platte Date Filed December 28, 1970

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I _____ (Name of Person registering well) of _____ (Postoffice Address)

County of _____ State of _____, do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is _____ of _____ Street, _____ (City or Village) County of _____ State of _____

2nd. That the irrigation well is located on the _____ Quarter of the _____ Quarter of Section 17 Township 2 Range V of the Sixth P M _____ County and is 120 feet from the _____ line and _____ feet from the _____ line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land west _____ (Give Quarter, Section Township and Range) _____ amounting in all to approximately _____ acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th. That the capacity of said well under normal operating conditions is 150 gallons per minute

5th. That the depth of the well is 30 feet, measured from the surface of the ground.

6th That the inside diameter of the casing is 17 inches.

7th That the static water level in the well is 70 feet below ground surface

8th That the depth to water under normal pumping conditions is _____ (Pumping Level) feet below ground surface

9th. That the diameter of the pump column is _____ inches That the diameter of the _____ (Give number of bowls) bowl or bowls is _____ inches

10th That the type and size of impeller is as follows

[illegible]

11th That the well was completed on or about the _____ day of _____ 1970

Sec 17, T 20N., R 3W, Platte Co

12th. That attached hereto are three copies of the log of the well certified to by the driller of the well.

13th. That the driller of this well is. _____ whose address is _____

14th. That the name of the tenant or operator if other than the owner is _____ whose address is _____

15th. That the relation which the subscriber to this instrument bears to said registrant is that of _____
(State whether owner tenant or agent for land on which well is located)

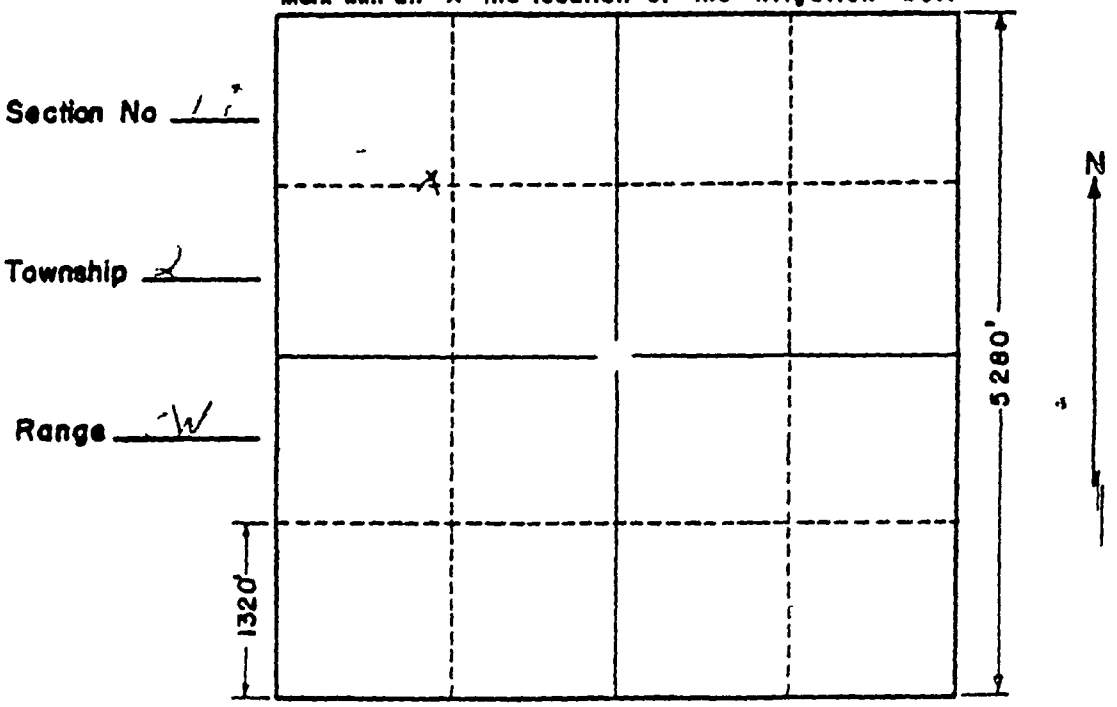
and that he is authorized to sign this instrument in behalf of the interest affected.

Signed James H. Bateman

Dated 9-11-70

This drawing represents one Section

Mark with an "X" the location of the irrigation well




Each small subdivision is a 40-acre tract

State of Nebraska
Department of Water Resources } ss

This instrument was filed for record at 8 15 o'clock A M. on the 28th day of Dec 19 70

Director of Water Resources

Revised April 1, 1968
Irr 57-3

3

Registration No. G-33812 County of Platte Date Filed Dec 28, 1970

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Staska Drilling Co. Inc. (Name of Driller) of 204 No. 6th (Postoffice Address)

County of Boone State of Nebr. do hereby certify that

1 I am the driller of a well located on the ___ Quarter Section No 17

Township 20 North, Range 3W owned by ___

whose postoffice address is Lindsay State of Nebr.

2. That the drilling was begun on the 11 day of August 19 and completed on the 13 day of August 1970

3. That the well is cased and screened in the following manner 46 ft screen (Give kind of casing, lengths and position of plain and balance plain screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 32 inches.

5. That reverse rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows gravel packed 1/4 to 1/8"

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 10 | top soil |
| 10 | 48 | red clay |
| 48 | 82 | sandy clay |
| 82 | 116 | gravel |
| 116 | 125 | sandy clay |
| 125 | 130 | white clay - limestone |
| 130 | 146 | orange clay |

Date Signed 7-11-70

Staska Drilling Co. Inc.
Driller

(If more space is required please use reverse side of this page)

Revised April 1967
Div. 51-1

1

Registration No. G-33789 County of Platte Date Filed December 21, 1970

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I, ALVIN PREISTER (Name of Person registering well) of RR Humphrey (Postoffice Address)

County of PLATTE State of NEBR, do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is ALVIN PREISTER, of RR Street Humphrey (City or Village) County of PLATTE State of NEBR

2nd. That the irrigation well is located on the NW Quarter of the NW Quarter of Section 30 Township 20, Range 3 W of the Sixth P M PLATTE County and is 10 feet from the South line and 10 feet from the EAST line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land NW 30-20-3W (Give Quarter Section Township and Range) NE 25-20-3W

amounting in all to approximately 260 acres

(If installation consists of a battery of wells with one outlet, give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 1250 gallons per minute

5th. That the depth of the well is 229½ feet, measured from the surface of the ground.

6th That the inside diameter of the casing is 17 inches

7th That the static water level in the well is 110 feet below ground surface.

8th. That the depth to water under normal pumping conditions is 175 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 8 inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 12 inches.

10th. That the type and size of impeller is as follows

Western Land Roller Turbine G-12C-H-# E70258

11th. That the well was completed on or about the 8 day of DECEMBER 19 70

Revised April 1, 1955
Rev. 57-3

Registration No. G-33789 County of Platte Date Filed Dec. 21, 1970

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation of Silver Creek
(Name of Driller) (Postoffice Address)

County of McBride State of NEBR do hereby certify that

1. I am the driller of a well located on the N W Quarter Section No. 30

Township 20 North, Range 3 W, owned by Alvin Preister

whose postoffice address is Humphrey State of NEBR

2. That the drilling was begun on the 25 day of August, 1970 and completed on the 29 day of August, 1970

3. That the well is casted and screened in the following manner 1 plug - 32' screen 20' plain
(Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)
20' screen 15 6 plain 1 block 6" block

4. That the diameter of drilled hole is 34 inches.

5. That Reverse Action Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows Plug in bottom
Gravel Packed to Top

7 That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 81 | Clay |
| 81 | 89 | Coarse Sand Clay lyrs |
| 89 | 138 | Mostly Sort Sandy Clay |
| 138 | 178 | Sand - Med to Coarse |
| 178 | 196 | Clay |
| 196 | 216 | Good Sharp Sand |
| 216 | 230 | Coarse Sand & Gravel |
| 230 | 240 | Clay |

Date Signed 12-8-70

Grosch Irrig Co Inc
Driller

(If more space is required please use reverse side of this page)

Revised April 1967
Lrr 67 1

3

Registration No G-33637 County of Platte Date Filed November 10, 1970

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I Richard L. Preister (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Ella Freudenburg of 205 E. Sheridan Street West Point (City or Village) County of Cuming State of Nebraska

2nd. That the irrigation well is located on the NW Quarter of the SW Quarter of Section 20 Township 20 Range 3W of the Sixth P M Platte County and is 300 feet from the FW line and 300 feet from the NS line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land 191 acres, S ½, section 20, township 20, range 3W (Give Quarter Section Township and Range)

amounting in all to approximately 191 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 1500 gallons per minute

5th That the depth of the well is 94 feet, measured from the surface of the ground

6th That the inside diameter of the casing is 18 inches.

7th That the static water level in the well is 30 feet below ground surface

8th That the depth to water under normal pumping conditions is 53 (Pumping Level) feet below ground surface

9th That the diameter of the pump column is 8 5/8 inches That the diameter of the 2 (Give number of bowls) bowl or bowls is 12 inches

10th. That the type and size of impeller is as follows

12B bowl with hc impellor-Western Land Roller turbine

11th That the well was completed on or about the 20 day of October 19 70

Sec 20, T 20N, R 3W, Platte Co.

12th. That attached hereto are three copies of the log of the well certified to by the driller of the well

13th That the driller of this well is. Crosch Irrigation Co Inc whose address is

Silver Creek, Nebraska 68663

14th That the name of the tenant or operator if other than the owner is Richard Preister

whose address is Lindsay, Nebraska

15th That the relation which the subscriber to this instrument bears to said registrant is that of

tenant

(State whether owner tenant or agent to land on which well is located)

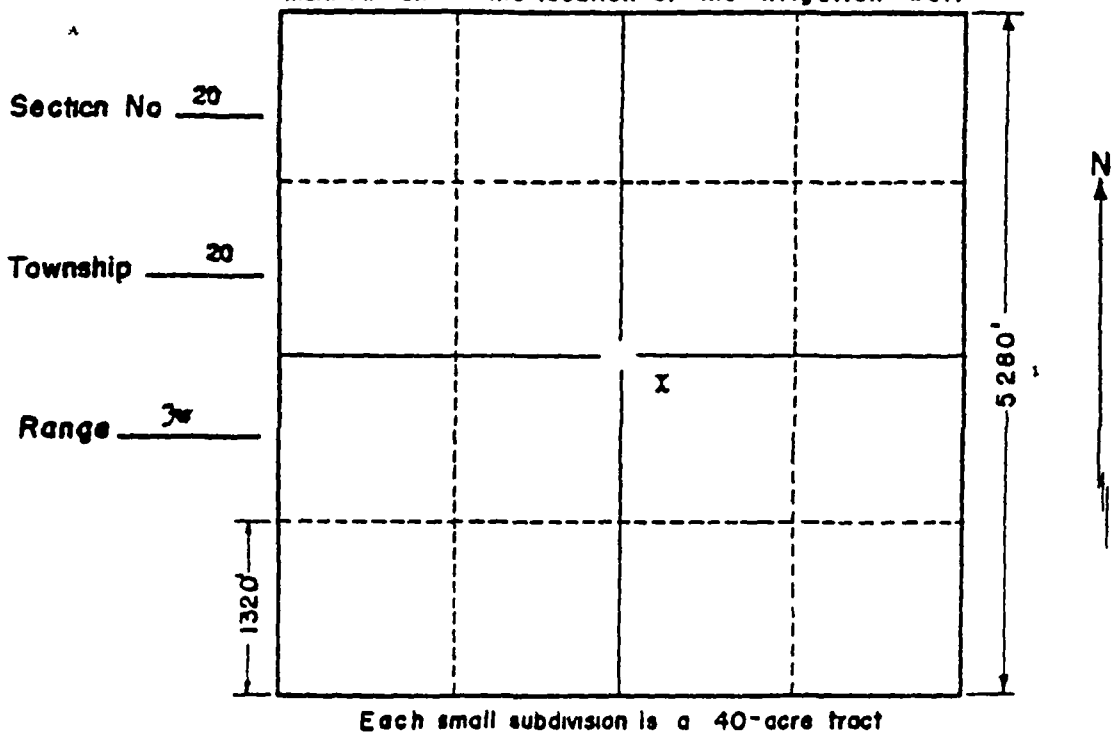
and that he is authorized to sign this instrument in behalf of the interest affected.

Signed Richard J Preister

Dated 11/9/70

This drawing represents one Section

Mark with an "X" the location of the irrigation well




Each small subdivision is a 40-acre tract

State of Nebraska

Department of Water Resources } ss

This instrument was filed for record at 8:15 o clock A M. on the 10th day of Nov 19 70

Director of Water Resources

ation No. G-33637 County of Platte Date Filed Nov. 10, 1970

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co Inc (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1 I am the driller of a well located on the south east Quarter Section No 20

Township 20 North Range 3W, owned by ELLA Freudenburg

whose postoffice address is 205 F Sheridan, West Point State of Nebraska

2. That the drilling was begun on the 19 day of October 1970 and completed on the 20 day of October 1970

3. That the well is cased and screened in the following manner cement casing: 1' plug, (Give kind of casing lengths and position of plain and screen casing, weight of metallic casing, etc.)
40' screen, 52' plain, 1' plain

4. That the diameter of drilled hole is 36 inches.

5 That reverse hydraulic type of drilling machinery was used

6. That the drilled hole is/is not sealed, as follows cement and gravel

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 2 | top ~~soil~~ soil |
| 2 | 50 | clay |
| 50 | 93 | sand and gravel |
| 93 | 94 | clay |

Date Signed November 9, 1970

Grosch Irrigation Co Inc
Driller

If more room is required please use reverse side of this page

Revised April 1967
Form 52-1

1

Registration No. G-33172 County of Platte Date Filed August 5, 1970

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Anton H. Klaasen (Name of Person registering Well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Anton H. Klaasen of Route 1 Street Lindsay (City or Village) County of Platte State of Nebraska

2nd. That the irrigation well is located on the S ½ Quarter of the SE¼ Quarter of Section 28 Township 18 Range 3 of the Sixth P M Platte County and is 10 feet from the North line and 1050 feet from the East line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land S½ of SE¼ Section 28 Lt Bernard Twp Range 3 (Give Quarter Section Township and Range) Part W½ of NE¼ Sec. 33 Lt Bernard Twp Range 3

amounting in all to approximately 85 acres.

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 1253 gallons per minute.

5th. That the depth of the well is 84½ feet measured from the surface of the ground

6th. That the inside diameter of the casing is 18 inches.

7th. That the static water level in the well is 18 feet below ground surface

8th. That the depth to water under normal pumping conditions is 46 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 8 inches That the diameter of the 1 (Give number of bowls) bowl or bowls is 12B inches

10th. That the type and size of impeller is as follows

Western Land Roller Turbine Pump

11th. That the well was completed on or about the 15 day of May, 19 70

Registration No. G-33172 County of Platte Date Filed Aug. 5, 1970

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co. Inc. (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska, do hereby certify that:

1. I am the driller of a well located on the SE Quarter, Section No. 28 Township St Bernard North, Range 3, owned by Anton H Klausen whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 15 day of May, 1970, and completed on the 15 day of May, 1970

3. That the well is cased and screened in the following manner 1" plug, 40" screen, 16" stagg. (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.) 24" plain, 2" block, 1" block, 6" block

4. That the diameter of drilled hole is 36 inches.

5. That Reverse Action Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows. Plugged at bottom, gravel packed to top.

7. That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 20 | Top clay |
| 20 | 60 | Sandy clay |
| 60 | 85 | Coarse sand and gravel, with few small clay layers |

Date Signed July 16, 1970 Grosch Irrigation Co. Inc (Driller)

(If more space is required please use reverse side of this page.) [signature]

Revised April 1967
Irr 67 1

1

Registration No. G-32031 County of Platte Date Filed October 10, 1969

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Edward J Husemann (Name of Person registering well) of P O Box 22782, Houston (Post Office Address)

County of Harris State of Texas, do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Husemann Joint Account, of P. O. Box 22782 Street Houston (City or Town) County of Harris State of Texas

2nd. That the irrigation well is located on the middle ~~XXXXX~~ of the NW Quarter of Section 6 Township 20 N, Range 3 W of the Sixth P M Platte County and is 1320 feet from the West line and 1320 feet from the North line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land NW¼, Section 6, Township 20N Range 3W (Quarter Section Township and Range)

amounting in all to approximately 110 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 900 gallons per minute

5th. That the depth of the well is 225 feet measured from the surface of the ground

6th. That the inside diameter of the casing is 18 inches

7th That the static water level in the well is 10 feet below ground surface

8th That the depth to water under normal pumping conditions is 198 (Pumping Level) feet below ground surface

9th. That the diameter of the pump column is 8 inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 12C inches.

10th. That the type and size of impeller is as follows

Western Land Roller Turbine Pump

11th. That the well was completed on or about the 3 day of July 19 69

Revised April 1, 1955
Form 67-3

1

Registration No. G-32031 County of Platte Date Filed October 10, 1969

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co. (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1. I am the driller of a well located on the Northwest Quarter Section No Six

Township 20 North, Range 3 owned by Husemann Joint Account

whose postoffice address is P. O. Box 22782, Houston State of Texas

2. That the drilling was begun on the 2 day of July, 19 69, and completed on the 3 day of July, 19 69

3. That the well is cased and screened in the following manner 1' plug, 68' screen, 156' plain (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 36 inches.

5. That Reverse Action Rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows Plugged at bottom, gravel packed to top

7. That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 129 | Top soil and clay |
| 129 | 151 | Good sand and gravel |
| 151 | 165 | Clay |
| 165 | 180 | Clay and sand layers 174-180 Fine sand |
| 180 | 195 | 180-182 Sand fine |
| | | 182-192 Clay |
| | | 192-195 Sand fine |
| 195 | 210 | Sandy clay 204-210 Fine sand |
| 210 | 225 | 210-219 Fine sand |
| | | 219-225 Fair sand and gravel (Green) |
| 225 | 226 | Rock |

Date Signed July 24, 1969

Grosch Irrigation Co.
Driller

(If more space is required please use reverse side of this page.)

Revised April 1967
Lrr 87 1

1

Registration No. G-31950 County of Platte Date Filed Sept 15, 1969

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Staska Drilling Co (Name of Person registering well) of Clarkson (Postoffice Address)

County of Boone State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is James Beller, of Street Lindsay (City or Village) County of Madison State of Nebraska

2nd. That the irrigation well is located on the SW Quarter of the Quarter of Section 13 Township 20 N Range 4W of the Sixth P M Platte County and is feet from the line and feet from the line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land SW - 13 - 20 N - 4W (1/4 Quarter Section Township and Range)

amounting in all to approximately 150 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 1000 gallons per minute.

5th. That the depth of the well is 169½ feet measured from the surface of the ground

6th That the inside diameter of the casing is 17 inches

7th That the static water level in the well is 100 feet below ground surface

8th. That the depth to water under normal pumping conditions is 112 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 6 5/8 inches That the diameter of the 5 (Give number of bowls) bowl or bowls is 12 inches

10th. That the type and size of impeller is as follows

5 stage 12 C south H impellers

11th That the well was completed on or about the 20 day of May 1969

Revised April 1, 1968
Rev. 67-3

1

Registration No. G-31950 County of Platte Date Filed Sept 15, 1969

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Staska Drilling Co (Name of Driller) of Albion (Postoffice Address)

County of Boone State of Nebr do hereby certify that

1 I am the driller of a well located on the SW Quarter Section No

Township North, Range owned by James Beller

whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 14 day of April 1969 and completed on the 15 day of April 1969

3. That the well is cased and screened in the following manner 40 ft. Screen (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.) Balance plain Concrete

4. That the diameter of drilled hole is 32 inches

5. That Reverse Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows Gravel packed Size 1/8" to 1/4"

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 15 | top Soil |
| 15 | 90 | Clay |
| 90 | 105 | Sandy Clay & Sand |
| 105 | 118 | Course Sand some Clay |
| 118 | 169 | Good Course Gravel |
| 169 | 200 | Sand & Clay |
| 200 | 240 | Clay with some layers Sand |

Date Signed May 20, 1969 Adolph Staska Driller

(If more space is required please use reverse side of this page.)

Revised April 1967
Lrr 67 1



Registration No. G-31865 County of Platte Date Filed August 28, 1969

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Rose A, Asche (Name of Person registering well) of Columbus (Post Office Address)

County of Platte State of Nebr do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Rose A Asche of 1470 - 31st Ave Street Columbus (Post Office) County of Platte State of Nebr

2nd That the irrigation well is located on the Quarter of th Quarter of Section 34 Township 20 Range 3 E of the Sixth P M Platte County and 1320 feet from the North line and 1320 feet from the West line of said tract.

3rd That the well was installed with the intention of irrigating all or parts of the following described land All of the NW quarter of section 4, township 20, range 3 E 6 P M

amounting in all to approximately 160 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 1000 gallons per minute

5th. That the depth of the well is 257 feet measured from the surface of the ground.

6th That the inside diameter of the casing is 18 inches

7th That the static water level in the well is 120 feet below ground surface

8th That the depth to water under normal pumping conditions is 140 (Pumping Level) feet below ground surface

9th That the diameter of the pump column is 8 inches That the diameter of the 8 (Give number of bowls) bowl or bowls is 10 inches

10th That the type and size of impeller is as follows

Duncan Turbine Pump Bronze mounted 7" x 7 1/16"

11th That the well was completed on or about the 30 day of July 19 69

Revised April 1, 1968
IFF 87-3

1

Registration No. G-31865 County of Platte Date Filed August 25, 1969

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Laska Drilling Company (Name of Driller) of Duncan (Postoffice Address)

County of Platte State of Nebraska do hereby certify that

1 I am the driller of a well located on the / Quarter Section No 34

Township 20 North, Range 2W owned by Rose A Ascne

whose postoffice address is Columbus State of Nebr

2. That the drilling was begun on the ? day of June 19 69 and completed on

the 1 day of July 19 69

3. That the well is cased and screened in the following manner 0 to 205' - 18" concrete plain (Gi kind of casing lengths and position of plain and

205' to 257' - concrete perforated casing screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 34 inches.

5. That Reverse Circulation type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows 52 Feet Perforated concrete casi g

205 feet Plain concrete casing Concrete bottom plug

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 103 | Yellow clay |
| 103 | 123 | Fine - med sand |
| 123 | 138 | Sandy clay 6" grav 135' |
| 138 | 169 | Sandy clay |
| 169 | 180 | Very fine sand |
| 180 | 196 | Blue clay |
| 196 | 201 | Coarse sand |
| 201 | 211 | Med sand |
| 211 | to 242 | Coarse sand |
| 242 | to 253 | Fine gravel |
| 253 | to 257 | Med gravel |
| 257 | | Clay |

Date Signed 8/27/69

Laska Drilling Company
Driller

(If more space is required please use reverse side of this page.)

Revised April 196
Lrr 67 1

Registration No. G-31798 County of Platte Date Filed August 12, 1969

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I - Wendell Neal (Name of Person registering well) of Bancroft, Nebraska (Postoffice Address)

County of Cuming State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is

Wendell Neel of Bancroft, Neb. Street County of Cuming

State of Nebraska

2nd That the irrigation well is located on the (NW) &SW¼ Quarter of the SW¼ Quarter of the NW¼ Quarter of Section 28

Township 20 Range W3 of the Sixth P M 6thPM Platte County and is

feet from the On line line and feet from the line of said tract

3rd. That the well was installed with the intention of irrigating all or parts of the following described

land 80 Acres North west one Fourth(NW¼)of South West one Fourth(SW¼) -

- and south west one Fourth (SW¼)Of the (NW¼) Section 28 Township 20 North range 3 west of the 6th P M.

amounting in all to approximately 80 acre

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 1253 gallons per minute

5th That the depth of the well is 95 feet measured from the surface of the ground

6th That the inside diameter of the casing is 18 inches

7th That the static water level in the well is 27 feet below ground surface

8th That the depth to water under normal pumping conditions is 45 (Pumping Level) feet below ground surface

9th That the diameter of the pump column is 6 inche That the diameter of the 3 (No. number of bowls)

bowl or bowls is 10C inches

10th That the type and size of pump unit is as follows

- - Western Land Roller Turbine Pump

11th That the well was completed on or about the 26 day of June 19 69

Revised April 1, 1966
Irr 57-3

1

Registration No. G-31798 County of Platte Date Filed August 12, 1969

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co. (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1 I am the driller of a well located on the (NW¼)(SW¼)(SW¼)(NW¼) 80 Acres Quarter Section No 28

Township 20 North, Range N3 owned by Wendell Neel

whose postoffice address is Bancroft, State of Nebraska

2. That the drilling was begun on the 26 day of June 19 69 and completed on the 26 day of June 19 69

3. That the well is cased and screened in the following manner 4' screen plug, 36' screen, 52' (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.) plain 2' block, 1' block

4. That the diameter of drilled hole is 36 inches

5. That Reverse Action Rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows Plugged at bottom, gravel packed to top.

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 45 | Top soil and clay |
| 45 | 60 | Sand 58-60 loose sand |
| 60 | 75 | Sand and gravel |
| 75 | 95 | Good sand and gravel |
| 95 | 105 | Clay 105- 107 sand layers |
| 105 | 120 | ~~Clay~~ Clay |

Date Signed July 23, 1969

Grosch Irrigation Co.
Driller

(If more space is required please use reverse side of this page)

Revised April 1967
Lr 81-1

Registration No. G-31773 County of Platte Date Filed August 8, 1969

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Louis Herckenbach of Lindsay
(Name of Person registering well) (Postoffice Address)

County of Platte State of Nebr. do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Louis Herckenbach of Street Lindsay (City or Village) County of Platte State of Nebr.

2nd. That the irrigation well is located on the SE Quarter of the SW Quarter of Section 10 Township 20, Range 3 W of the Sixth P M County and is 660 feet from the South line and 660 feet from the East line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land the east portion of the SW quarter & the West portion of the SE quarter of S10-T-20-R-3
(Give Quarter Section Township and Range)
amounting in all to approximately 160 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th. That the capacity of said well under normal operating conditions is 1100 gallons per minute

5th. That the depth of the well is 201 feet measured from the surface of the ground.

6th. That the inside diameter of the casing is 18 inches

7th That the static water level in the well is 137 feet below ground surface

8th. That the depth to water under normal pumping conditions is 177 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 8 inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 12C inches.

10th. That the type and size of impeller is as follows

Western Land Roller Turbine Pump

11th. That the well was completed on or about the 20 day of June, 19 69

Revised April 1, 1969
Rev. 67-3

1

Registration No. G-31773 County of Platte Date Filed August 8, 1969

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co. (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1. I am the driller of a well located on the SW Quarter, Section No. 10 Township 20 North, Range 3, owned by Louis Herchenbach whose postoffice address is Lindsay State of Neb.

2. That the drilling was begun on the 19 day of June, 19 69, and completed on the 20 day of June, 19 69.

3. That the well is cased and screened in the following manner 1' plug, 40' screen, 160' plain (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 36 inches.

5. That Reverse Action Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows Plugged at bottom gravel packed to top.

7 That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 2 | Top soil |
| 2 | 162 | Clay |
| 162 | 199 | Sand and gravel |
| 199 | 201 | ~~Cly~~ Clay |

Date Signed July 23, 1969

Grosch Irrigation Co
Driller

(If more space is required please use reverse side of this page) S. Baron Grosch

Revised April 1967
Lrr 67 1

1

Registration No. G-31611 County of Platte Date Filed. July 9, 1969

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Tony Klassen (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Tony Klassen of Street Lindsay (City or Village) County of Platte State of Nebraska

2nd. That the irrigation well is located on the NE Quarter of the NE Quarter of Section 34 Township St Bernard Range 3W of the Sixth P M Platte County and is 40 feet from the East line and 40 feet from the South line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land NE 1/4 Section 34 NW 1/4 Section 35 St Bernard Township and Range 3W (Quarter Section Township and Range)

amounting in all to approximately 320 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th. That the capacity of said well under normal operating conditions is 1250 gallons per minute

5th That the depth of the well is 243 feet measured from the surface of the ground

6th That the inside diameter of the casing is 20 inches

7th That the static water level in the well is 120 feet below ground surface

8th. That the depth to water under normal pumping conditions is 168 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 12 C inches

10th. That the type and size of impeller is as follows

Western Land Roller Turbine Pump

11th That the well was completed on or about the 17 day of Nov 19 68

Revised April 1, 1966
Dr. 67-6

1

Registration No. G-31611 County of Platte Date Filed July 9, 1969

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1 I am the driller of a well located on the NE Quarter Section No 34

Township 15 North, Range 3W owned by Tony K Cassell

whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the ___ day of ___, 19 68 and completed on

the 19 day of Nov. 19 68

3. That the well is cased and screened in the following manner 1' plain, 48' screen, (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

¼ 195' plain

4. That the diameter of drilled hole is 30 inches

5. That Reverse Rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows Fluxed at bottom, gravel packed to top

7 That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 60 | Clay |
| 60 | 75 | Clay |
| 75 | 90 | Sandy clay w/finn sand layers |
| 90 | 105 | Clay sandy clay w/ few small fine sand layers |
| 105 | 120 | Sandy clay w/ fine sand layers |
| 120 | 135 | Clay |
| 135 | 150 | Clay |
| 150 | 165 | Sandy clay w/few fine sand layers |
| 165 | 176 | Sand clay w/ few fine sand layers |
| 176 | 195 | Sandy clay w/ fine sand layers |
| 195 | 209 | Sandy clay w/ few small med. sand layers |
| 209 | 225 | Coarse S- / clay layers |
| 225 | 240 | Coarse S-G w/ few small clay layers |
| 240 | 255 | Coarse S- w/ small clay layers |

Date Signed March 28, 1969 Grosch Irrigation Co

Driller Shannon Grosch

(If more space is required please use reverse side of this page)

Revised April 1967
Irr 57 1

1

Registration No. G-31418 County of Platte Date Filed June 10, 1969

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Eugene Luetheneis (Name of Person registering well) of Lindsay Nebr. (Postoffice Address)

County of Platte State of Neb. do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is same

of Street (City or Village) County of

State of

2nd. That the irrigation well is located on the E ½ Quarter of the SE ¼ Quarter of Section 27

Township 20 Range 3 W of the Sixth P M Platte County and is 1350

feet from the north line and 5260 feet from the west line of said tract

3rd. That the well was installed with the intention of irrigating all or parts of the following described

land E ½ SE ¼ - E ½ SW ¼ - W ½ SE ¼ W ½ SW ¼ All Parcel Sec 27 20 3W (Give Quarter Section Township and Range)

amounting in all to approximately 320 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 1250 gallons per minute

5th That the depth of the well is 233½ feet measured from the surface of the ground

6th That the inside diameter of the casing is 1 inches

7th That the static water level in the well is 124 feet below ground surface

8th That the depth to water under normal pumping conditions is 140 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 9 inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 120 inches

10th That the type and size of impeller is as follows

Western Land roller

11th. That the well was completed on or about the day of 19 6

Revised April 1, 1968
Ser 87-3

1

Registration No. G031418 County of Platte Date Filed March June 10, 1969

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation C (Name of Driller) of [illegible] Cre[illegible] (Postoffice Address)

County of Merrick State of [illegible] do hereby certify that

1 I am the driller of a well located on the [illegible] Quarter Section No 27

Township 20 North, Range 3 W owned by [illegible]

whose postoffice address is [illegible] State of Neb.

2. That the drilling was begun on the 22 day of , 19 68 and completed on the 22 day of Nov 19 [illegible]

3. That the well is cased and screened in the following manner [illegible] plug, 2[illegible]' screen, 32' stag 1-1, 164½' plain (Give kind of casing lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is [illegible] inches

5. That Reverse Rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows Plugged a bottom, gravel packed to top

7 That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 60 | Clay |
| 60 | 90 | ∅ Clay |
| 90 | 105 | Clay |
| 105 | 120 | Clay |
| 120 | 135 | Clay sandy clay w/ few small fine sand layers |
| 135 | 148 | Sandy clay w/few [illegible] clay [illegible] |
| 148 | ∅165 | Coarse Sand gravel |
| 165 | 180 | Coarse S G w/ few clay layers |
| 180 | 193 | Coarse S.G. |
| 193 | 207 | Clay |
| 207 | 209 | Coarse SG |
| 209 | 214 | Clay |
| 214 | 225 | Coarse SG |
| 225 | 234 | Coarse SG |
| 234 | 240 | Yellow [illegible] |

Date Signed March 28, 1969

[illegible] Irrigation C
Driller

(If more space is required please use reverse side of this page.) [illegible]

Revised April 1967
LNR 62-1

Registration No. G-31253 County of Platte Date Filed May 5, 1969

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Benedict T. Pfeifer (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Benedict T. Pfeifer, of Street Lindsay (City or Village) County of Platte State of Nebraska

2nd. That the irrigation well is located on the ~~NE~~ SE Quarter of the SE Quarter of Section 22 Township 20, Range 3 W of the Sixth P M County and is 100 feet from the South line and 1320 feet from the East line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land S½ SE¼ SE 22 - 20 - 3W (Give Quarter Section Township and Range)

amounting in all to approximately 80 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th That the capacity of said well under normal operating conditions is 1250 gallons per minute

5th. That the depth of the well is 30 feet measured from the surface of the ground

6th That the inside diameter of the casing is 12 inches

7th. That the static water level in the well is 120 feet below ground surface

8th. That the depth to water under normal pumping conditions is 160 (Pumping Level) feet below ground surface

9th. That the diameter of the pump column is 6 inches That the diameter of the 8 (Give number of bowls) bowl or bowls is 10C inches

10th That the type and size of impeller is as follows

Western Land Roller under Lumn

11th That the well was completed on or about the day of Oct 19 68

Revised April 1, 1955
Form 51-5

Registration No. G-31253 County of Platte Date Filed May 5, 1969

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Enoch Irrigation Co. (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1. I am the driller of a well located on the Quarter Section No

Township North, Range owned by

whose postoffice address is State of

2. That the drilling was begun on the 4 day of Nov., 19 68 and completed on the 6 day of Nov., 19 68

3. That the well is cased and screened in the following manner 1' plug, 36' plain, 168' plain (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 24 inches

5. That Reverse Rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows Plug 1' at bottom, gravel packed to top

7. That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 15 | Clay |
| 15 | 30 | Clay |
| 30 | 45 | Clay |
| 45 | 60 | Clay |
| 60 | 75 | Clay |
| 75 | 90 | Clay |
| 90 | 105 | Clay |
| 105 | 120 | Sandy clay w/few fine sand layers |
| 120 | 135 | Clay & sandy clay |
| 135 | 150 | Sandy clay w/ few fine sand layers |
| 150 | 165 | Sand clay w/ |
| 165 | 170 | " " " |
| 170 | 180 | Coarse Sand & Gravel |
| 180 | 195 | " " " |
| 195 | 199 | " " " |
| 199 | 200 | Clay |
| 200 | 204 | Coarse S G |
| 204 | 210 | Clay |
| 210 | 225 | Clay |
| 225 | 240 | Clay shale |

Date Signed March 18, 1969 Enoch Irrigation Co. Driller

(If more space is required please use reverse side of this page.) Shane Enoch

Revised April 1947
MAI - 1

1

Registration No. G-[illegible] County of Date Filed [illegible]

West Well

STATE OF NEBRASKA

MUNICIPAL OR INDUSTRIAL WELL REGISTRATION

I, P. H. Seitzel Village Clerk of Lindsay, Nebraska 68644
(Name of person signing registration) (Postoffice Address)

County of Platte State of Nebraska, do hereby certify

1st. That the name of the owner of the municipal (or) industrial well registered herein is Village of Lindsay whose postoffice address is Lindsay, Platte, Nebraska 68644

2nd. That the well is located on the NW Quarter of the NW Quarter of Section 20 Township 20N, Range 3W of the Sixth P M Platte County and it is [illegible] feet from the [illegible] line and [illegible] feet from the [illegible] line of said tract, as accurately shown on the plat on page 2 hereof

3rd. That the well was installed for the following purpose or purposes Use of Village of Lindsay

4th. That the capacity of said well under normal operating conditions is 300 gallons per minute

5th. That the depth of the well is 72½ feet measured from the surface of the ground

6th. That the inside diameter of the casing is inches

7th. That the static water level in the well is feet below ground surface.

8th. That the depth to water under normal pumping condition is 23' 6" (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 5 inches That the diameter of the 6 (Give Number of bowls) bowl or bowls is 8 inches

10th. That the type and size of impeller is as follows

8" Type C

11th. That the well was completed on or about the Unknown day of [illegible], 19[illegible]

Revised April 1, 1968
Inc. 67-4

Registration No. G-29918 County of Platte Date Filed July 23, 1968

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Wendell Neel (Name of Person registering well) of Bancroft, Nebraska (Postoffice Address)

County of Cuming State of Nebraska being first duly sworn upon my oath say

1st. That the name of the owner of the land upon which the irrigation well is located is Wendell Neel, of Bancroft, Street Main (City or Village) County of Cuming State of Nebraska

2nd. That the irrigation well is located on the W½ Quarter of the NE¼ Quarter of Section 18 Township 20 Range 3 West of the Sixth P M Platte County and is feet from the 1500 east line and 1500 feet from the North line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land All of W½ of NE¼ & E½NE¼ of 18-20-3 West of 6PM (Give Quarter Section Township and Range)

amounting in all to approximately 160 acres

(If installation consists of a battery of wells with one outlet, give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is ~~70~~ 1000 gallons per minute

5th. That the depth of the well is 77 1/2 feet measured from the surface of the ground

6th. That the inside diameter of the casing is 18 inches

7th. That the static water level in the well is 12 feet below ground surface.

8th. That the depth to water under normal pumping conditions is 70 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 8-5/8 inches That the diameter of the 2 (Give number of bowls) bowl or bowls is 12 C inches.

10th. That the type and size of impeller is as follows

Western Land Roller Turbine Pump

11th. That the well was completed on or about the 21 day of June, 19 66

Form 68-6

1

Registration No. G-29918 County of [illegible]te Date Filed July 23, 1968

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, GROSCH IRRIGATION CO (Name of Driller) of SILVER CREEK (Postoffice Address)

County of MERRICK State of NEBRASKA do hereby certify that

1. I am the driller of an irrigation well located on the Quarter, Section No.

Township North, Range owned by

whose postoffice address is State of

2. That the drilling was begun on the 21 day of June, 19 66, and completed on the 22 day of June 19 66

3. That the well is cased and screened in the following manner 1'plug, 8'screen, 8'plain, 4'screen 4'plain, 4'screen, 8'plain 4'screen, 8'plain4'screen 25 1/2 plain (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 36 inches

5. That REVERSE ACTION ROTARY type of drilling machinery was used

6. That the drilled hole is/is not sealed, as follows Plugged at Bottom Graveled to Top

7. That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 15 | Top soil and clay |
| 15 | 30 | Clay loose |
| 30 | 38 | Clay loose |
| 38 | 62 | Sand and gravel (46 ft) ~~[illegible]~~ rocks) |
| 62 | 68 | Clay |
| 68 | 70 | (Sand) cavity very loose |
| 70 | 75 | Fine sand |
| 75 | 90 | Clay and fine sand loose |

Date Signed 8-6-66

E. H. Grosch

Irr 57 1

10-3-60
8 20

Registration No. G2C14 County of Platte Date Filed October 3, 1960

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I Ralph Dohmen (Name of Person registering well) of Lindsay Nebr (Post Office Address)

County of Platte State of Nebr being first duly sworn upon my oath say

1st That the name of the owner of the land upon which the irrigation well is located is Ralph Dohmen of Street Lindsay (City Village) County of Platte State of Nebr

2nd That the irrigation well is located on the Quarter of the S½SW Quarter of Section 33 Township 20 Range 3 W of the Sixth P M Platte County and is 1280 feet from the West line and 60 feet from the South line of said tract

3rd That the well was installed with the intention of irrigating all or parts of the following described land S½SW¼ 33 20 3 W (Give Quarter Section Township and Range)

amounting in all to approximately 50 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 850 gallons per minute

5th That the depth of the well is 54 feet measured from the surface of the ground

6th That the inside diameter of the casing is 18 inches

7th That the static water level in the well is 7 feet below ground surface

8th That the depth to water under normal pumping conditions is 41 (Pumping Level) feet below ground surface

9th That the diameter of the pump column is 6 inches That the diameter of the (Give number of bowls) bowl or bowls is inches

10th That the type and size of impeller is as follows

Duncan Turbine Pump 6" column 1 3/16 Shaft 3 Extra Stages #797 Imp

11th That the well was completed on or about the 15 day of June 1960

Irr. 87-8

Registration No. 72014 County of Platte Date Filed. October 3, 1960

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, C. E. DuQuette (Name of Driller) of P.O. Box 353 Columbus, Nebr (Postoffice Address)

County of Platte State of Nebr do hereby certify that

1 I am the driller of an irrigation well located on the S½ SW Quarter Section No 33 Township 20 North Range 3 W owned by Ralph Dohmer

whose postoffice address is Lindsay State of Nebr

2. That the drilling was begun on the 8 day of June 1960 and completed on the 8 day of June 1960

3 That the well is cased and screened in the following manner C-43 10 ga Eaton plain (Give kind of casing lengths and position of plain and screen casing, weight of metallic casing, etc.) 43-83 10 ga Fremont screen, 8" casing

4. That the diameter of drilled hole is 24 inches

5 That DuQuette Drilling Co type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows 12 yards gravel

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 3 | Top soil |
| 3 | 15 | Yellow clay |
| 15 | 20 | Black clay |
| 20 | 45 | Yellow clay |
| 45 | 50 | Sand-gravel-clay |
| 50 | 82 | Sand gravel |
| 82 | 84 | Clay |

Date Signed

Registration No. G-20516 County of Platte Date Filed SEP 11 1959

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Martin P. Gasper of Lindsay
(Name of Person registering well) (Postoffice Address)

County of Platte State of Nebr. being first duly sworn upon my oath say

1st. That the name of the owner of the land upon which the irrigation well is located is Martin Gasper, of R.R Street Lindsay (City or Village) County of Platte State of Nebr.

2nd. That the irrigation well is located on the Quarter of the NW Quarter of Section 12 Township 20, Range 4 of the Sixth P M., Platte County, and is 1320 feet from the North line and 1320 feet from the East line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land NW ¼ Sec 12-20-4 Platte Co.
(Give Quarter Section Township and Range)

amounting in all to approximately 120 acres.

(If installation consists of a battery of wells with one outlet, give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 990 gallons per minute.

5th. That the depth of the well is 67 feet, measured from the surface of the ground.

6th. That the inside diameter of the casing is 18 inches.

7th. That the static water level in the well is 11 feet below ground surface.

8th. That the depth to water under normal pumping conditions is 54 feet below ground surface.
(Pumping Level)

9th. That the diameter of the pump column is 8-5/8 inches That the diameter of the 4 bowl or bowls is 12 inches.
(Give number of bowls)

10th. That the type and size of impeller is as follows

Western Land Roller Turbine #75974

open type XXXXX impeller

11th. That the well was completed on or about the 5 day of Sept, 19 59

Registration No. G-20516 County of Platte Date Filed SEP 11 1959

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co., Inc. (Name of Driller) of Silver Creek, (Postoffice Address)

County of Merrick State of ~~MISSOURI~~ Nebr., do hereby certify that

1. I am the driller of an irrigation well located on the NW Quarter, Section No. 12 Township 20 North, Range 4 owned by Martin Gaspers

whose postoffice address is Lindsay, State of Nebraska

2. That the drilling was begun on the 7 day of July 1959, and completed on the 7 day of July 1959

3. That the well is cased and screened in the following manner Concrete 4' Blocks (Give kind of casing, lengths and position of plain and screen casing, weight of material casing, etc.) 20 ft screen casing 47 ft plain casing

4. That the diameter of drilled hole is 36 inches.

5. That Reverse Action Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows Gravel packed Plug in bottom

7. That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 38 | Top soil & clay |
| 38 | 65 | Sand & gravel |
| 65 | 83 | Clay |
| 83 | 90 | Clay, lime rock |

Date Signed Sept 8, 1959

GROSCH IRRIGATION CO, INC.

Registration No. 9-17686 County of Platte Date Filed DEC 31 1958

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I, Martin P. Gaspers (Name of Person registering well) of Lindsay, Nebraska, (Postoffice Address)

County of Platte State of Nebr being first duly sworn upon my oath say

1st. That the name of the owner of the land upon which the irrigation well is located is

Martin P. Gaspers of Street, Lindsay (City or Village) County of Platte

State of Nebraska.

2nd. That the irrigation well is located on the NE Quarter of the SE Quarter of Section 1,

Township 20, Range 4 of the Sixth P M., Platte County and is 700

feet from the East line line and 700 feet from the North line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land SE¼ Section 12-20-4 and West half of the SW¼ Section 7-20-3 (Give Quarter Section, Township and Range)

amounting in all to approximately 240 acres.

(If installation consists of a battery of wells with one outlet, give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 600 gallons per minute.

5th. That the depth of the well is 95 feet, measured from the surface of the ground.

6th. That the inside diameter of the casing is 18 inches.

7th. That the static water level in the well is 13 feet below ground surface.

8th. That the depth to water under normal pumping conditions is Bottom (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 6 5/8 inches. That the diameter of the 4 (Give number of bowls) bowl or bowls is 10 inches.

10th. That the type and size of impeller is as follows

Western Land Roller Turbine # 795547

10" Open Type Propeller

11th. That the well was completed on or about the 15 day of May, 1955

Registration No. G-17686 County of Platte Date Filed DEC 31 1958

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, GROSCH IRRIGATION CO. INC. (Name of Driller) of Silver Creek, (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1. I am the driller of an irrigation well located on the SE Quarter, Section No. 12 Township 20 North, Range 4, owned by Martin P Gaspers

whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 6 day of May, 1955, and completed on the 6 day of May, 1955

3. That the well is cased and screened in the following manner Concrete 4' blocks (Give kind of casing, lengths and position of plain and 24' perforated 41' plain (screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 36 inches.

5. That Reverse Action Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows Gravel Packed Plug in bottom

7. That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 43 | Top soil & clay |
| 43 | 45 | Sand, clay & gravel layers |
| 45 | 65 | Good sand & gravel |

Date Signed Dec. 18, 1958

GROSCH IRRIGATION CO. INC.
Driller

(If more space is required please use reverse side of this page.)

Registration No. 9-16859 County of Platte Date Filed DEC 30 1958

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Ben Ramacker of Lindsay
(Name of Person registering well) (Postoffice Address)

County of Platte State of Neb being first duly sworn upon my oath say

1st. That the name of the owner of the land upon which the irrigation well is located is Ben Ramacker, of Street Lindsay County of same
(City or Village)
State of Nebr.

2nd. That the irrigation well is located on the N.W. Quarter of the Quarter of Section 8 Township 20, Range 3W of the Sixth P M. Platte County and is 180 feet from the west line and 1600 feet from the north line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land: Sec. 8 Twp 20 Rng 3W.
(Give Quarter Section, Township and Range)

amounting in all to approximately 200 acres.

(If installation consists of a battery of wells with one outlet, give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 850 gallons per minute.

5th. That the depth of the well is 140 feet, measured from the surface of the ground.

6th. That the inside diameter of the casing is 18 inches.

7th. That the static water level in the well is 58 feet below ground surface.

8th. That the depth to water under normal pumping conditions is 101 feet below ground surface.
(Pumping Level)

9th. That the diameter of the pump column is 6 3/4 inches. That the diameter of the 5
(Give number of bowls)
bowl or bowls is 10 inches.

10th. That the type and size of impeller is as follows
5 stag 10C Bowls H Impellers

11th. That the well was completed on or about the 10 day of 10, 1956

Registration No. G-16659 County of _____ Date Filed _____

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

I, DuQuette & Bailey Drilling Co (Name of Driller) of Columbus (Postoffice Address)

County of Platte State of Nebraska, do hereby certify that

1. I am the driller of an irrigation well located on the _____ Quarter, Section No. 8 Township 20 N North, Range 3 W owned by Ben Ramacker

whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 6th day of September, 1956, and completed on the 7th day of September 1956

3. That the well is cased and screened in the following manner 32' Galvanized Steel Screen, 12 Ga and 108' Galvanized Steel Plain, 14 Gauge (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 32 inches.

5. That Reverse Action Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows Gravel Packed

7. That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0' | 3' | Top Soil |
| 3' | 92' | Yellow clay |
| 92' | 104' | Sand & Gravel |
| 104' | 106' | Clay |
| 106' | 119' | Gravel & Sand |
| 119' | 123' | Bentonic Clay |
| 123' | 140' | Sand & Streaks of Clay |

Registration No. 91-2744 County of Platte Date Filed SEP 4 1957

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I, Henry Nienaber (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska being first duly sworn upon my oath say

1st. That the name of the owner of the land upon which the irrigation well is located is Ozel Mile North of Lindsay Street (City or Village) County of Platte State of Nebr.

2nd. That the irrigation well is located on the NE ¼ Quarter of the ____ Quarter of Section 7 Township 20, Range 3W of the Sixth P M Platte County, and is 1320 feet from the West line and 1320 feet from the North line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land all of 160 Acres (Give Quarter Section, Township and Range)

amounting in all to approximately 160 acres.

(If installation consists of a battery of wells with one outlet, give details on a sheet to be attached hereto)

4th. That the capacity of said well under normal operating conditions is 645 gallons per minute.

5th. That the depth of the well is 124 feet, measured from the surface of the ground.

6th. That the inside diameter of the casing is 18 inches

7th. That the static water level in the well is 71 feet below ground surface.

8th. That the depth to water under normal pumping conditions is 98 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 6 inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 10 inches.

10th. That the type and size of impeller is as follows

bronze semi-inclosed #737 impellers

11th. That the well was completed on or about the 10 day of April 1957

Registration No. 4-7744 County of Platte Date Filed SEP 4 1957

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I Leo Laska (Name of Driller) of Duncan (Postoffice Address)

County of Platte State of Nebraska, do hereby certify that

1. I am the driller of an irrigation well located on the SE Quarter, Section No. 7 Township 20 North, Range 3 owned by Henry Nienaber whose postoffice address is Lindsey State of Nebraska

2. That the drilling was begun on the day of March 2, 1957 and completed on the 2 day of March 1957

3. That the well is cased and screened in the following manner (Give kind of casing (wood or metallic), length and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 34 inches

5. That Reverse Circulation type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows Steel plate on bottom

7. That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 10 | Top-soil and clay |
| 10 | 20 | clay |
| 20 | 30 | clay |
| 30 | 40 | clay |
| 40 | 50 | sandy clay |
| 50 | 60 | sandy clay |
| 60 | 70 | sandy cla |
| 70 | 80 | sandy clay |
| 80 | 87 | sandy clay |

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 87 | 90 | gravel (fine) |
| 90 | 100 | gravel (f ne) |
| 100 | 110 | gravel (fine to redium) |
| 110 | 118 | gravel (coarse) |
| 118 | 120 | sand (fine) |
| 120 | 127 | sand ( medium) |
| 127 | 130 | lime (soft) |

Signed LASKA DRILLING COMPANY

Leo Laska

Driller

Revised April, 1976

Registration No. G-7743 County Platte Date Filed 8-26-77

REPLACEMENT WELL, ORIGINAL FILED 9-4-57

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? ☒ Yes No

If yes, give registration number of abandoned well G-7743

Permit No. ..... (required only in a control area) ☒ IRRIGATION

Name & Address of well owner Henry Nienaber ☐ MUNICIPAL
Lindsay Neb 68644 ☐ INDUSTRIAL
(Check One)

Name & Address of well driller Grosch Irrigation Co., Inc.
Box 270
Albion, N 68620

Location of the well (If installation consists of several wells with no [illegible] details on a separate sheet.)

..... Natural Resources District
(Give Name)

Quarter of the W½NW¼ Quarter of Section 15 Township St Bernard 20, Range 3W, Platte County. The well is 1320 feet from the South line and 2620 feet from the West line of the section and is 2640 feet from the nearest municipal irrigation or industrial well. The well is intended for irrigation of all or parts of the following described land 95 of 140

(Quarter Section Township, Range)

amounting to approximately 95 acres

Well and pump specifications

1. Pumping rate under normal conditions 1100 gallons per minute
2. Total well depth 68 feet
3. Inside diameter of the casing 6 inches
4. Static (non pumping) water level in the well 25 feet below ground surface
5. Depth of water under normal pumping conditions feet below ground surface
6. Pump column Diameter 8 inches Length 60 feet
7. The well was completed on or about Aug. , 1977

MORE ON BACK MORE ON BACK

Revised April, 1976

1

Registration No G-7743 County Platte Date Filed 8-26-77

REPLACEMENT WELL, ORIGINAL FILED 9-4-57

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No ..... (required only in a control area)

Name & Address of well driller [illegible] , Inc
Bo [illegible]70
Albion, [illegible] 68[illegible]20

Well Location:

Natural Resources District

Quarter of the W½NW¼ Quarter of Section ~~[illegible]~~ 18, Township 18 St Bernard, Range 20-3 W.

Platte County, and owned by Henry Niemaber

Drilling & construction specifications

1. Date construction was begun Aug 3, 1977.
2. Date construction was completed Aug. , 1977
3. Diameter of the drilled hole 36 inches
4. Was the hole electronically logged? ☐ Yes ☒ No
5. How is drilled hole sealed (not sealed)? concrete on bottom, gravel packed bottom to top.
6. Well casing & screen 32 Plain, 3 Screen
(Give type of casing lengths and vertical position of plain and slotted segments, slot or perforation size.)
7. Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1. Pumping rate 1100 gallons per minute
2. Depth to water before pumping feet
3. Depth to water ..... feet after pumping minutes

NO DRILLING LOG ON BACK

NO DRILLING LOG ON BACK

DWR Form 6082

DO NOT WRITE IN THIS SPACE

Registration No G-4952 County Platte Date Filed 10/8/81 3

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES
WELL REGISTRATION

THIS IS A REPLACEMENT WEL
ORIGINALLY FILED: 7/3/5

1 General information
A Connected well
Is this well connected to another well? ☐ Yes ☒ No
If yes give registration number of previously registered well _____
(If new installation consists of a series of wells with one outlet complete registration forms and driller s certificates for each and submit $7 50)
B Replacement well
Is this well to replace a permanently abandoned well? ☐ Yes ☐ No
If yes give registration number of abandoned well [illegible]
C Permit No _____ (required only in a Ground Water Control Area)

Type of well to be registered (Check One)
☐ IRRIGATION
☐ MUNICIPAL
☐ INDUSTRIAL
☐ Other _____

2 Name & address of well owner
Bertha Wiese Duncan Nebraska
Zip Code 68644 Phone (402) 428-4655

3 Name & address of well driller
[illegible]
Zip Code [illegible] Phone ( ) [illegible]

4 Location & purpose of the well
A 19 Lower Platte North Natural Resources District (Identify)
B SE ¼ of the SE ¼ of Section 11a Township 20 N Berne 4 Range 3 ☐ E ☒ W (check one)
Platte County
C The well is 1 mile feet fro n the nearest municipal irrigation or industrial well The nearest well is owned by ☒ you ☐ someone other than you (check one)
D The well is intended to irrigate 120 acres of land and it is intended to irrigate all or parts of the following land _____
OR
E The well shall be used for purposes of _____

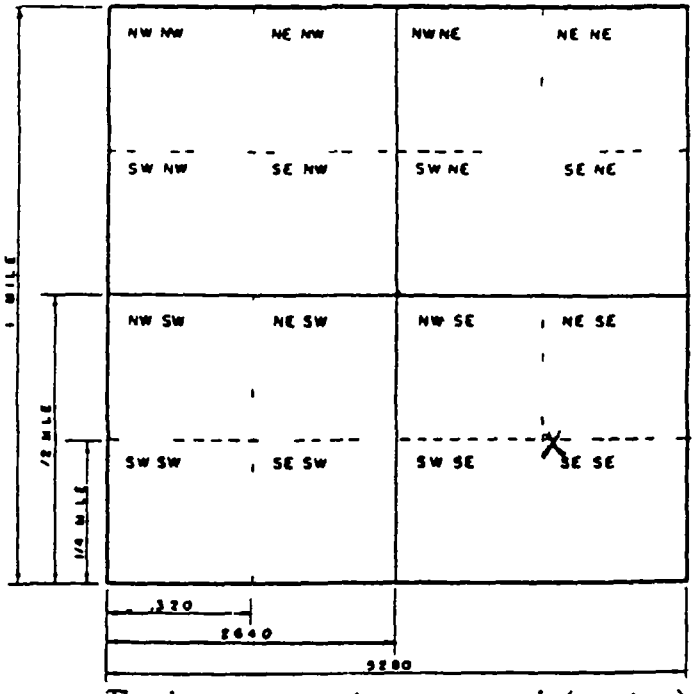
5 Well and pump specifications
A Pumping rate under normal conditions 500 gallons per minute
B Total well depth [illegible] feet
C Inside diameter of the casing 1' inches
D Static (non pumping) water level in the well 132 feet below ground surface
E Depth of water under normal pumping conditions _____ feet below ground surface
X F Pump column Diameter 24 inches Length 203 feet
G The well was completed on or about [illegible] 19[illegible]

MORE ON BACK

MORE ON BACK

PLATTE COUNTY, NEBR., SEC 10

(With an X mark the location of the well)




This drawing represents one square mile (a section)
Each small subdivision is a 40 acre tract

I certify that I am familiar with the information contained on this registration and that to the best of my knowledge and belief such information is true concise and accurate

Bertha Wise 10 7-84

Well Owner's Signature Date

Both a Well Registration and Driller's Certificate must be completed in triplicate and in full An incomplete or defective form will be returned A non refundable $7 50 fee (payable to the Director of Water Resources) must accompany your submittal No fee is required to register (1) a permitted well within a Ground Water Control Area (2) a well constructed to replace a previously registered well or (3) a well connected in a series with another well previously registered Forward to

State of Nebraska
Department of Water Resources
301 Centennial Mall South
P O Box 94676
Lincoln Nebraska 68509

3

egistration No G-4952 County of Platte Date Filed July 3, 1957

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I Leo Vaska (Name of Driller) of Duncan (Postoffice Address)

County of Platte State of Nebraska do hereby certify that

1 I am the driller of an irrigation well located on the — Quarter Section No 16

Township 20 North Range 3 owned by Leo Wiese

whose postoffice address is Lindsey State of Nebraska

2 That the drilling was begun on the 15 day of February 19 57 and completed on the 15 day of February 19 57

3 That the well is cased and screened in the following manner 30 feet perforation (Give kind of casing length and position of plain and screen casing, weight of metal casing etc) 172 feet of corrugated culvert pipe

4 That the diameter of drilled hole is 3 inches

5 That Reverse circulation type of drilling machinery was used

6 That the drilled hole is/is not sealed as follows Steel plate on bottom

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated and the location of water bearing strata

| DEPTH IN FEET FROM | | TO | MATERIAL DRILLED |
|---|---|---|---|
| 0 | 2 | 2 | Top-soil |
| 2 | 18 | 20 | Light brown clay |
| 20 | 20 | 40 | Light brown clay |
| 40 | 20 | 60 | Light brown clay |
| 60 | 20 | 80 | Light brown clay |
| 80 | 20 | 100 | Light brown clay |
| 100 | 30 | 130 | Light brown clay |
| 130 | 9 | 168 | Light brown clay |
| 168 | 30 | 198 | Red gravel medium to coarse |

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 198 | 210 | Light brown clay |

Signed Laska Drilling Company

Les Laska

Driller

Registration No. G-3979 County of Platte Date Filed May 20, 1957

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I Theodore Fehringer (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska being first duly sworn upon my oath say

1st. That the name of the owner of the land upon which the irrigation well is located is Theodore Fehringer of Street Lindsay (City or Village) County of Platte State of Nebraska

2nd. That the irrigation well is located on the SE ¼ Quarter of the ___ Quarter of Section 18 Township 20 St. Bernard, Range 3 of the Sixth P M., Platte County and is ___ feet from the ___ line and ___ feet from the ___ line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land E½ & W¼ Ba W½ E¼ Sec 18-20-3W (Give Quarter Section Township and Range)

amounting in all to approximately 170 acres.

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th. That the capacity of said well under normal operating conditions is 1300 to 1400 gallons per minute

5th. That the depth of the well is 74 feet measured from the surface of the ground.

6th. That the inside diameter of the casing is 18 inches.

7th. That the static water level in the well is ___ feet below ground surface.

8th. That the depth to water under normal pumping conditions is 49 (Pumping Level) feet below ground surface

9th. That the diameter of the pump column is 8 inches. That the diameter of the 2 (Give number of bowls) bowl or bowls is 10 inches.

10th. That the type and size of impeller is as follows (#794 Duncan) Berkeley 1003H

11th. That the well was completed on or about the 3rd day of April 1956

Registration No. H-3979 County of Platte Date Filed May 20, 1957

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Midwest Drilling Company (Name of Driller) of Columbus, (Postoffice Address)

County of Platte State of Nebraska do hereby certify that

1 I am the driller of an irrigation well located on the Quarter Section No.

Township St Bernard North Range owned by Theodore Fehringer

whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 2nd day of April 1956 and completed on the 3rd day of April 1956

3. That the well is cased and screened in the following manner 30' of Perforated Casing, 14 Gauge (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.) and 44' of Plain (Culvert) Casing, 16 Gauge

4. That the diameter of drilled hole is 32 inches

5. That Reverse Action Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows Gravel Packed

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0' | 15' | Yellow Clay |
| 15' | 35' | Blue Clay |
| 35' | 40' | Blue Clay & Sand |
| 40' | 45' | Sand |
| 45' | 55' | Sand & Blue Clay |
| 55' | 74' | Sand & Gravel |

Registration No. G-3485 County of Platte Date Filed May 2, 1957

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I TONY NIENABER (Name of Person registering well) of LINDSAY (Postoffice Address)

County of PLATTE State of NEBRASKA being first duly sworn upon my oath say

1st. That the name of the owner of the land upon which the irrigation well is located is TONY NIENABER of Street LINDSAY (City or Village) County of PLATTE State of NEBRASKA

2nd. That the irrigation well is located on the SE Quarter of the SE Quarter of Section 8 Township 20, Range 3W of the Sixth P M PLATTE County and is 40 feet from the NORTH line and 100 feet from the WEST line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land SE 8 20 3W (Give Quarter Section Township and Range)

amounting in all to approximately 160 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 700 gallons per minute.

5th. That the depth of the well is 231 feet measured from the surface of the ground.

6th. That the inside diameter of the casing is 18 inches

7th. That the static water level in the well is 150 feet below ground surface.

X 8th. That the depth to water under normal pumping conditions is 190 (Pumping Level) feet below ground surface.

X 9th. That the diameter of the pump column is 6 5/8 inches That the diameter of the? (Give number of bowls) bowl or bowls is 10 inches.

X 10th That the type and size of impeller is as follows

BRONZE ENCLOSED

11th. That the well was completed on or about the 28 day of SEPTEMBER, 19 56

Ins. 61-3

1

Registration No. G-3485 County of Platte Date Filed May 2, 1957

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Bailey-DeQuette Well Drilling (Name of Driller) of Columbus (Postoffice Address)

County of Platte State of Nebraska do hereby certify that

1 I am the driller of an irrigation well located on the SE Quarter, Section No 8

Township 20 North Range 3 W owned by Tony Nienaber

whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 26 day of Sept. 19 56 and completed on the 28 day of Sept. 19 56

3. That the well is cased and screened in the following manner 160'-18" Steel (Give kind of casing lengths and position of plain and screen casing, weight of metallic casing, etc.) 71'-18" Steel

4. That the diameter of drilled hole is 34 inches

5. That Hydraulic type of drilling machinery was used.

6. That the drilled hole was/is not sealed as follows

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 160' | Clay |
| 160 | 231 | Sand and Gravel |

Irr 61-1

Registration No. H 3302 County of Platte Date Filed April 25, 1957

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I Benedict T Pfeifer (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska being first duly sworn upon my oath say

1st. That the name of the owner of the land upon which the irrigation well is located is Benedict T. Pfeifer of Street Lindsay (City or Village) County of Platte State of Nebraska

2nd. That the irrigation well is located on the SW Quarter of the NW Quarter of Section 27 Township 20N Range 3W of the Sixth P M Platte County and is 1400 feet from the North line and 1100 feet from the West line of said tract.

3rd That the well was installed with the intention of irrigating all or parts of the following described land All of the NW4 of Sec 27 Two 20N Rge 3 West and 65 Acres Located in NE Corner of Sec. 28 Two 20N Rge 3 West all in Platte County Nebraska.

amounting in all to approximately 218 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 1500 gallons per minute

5th That the depth of the well is 218 feet measured from the surface of the ground

6th That the inside diameter of the casing is 18 inches

7th That the static water level in the well is 18 feet below ground surface

8th That the depth to water under normal pumping conditions is 155 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 6 5/8 inches That the diameter of the 3 (Give number of bowls) bowl or bowls is 10 inches.

10th That the type and size of impeller is as follows
"H" Impeller 13"

11th. That the well was completed on or about the 15 day of February 19 57

Rev 57-B

Registration No. H-3302 County of Platte Date Filed April 25, 1957

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I GROSCH IRRIGATION INDUSTRIES (Name of Driller) of Silver Creek (Office Address)

County of Merrick State of Nebraska do hereby certify that

1 I am the driller of an irrigation well located on the SW¼ of NW¼ Quarter Section No 27

Township 20 North Range 3 owned by Mr. Benedict T. Pfeifer

whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 14 day of Feburary 1957 and completed on the 15 day of Feburary 1957

3 That the well is cased and screened in the following manner Concrete 4' lengths (Give kind of casing lengths and position of plain and screen casing weight of metallic casing, etc.) 174 ft. Plain 44 ft. Screen

4 That the diameter of drilled hole is 36 inches Well 218' Deep

5 That Reverse Action Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows Gravel Packed

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated and the location of water bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 175 | Clay |
| 175 | 215 | Gravel |
| 215 | 218 | Clay |

Revised 6-24-52
Forge 111-1—Irrigation

Application No. G-1847 Water Division No 2A District No.

# APPLICATION FOR A PERMIT TO APPROPRIATE THE WATERS OF THE STATE OF NEBRASKA FOR IRRIGATION

I, Alphon e Pfeifer of Lindsay, Nebraska
(Name of person signing application) (Postoffice address)

County of Platte State of Nebraska being first duly sworn upon my oath says

1st That the name of the applicant is Alphon e Pfeifer
(Name of person or company for whom application is made)

Postoffice address Street Lin County of Platte
(City or Village)

State of Nebraska

2nd That the name of the carrier is

3rd. That the source of the proposed appropriation is Ground Water

4th That the amount of the appropriation desired is 1.00 ~~cubic feet per second of time~~ cubic cr city of pump

5th ~~That it is proposed to locate the threshgate or the pump~~ (North, South, East or West) ~~bank of the stream~~

in well is in Center of Section 13 Township 0 N Range 4 West of the Sixth P M
(Describe lot or forty acres in which situated)

6th That the ~~ditch~~ pipe will be 1,900 feet in length and pass through the following quarter sections of land, as shown on the accompanying township plats viz

Irrigation of full quarter sec 13, Tp ON Range 4 west of 6th P M.
(Describe each section which canal pas stating t wnship and range)

7th That the estimated cost of the proposed construction is as follows ~~Earthwork $~~

~~Flumes, $ Headgate or Pump, $ Other Expenses, $~~

Total $ 12,000.00

8th. That the ~~proposed canal is to be built~~ well was drilled with the intention of supplying water to reclaim the following sections or quarter sections of land, viz Full quarter sec 13, Tp ON Range 4 west 6th PM
(Give section and quarter section giving number township and range)

Filed 9 AM Jan 28 1957

Form 111 2—Irrigation.
Revised 5-24 38.

amounting in all to approximately [illegible] acres

That the well was completed on the [illegible] of October, 1956

9th. ~~That the proposed works are to be completed on or before~~ (State Month, Day and Year)

10th ~~That the time estimated as necessary to apply the water beneficially to the lands proposed for reclamation is~~ State when water was first applied to land October 27th, 1956

11th That the relation which the subscriber to this affidavit bears to said applicant is that of Owner and applicant

(State whether you are the owner or agent for land described in paragraph 8)

and that he is authorized to make this affidavit on behalf of the interest effected

Clyphonse A Pfeifer

STATE OF Nebraska
Platte County } ss

I hereby certify that the foregoing application was signed in my presence and sworn to before me this

22nd day of January 19 57

B Huetzel
Notary Public

(Seal) May 16, 1959

It is the desire of the undersigned owners of the land described in paragraph eight (8) of this application, to have their lands reclaimed by the allowance of this application

STATE OF Nebraska
Platte County } ss

I hereby certify that the foregoing signatures were affixed in my presence and sworn to before me this

22nd day of January 19 57

Notary Public

Form 111—1-3 Revised 5-24-38

# TOWNSHIP PLATS SHOWING 6 in well in center of SE ¼ Sec 13 Twp 20 4 w CANAL

NAME OF CANAL

The following township plats G1847 in number show the location of the point of diversion and where the canal crosses each forty acre subdivision of land along the line of its course.

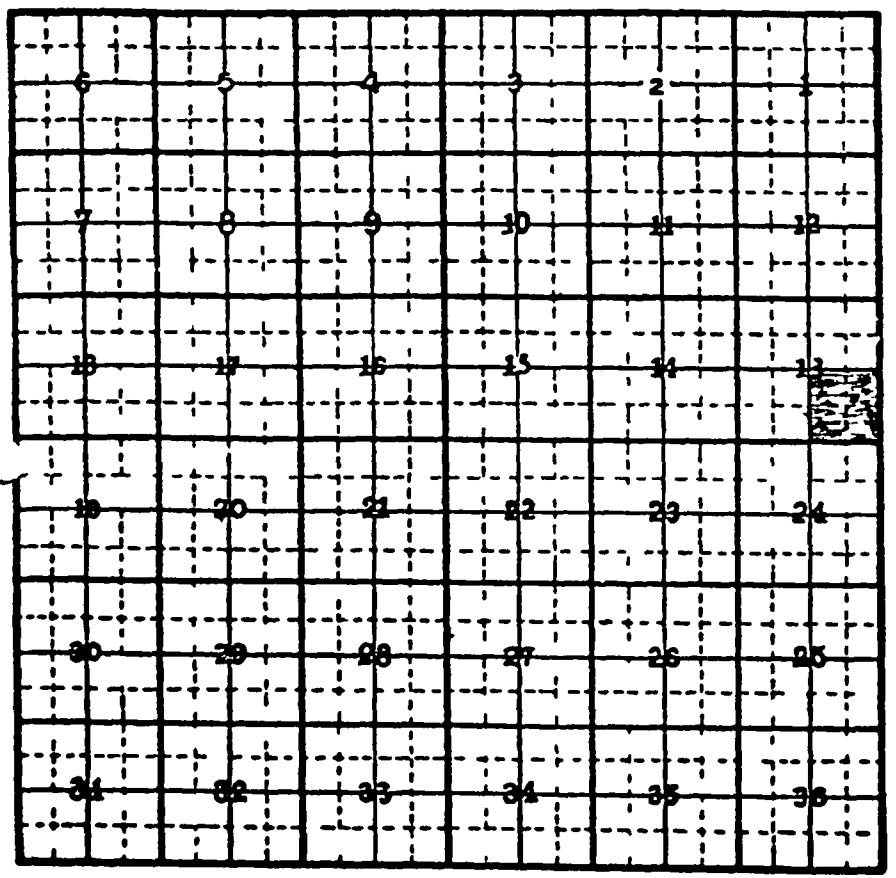
Mr Alphonse P Seifer

Signature of person signing application

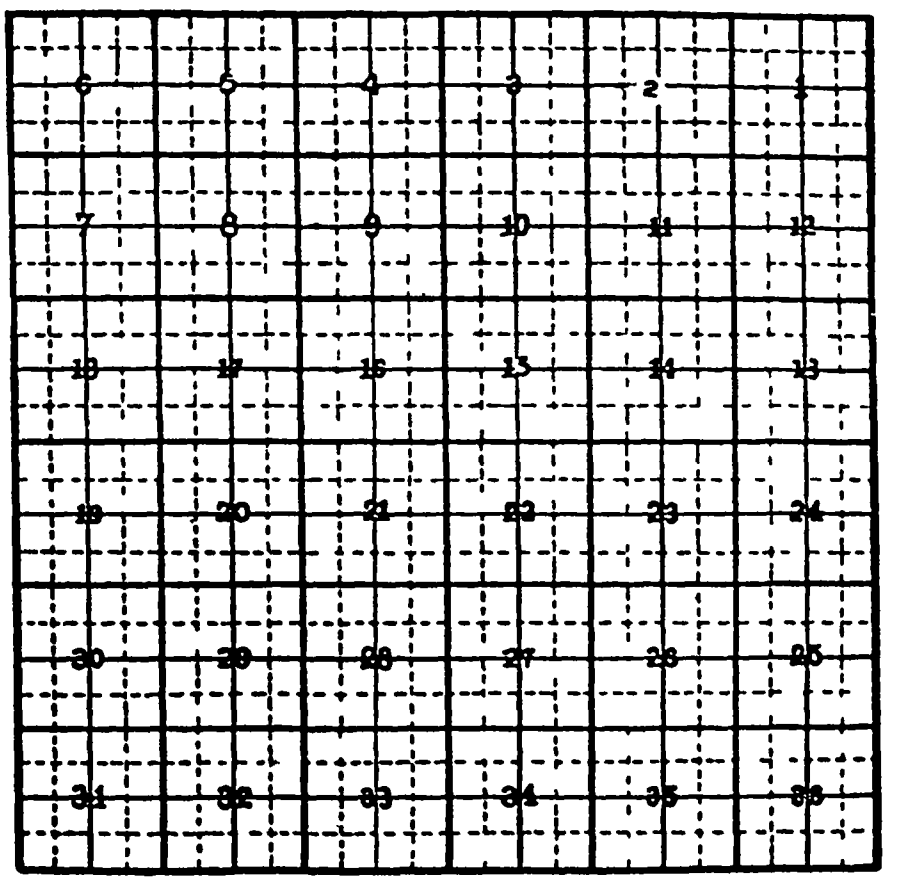
NOTICE —The center line of the proposed canal must be in red Any other canals and all streams must be in blue. The area proposed to be irrigated must be shaded in red. All other work such as figures, lettering etc., must be in black.

Township 20 Range 4 w of 6th P M Platte County

| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |



Township ____ Range ____ of 6th P M ____ County



| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

G-1847

Application No. G-1847

Division No. 2-A District No.

# APPLICATION FOR A PERMIT TO APPROPRIATE THE WATERS OF THE STATE OF NEBRASKA FOR IRRIGATION

STATE OF NEBRASKA
DEPARTMENT OF ROADS AND IRRIGATION } ss

This instrument was filed for record at

9:50 o clock A M, on the 28th

day of January, 19 57, and duly recorded

in Book of the Record of Applications

for Appropriations on Page

L N Ress
KIW State Engineer

Revised 1-30-50
Form 111-1—Irrigation

Application No. 51-1342 Water Division No. District No.

# APPLICATION FOR A PERMIT TO APPROPRIATE THE WATERS OF THE STATE OF NEBRASKA FOR IRRIGATION

We, William J. and Margaret Oberhauser of Lindsay
(Name of person signing application) (Postoffice address)

County of Platte State of Nebraska being first duly sworn upon my oath says

1st. That the name of the applicant is William J. and Margaret Oberhauser
(Name of person or company for whom application is made)

Postoffice address Street Lindsay County of Platte
(City or Village)

State of Nebraska

2nd. That the name of the carrier is

3rd. That the source of the proposed appropriation is

4th. That the amount of the appropriation desired is cubic feet per second of time.

5th. That it is proposed to locate the {headgate / pump} on the bank of the stream
(North, South, East or West)

in NE¼ of Section 25 Township 20 Range 4 of the Sixth P. M.
(Describe lot or forty acres in which situated)

6th. That the canal will be m length, and pass through the following quarter sections of land, as shown on the accompanying township plats viz

(Describe each section which canal passes, stating township and range)

7th. That the estimated cost of the proposed construction is as follows Earthwork $
Fluming, $ Headgate or Pump $ Other Expenses, $
Total, $ 17,000.00

8th. That the proposed canal is to be built with the intention of supplying water to reclaim the following sections or quarter sections of land, viz NE¼ of Sec. 25, T. 20, R. 4, West of 6th P.M., Platte County, Nebraska
(Give sections and quarter sections stating number township and range)

Elev 1 30 pm Dec 1951

Form 111 2—Irrigation.
Revised 3 24 28

amounting in all to approximately

9th That the well was completed on the 15th day of September, 1956.
(State Month Day and Year)

10th That the time estimated as necessary to apply the water beneficiallly to the lands proposed for reclamation is years

11th That the relation which the subscriber to this affidavit bears to said applicant is that of owner
(State whether ... paragraph 8)
and that he is authorized to make this affidavit on behalf of the interest affected

STATE OF NEBRASKA
County } ss

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 4 day of Dec 19

Notary Public

(Seal)

It is the desire of the undersigned owners of the land described in paragraph eight (8) of this application, to have their lands reclaimed by the allowance of this application

STATE OF
County } ss

I hereby certify that the foregoing application was signed in my presence and sworn to before me this day of 19

Notary Public

Form 111—1-3 Revised 5-24 38

# TOWNSHIP PLATS SHOWING Oberhauser Irrigation Well CANAL

NAME OF CANAL

The following township plats cre in number show the location of the point of diversion and where the canal crosses each forty acre subdivision of land along the line of its course.

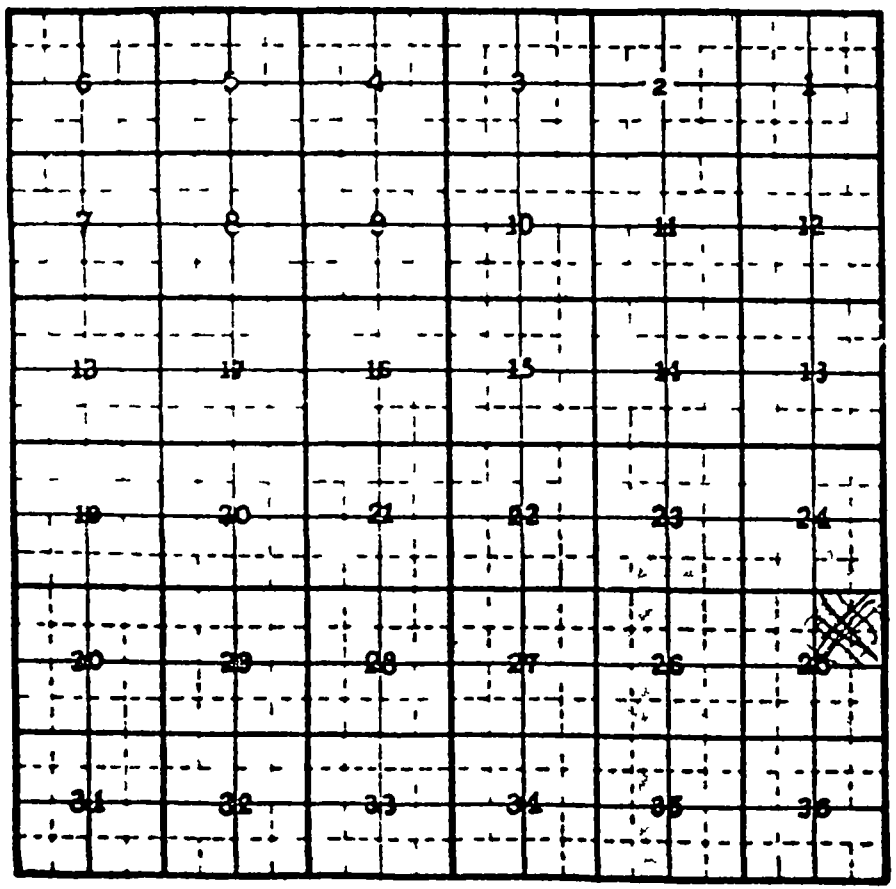
[illegible]

Signature of person signing application

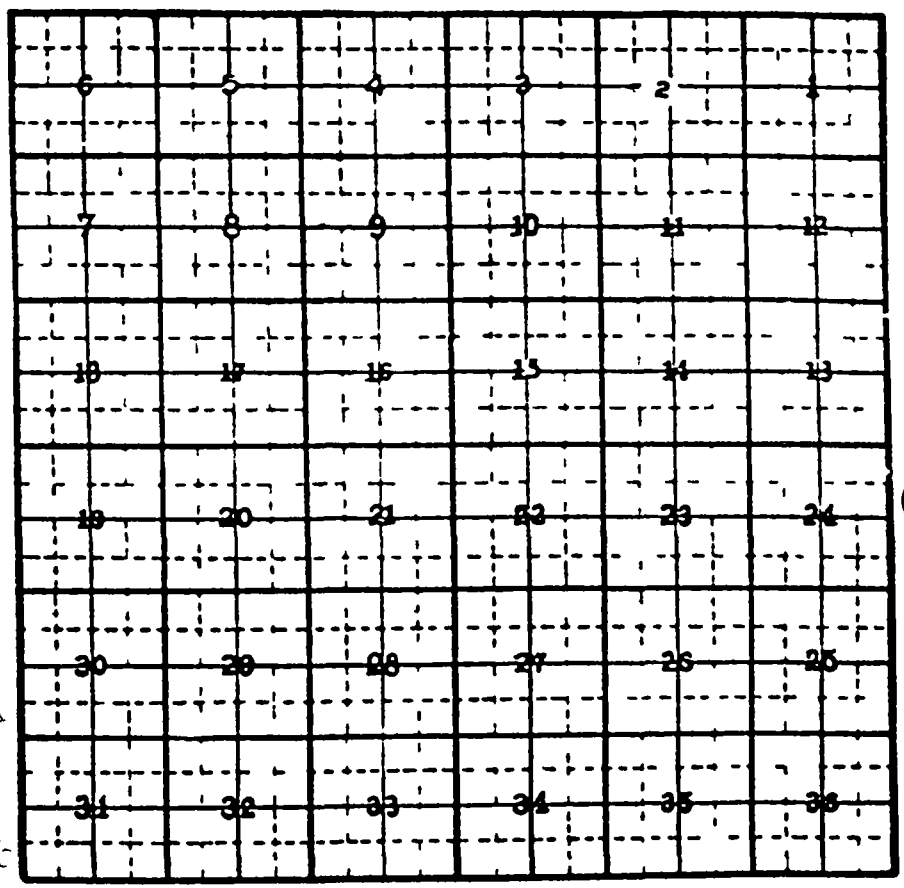
NOTICE —The center line of the proposed canal must be in red Any other canals and all streams must be in blue The area proposed to be irrigated must be shaded in red All other work such as figures lettering etc must be in black

*Township* ~ *Range* ~ *of 6th P M* Platte *County*

| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |



*Township* *Range* *of 6th P M* *County*



| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

1-12-12

Application No G-1342

Division No 2-A District No ---

# APPLICATION FOR A PERMIT TO APPROPRIATE THE WATERS OF THE STATE OF NEBRASKA FOR IRRIGATION

STATE OF NEBRASKA
DEPARTMENT OF ROADS AND IRRIGATION

This instrument was filed for record at

1 30 o clock P. M on the 5th

day of December, 1956, and duly recorded

in Book -- of the Record of Applications

for Appropriations on Page --

L. N. Ress
KDW State Engineer

Revised 5 26 56
Form 111 I I [illegible]

Application No. [illegible] Water Division No. [illegible] District No. [illegible]

APPLICATION FOR A PERMIT TO APPROPRIATE THE WATERS OF THE STATE OF NEBRASKA FOR IRRIGATION

We, Joe and Mary C. Bothe (Name of person [illegible]) of Lindsay (Postoffice address)

County of Platte State of Nebraska being first duly sworn upon my oath says

1st That the name of the applicant is Joe and Mary C. Bothe (Name of person [illegible] company for whom application is made)

Postoffice address [illegible] Street Lindsay (City or Village) County of Platte

State of Nebraska

2nd. That the name of the carrier is [illegible]

3rd. That the source of the proposed appropriation is ground water

4th. That the amount of the appropriation desired is [illegible] cubic feet per second of time

5th. That it is proposed to locate the headgate/pump on the [illegible] bank of the stream (North, South, East or West) in S½ of NW¼ and SW¼ of NE¼ of Section 19 Township 20 Range 3 West of the Sixth P M (Describe lot or forty acres in which situated)

6th. That the canal will be [illegible] in length and pass through the following quarter sections of land, as shown on the accompanying township plats viz

(Describe each section which [illegible] passes, stating township and range)

7th. That the estimated cost of the proposed construction is as follows Earthwork $[illegible]

Fluming $[illegible] Headgate or Pump $[illegible] Other Expenses, $[illegible]

Total, $11,000.00

8th. That the proposed canal is to be built with the intention of supplying water to reclaim the following sections or quarter sections of land viz S½ of NW¼ and SW¼ of NE¼ of Sec. 19, T. 20, Range 3, West of 6th P.M., Platte County, Nebraska

(Give sections and quarter sections [illegible] township and range)

Filed 1 40 PM Dec 5, 1956

Form 111 2—Irrigation.
Revised 5 24 56.

amounting in all to approximately 120 acres

9th That the well was completed on the [redacted] 15th day of Sept, 1956.
(State Month Day and Year)

10th That the time estimated as necessary to apply the water beneficially to the lands proposed for reclamation is [redacted] years

11th That the relation which the subscriber to this affidavit bears to said applicant is that of owner
(State whether you the [redacted] mentioned in paragraph 8)
and that he is authorized to make this affidavit on behalf of the interest reflected

Joseph A Botke
Mrs Mary A Botke

STATE OF Nebraska }
Howard [redacted] Counties } ss

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 1 day of December 19 56

P. Johnson
Notary Public

(Seal)

It is the desire of the undersigned owner of the land described in paragraph eight (8) of this application to have their lands reclaimed by the allowance of this application

STATE OF [redacted]
[redacted] Counties }

I hereby certify that the foregoing signature [redacted] in my presence and sworn to before me this

[redacted] day of [redacted] 19

Form 111—1-3 Revised 5-24-38

# TOWNSHIP PLATS SHOWING _____ CANAL

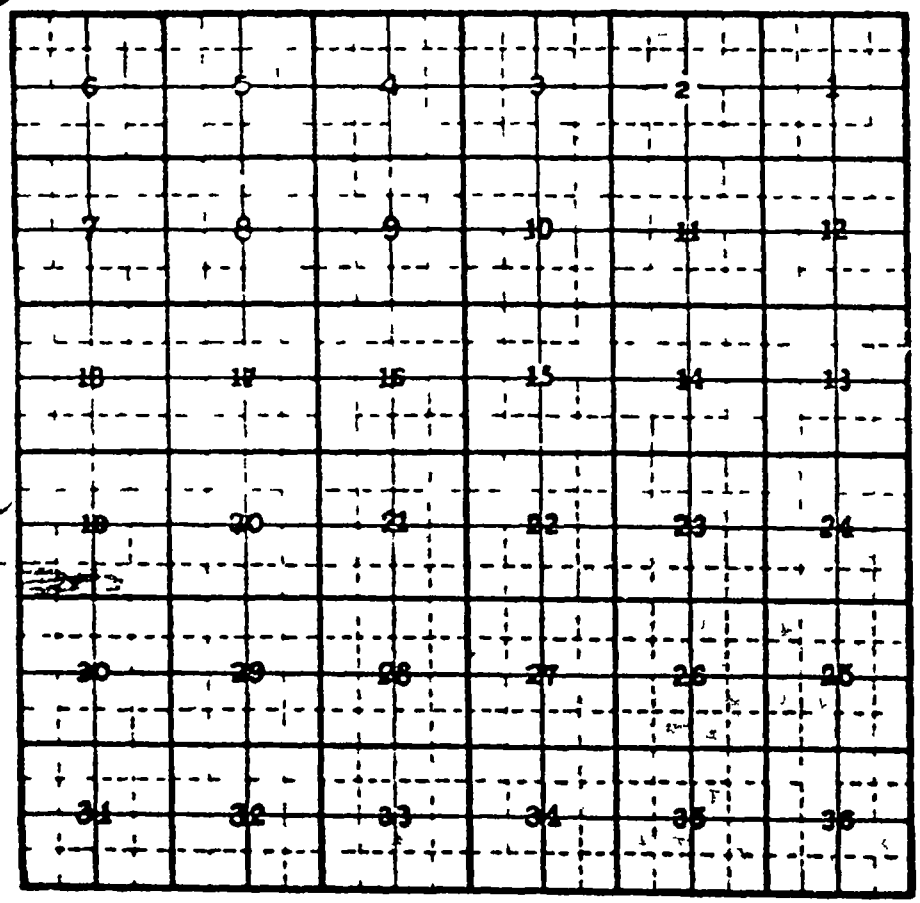
NAME OF CANAL

The following township plats ___ ___ ___ in number show the location of the point of diversion and where the canal crosses each forty acre subdivision of land along the line of its course.

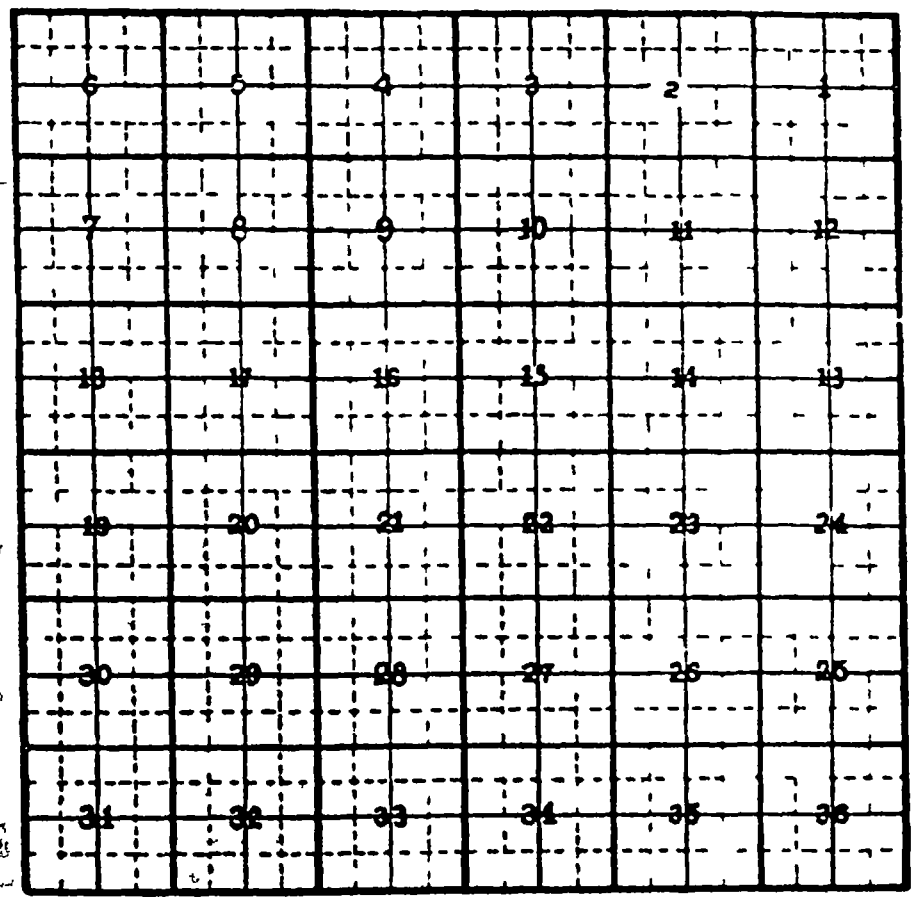
X _____
Signature of person signing application

NOTICE —The center line of the proposed canal must be in red Any other canals and all streams must be in blue The area proposed to be irrigated must be shaded in red All other work such as figures lettering etc must be in black

Township _____ Range _____ of 6th P M _____ County




Township _____ Range _____ of 6th P M _____ County



Application No G-1343

Division No 2-A District No

# APPLICATION FOR A PERMIT TO APPROPRIATE THE WATERS OF THE STATE OF NEBRASKA FOR IRRIGATION

STATE OF NEBRASKA
DEPARTMENT OF ROADS AND IRRIGATION

This instrument was filed for record at

1:40 o clock P. M on the 5th

day of December , 1956 , and duly recorded

in Book 1 of the Record of Applications

for Appropriations on Page

L. N. Ress
KIh State Engineer

Revised 5-24-50
Form 111-1—Irrigation

Application No. [illegible]44 Water Division No. [illegible] District No. [illegible]

# APPLICATION FOR A PERMIT TO APPROPRIATE THE WATERS OF THE STATE OF NEBRASKA FOR IRRIGATION

We, Ben and Mary A. Bothe of Lindsay
(Name of person signing application) (Postoffice address)

County of Platte State of Nebraska being first duly sworn upon my oath says

1st. That the name of the applicant is Ben and Mary A. Bothe
(Name of person or company for whom application is made)

Postoffice address Street Lindsay County of Platte
(City or Village)

State of Nebraska

2nd. That the name of the carrier is

3rd. That the source of the proposed appropriation is Ground Water
(Name of stream from which water is diverted)

4th. That the amount of the appropriation desired is cubic feet per second of time.

~~5th. That it is proposed to locate the headgate/pump on the bank of the stream~~
(North, South, East or West)

Well is in N½ of NW¼ of Section 19 Township 20 Range 3 West of the Sixth P M
(Describe lot or forty acres in which situated)

6th That the canal will be in length and pass through the following quarter sections of land, as shown on the accompanying township plats viz

(Describe each section through which canal passes, stating township and range)

7th. That the estimated cost of the proposed construction is as follows Earthwork $

Fluming $ Headgate or Pump $ Other Expenses $

Total, $ 11,000.00

8th. That the ~~proposed canal is to be built~~ well was drilled with the intention of supplying water to reclaim the following sections or quarter sections of land viz N½ of NW¼ of Section 19, Township 20, Range 3 West of 6th P.M. and the West half of SW¼ of Section 18, Township 20, Range 3, West of 6th P.M., all in Platte County, Nebraska.
(Give sections and quarter sections stating number township and range)

Filed 1 50 PM Dec 5, 1956

Form 111 9—Irrigation.
Revised 6-24-38.

amounting in all to approximately 150 acres

well was completed on the 15th day of September 1956

9th. That the proposed works are to be completed on or before
(State Month Day and Year)

10th. That the time estimated as necessary to apply the water beneficially to the lands proposed for
State year that water was first applied to land
reclamation is years

11th That the relation which the subscriber to this affidavit bears to said applicant is that of owner
(State whether you are the owner, agent or agent for land described in paragraph 8)
and that he is authorized to make this affidavit on behalf of the interest effected

Ben Bothe
Mary A Bothe

STATE OF NEBRASKA
County } ss

I hereby certify that the foregoing application was signed in my presence and sworn to before me this

29 day of November 1956

R. J. Lenan
Notary Public

(Seal)

It is the desire of the undersigned owners of the land described in paragraph eight (8) of this application to have their lands reclaimed by the allowance of this application

STATE OF
County } ss

I hereby certify that the foregoing signatures were affixed in my presence and sworn to before me this

day of 19

Notary Public

Form 111—1-8 Revised 5-24-38

# TOWNSHIP PLATS SHOWING _____ CANAL

NAME OF CANAL

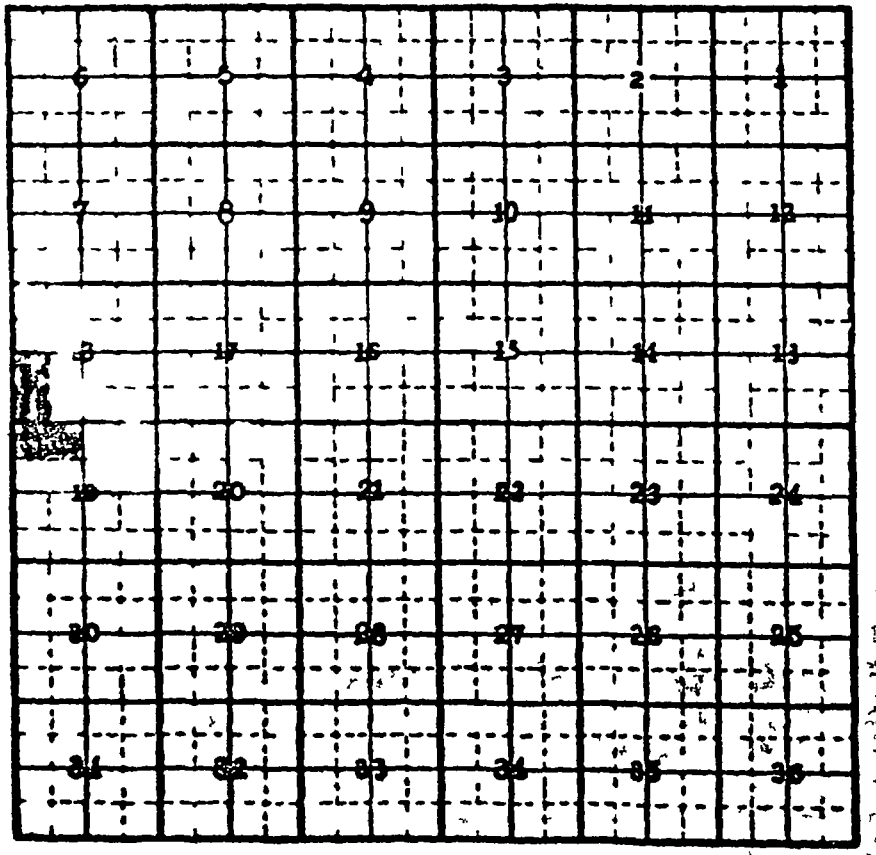
The following township plats 1 in number show the location of the point of diversion and where the canal crosses each forty acre subdivision of land along the line of its course.

Ray Bather Mary A Bather

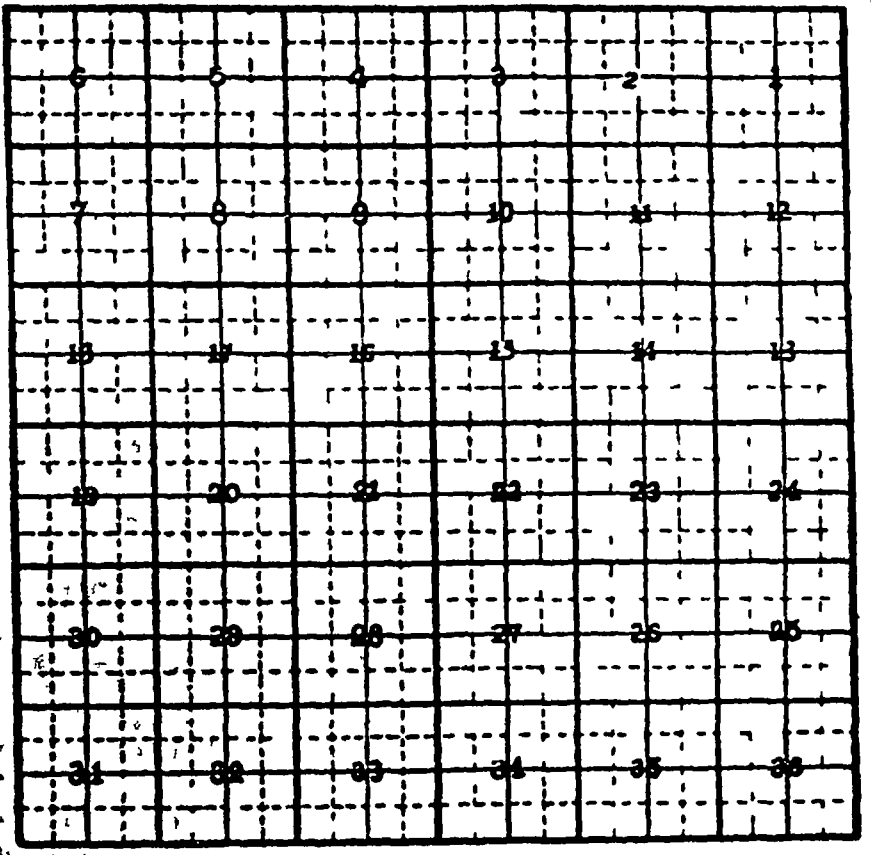
Signature of person signing application

NOTICE:—The center line of the proposed canal must be in red Any other canals and all streams must be in blue The area proposed to be irrigated must be shaded in red Another work such as figures, lettering etc. must be in black.

Township 6 Range 1 of 6th P M Routt County




Township _____ Range _____ of 6th P M _____ County



Application No G-13444

Division No 2-A District No

# APPLICATION FOR A PERMIT TO APPROPRIATE THE WATERS OF THE STATE OF NEBRASKA FOR IRRIGATION

STATE OF NEBRASKA
DEPARTMENT OF ROADS AND IRRIGATION } ss

This instrument was filed for record at

1:50 o'clock P. M on the 5th

day of December 19 56, and duly recorded

in Book of the Record of Applications

for Appropriations on Page

L N Ress

KIW State Engineer

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

# BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-3 |
| Undisturbed Soil Sampler 3-in od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 1 of 1 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3-21-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1686 4 | 0 0 | | Concrete | | | |
| | 0 5 | CL | Silty Clay, dark grayish brown, med stiff, low plasticity, wet. | | | |
| | 4 0 | CL | Silty Clay, dark yellowish brown, fine sand fraction, medium stiff, low plasticity, $CaCO_3$ fragments | | | |
| | | | | | | Water level 24 hrs after drilling, PH=6 8 |
| | 25 | | As above except saturated | | | |
| | | | | | | Water Level I A D |
| | 27 | CL | Sandy Clay, dark grayish brown, 15% to 20% fine sand, medium stiff, low plasticity, saturated | | | |
| | | | | | | ph=6 8 |
| | 40 0 | | BOA | | | ph=7 0 |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

# BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-4 |
| Undisturbed Soil Sampler 3-in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.o.d. Split barrel Sampler | | Sheet 1 of 1 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3-22-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1686 1 | 0 0 | | | | | |
| | 0 5 | | Concrete | | | |
| | | CL | Silty Clay, Very dark yellowish brown, medium stiff, fine sand fraction, low plasticity, wet | | | |
| | 3 0 | CL | Silty Clay, Dark yellowish brown, fine sand fraction, medium stiff, wet, $CaCO_3$ fragments | | | |
| | 19 0 | | As above except very wet | | | |
| | | | | C-4 #1 | | ph-6 8 |
| | | | | C-4 #2 | | ph=6 9 |
| 1660 1 | 26 0 | | As above except saturated | | | Cave in 24 hrs later |
| | | | | | | Water Level I A D |
| 1656 1 | 30 0 | | BOA | C-4 #3 | | ph=6 7 |

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825 J Street Lincoln Nebraska

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| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No C-5 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in. Fall | 2-in.o.d. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 3-22-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1688 4 | 0 0 | | Concrete | | | |
| | 0 5 | CL | Silty Clay, dark yellowish brown, mottled with brownish yellow, fine sand fraction medium stiff, low plasticity, wet, $CaCO_3$ fragments present | | | |
| | 3 0 | | As above without brownish yellow layers | | | |
| | 7 5 | CL | Silty Clay, grayish brown, occasional $SiO_2$ gravels, med stiff, low plasticity, moist | | | |
| | 10 0 | CL | Silty Clay, grayish brown, mottled with yellowish brown, medium stiff, low plasticity, moist, with occasional $SiO_2$ gravels | | | |
| | 15 0 | | As above except dark grayish brown | | | |
| | 17 5 | CL | Silty clay, very dark grayish brown, mottled with grayish green and yellowish brown, fine sand fraction, moist to wet | | | |

WESTERN LABORATORIES
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|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No C-5 |
| Undisturbed Soil Sampler 3 in. o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split-barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 3/22/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1668 4 | 20 0 | | As above without grayish green and yellowish brown layers | | | |
| | 23 0 | | As above except very wet | | | |
| | 25 0 | CL | Silty clay brownish yellow mottled with dark brownish yellow, medium stiff, very wet, low plasticity, occassional $CaCO_3$ fragment | | | pH = 6 5<br>no water I A D |
| 1660 2 | | | | | | Cave in 3/23/83 |
| | 36 0 | CL | Silty clay yellowish brown, soft, low plasticity, mottled with light brownish yellow, saturated | | | |

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Materials Engineers
825 J Street Lincoln Nebraska

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Lindsay Manufacturing

# BORING LOG

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No C-5 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 3/22/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1648 4 | 40 | | As above | | | |
| | | | | C-5 #1 | | pH = 6 2 |
| | | | | C-5 #2 | | pH = 6 1 |
| | | | | C-5 #3 | | pH = 6 5 |
| 1628 4 | 60 0 | | | | | |

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825 J Street Lincoln Nebraska

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BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-6 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d Split barrel Sampler | Sheet 1 of 4 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3/22/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1687 0 | 0 0 | | Concrete | | | |
| | 0 5 | SP | Sand backfill | | | |
| | 3 0 | CL | Silty clay, dark yellowish brown, medium stiff, low plasticity, wet | | | |
| | 8 0 | CL | Silty clay, very dark grayish brown, medium stiff, low plasticity, wet | | | |
| | 14 0 | CL | Silty clay, dark grayish brown, mottled with grayish brown, 15% to 20% fine sand, stiff, low plasticity, wet | | | |

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Materials Engineers
825 J Street Lincoln Nebraska

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| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-6 |
| Undisturbed Soil Sampler 3 in od thin walled tube | 140 lb Hammer | 30 in Fall 2 in.od. Split barrel Sampler | Sheet 2 of 4 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3/22/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1667 0 | 20 0 | | As above | | | |
| | 21 0 | CL | Silty clay, brownish yellow mottled with grayish brown medium stiff, low plasticity, fine sand fraction, very wet | | | |
| 1663 | | | | | | water level I A D<br>pH = 6 9 |
| | 25 | CL | Silty clay, dark yellowish brown, fine sand fraction, medium stiff, low plasticity, saturated | | | |
| 1653 7 | | | | | | water level 3/23/83 |
| | | | | | | pH = 6 8 |

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Materials Engineers
825 J Street Lincoln Nebraska

BORING LOG

PROJECT

Lindsay Manufacturing

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | | Boring No C-6 |
| Undisturbed Soil Sampler 3 in. o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 4 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 3/22/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1647 0 | 40 | | As above | | | |
| | 48 0 | | As above except mottled with brownish yellow | | | pH = 6 8 |
| | 60 | | | | | |

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Materials Engineers
825 J Street Lincoln Nebraska

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Lindsay Manufacturing

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No C-6 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 4 of 4 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3/22/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1627 | 60 | | As above except interbedded with silty clay seams high plasticity, stiff and saturated | | | |
| | 66 | CH | Sandy clay, fine sand fraction and occasional gravel, stiff, high plasticity, dark gray, saturated | C-6 #1 | | pH = 6 7 |
| | 69 0 | SP | Sand, fine, medium dense, saturated | | | |
| | 70 0 | | | | | |

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Materials Engineers
825 J Street Lincoln Nebraska

BORING LOG

PROJECT
Lindsay Manufacturing

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No C-7 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2-in.o.d. Split barrel Sampler | Sheet 1 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N=Blows per foot | | | Date 3-22-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1687 8 | 0 0 | | Concrete | | | |
| | 0 5 | CL-CH | Silty Clay (Backfill) | | | |
| | 3 5 | CL | Silty Clay, dark yellowish brown, medium stiff, low plasticity, wet | | | |
| | 5 5 | CH | Silty Clay, brownish gray mottled with brownish yellow, stiff, medium plasticity wet | | | |
| | 8 0 | CH | Silty Clay, dark brownish gray, stiff, medium to high plasticity, wet | | | |
| | 12 0 | CL | Silty Clay, dark grayish brown, fine sand fraction, medium stiff, low plasticity, wet | | | |
| | 14 0 | | As above except very wet | | | |

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Materials Engineers
825 J Street Lincoln Nebraska

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Lindsay Manufacturing

BORING LOG

| | | |
|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | Boring No C-7 |
| Undisturbed Soil Sampler 3-in o.d. thin walled tube | 140 lb Hammer / 30 in Fall / 2 in.o.d. Split barrel Sampler | Sheet 2 of 3 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | Date 3-22-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1667 8 | 20 | | As above except with $CaCO_3$ fragments | | | |
| 1663 9 | | | | | | Water level 24 hrs after drilling. |
| | 25 | | As above except saturated | | | |
| 1659 0 | | | | | | Water level I A D |
| | 31 0 | CL | Silty Clay, dark yellowish brown, medium stiff, low plasticity, saturated | | | |
| | 40 | | | | | ph=6 5 |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

# BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in continuous flight auger | Standard Penetration Test | | Boring No C-7 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 3 of 3 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3-22-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1647 8 | 40 | | As above | | | |
| 1642 8 | 45 | SM | Silty Sand, 40% silt and clay, medium dense, fine to medium sand, saturated | | | |
| 1637 8 | 50 | | BOH | | | ph=4 6 |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

BORING LOG

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | | Standard Penetration Test | | Boring No C-8 |
| Undisturbed Soil Sampler 3 in.od. thin walled tube | | 140 lb Hammer | 30 in Fall 2 in.od. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3-23-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1689 5 | 0 0 | CL | Silty Clay, brownish gray, fine sand fraction, medium stiff, low plasticity, moist | | | |
| | 9 0 | CL | Silty Clay, very dark grey, fine sand fraction, low plasticity, medium stiff, moist | | | |
| | 11 0 | CL | Silty Clay brownish yellow mottled with yellowish brown, low plasticity, medium stiff, trace of sand, wet | | | |
| | 15 0 | | As above except yellowish brown | | | |

WESTERN LABORATORIES
Materials Engineers
825 J Street Lincoln Nebraska

BORING LOG

PROJECT

Lindsay Manufacturing

| | | | |
|---|---|---|---|
| Boring Method 6-in. continuous flight auger | Standard Penetration Test | | Boring No C-8 |
| Undisturbed Soil Sampler 3 in. od. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3-23-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1669 5 | 20 0 | | As Above | | | ph=6 8 |
| | | SM | Silty Sand, yellowish brown, 40% silt and clay, fine grained, medium dense | | | |
| 1659 5 | 30 | | As above except saturated | | | ph=3 8 |
| | | | | | | ph-4 7 |
| | 40 0 | | | | | |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

**BORING LOG**

PROJECT
Lindsay Manufacturing

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No C-9 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 3-23-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1685 7 | 0 0 | CL | Silty Clay yellowish brown, low plasticity, medium stiff, saturated | | | Boring located in undrained depression filled with melting snow |
| | 2 0 | | As above except interbedded brownish yellow silty clay and $CaCO_3$ fragments, wet | | | |
| | 5 0 | | As above without brownish yellow silty clay, gastropod shells occasionally | | | |
| | 20 0 | | As above except saturated and 20% fine sand | | | Water level I A D |
| | 22 0 | CL | Sandy Clay, light brownish yellow, medium dense, fine grained sand 20% to 30%, slightly low plasticity, saturated | | | ph=7 1 |
| | 25 0 | | | | | ph=6 5 |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-9 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 3-23-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1655 7 | 30 0 | CL | Silty Clay, yellowish brown, soft, low plasticity, fine sand fraction, saturated | | | ph=6 5 |
| | | | | | | ph=7 1 |
| | | | | | | ph=6 8 |
| | | | | | C-9 #1 | |
| | 42 5 | CL | Sandy Clay, 20% to 30% fine sand, dense, fraction medium sand, saturated, low plasticity | | | ph=6 4 |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

## BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-10 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 3-23-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1685 4 | 0 0 | CL | Silty Clay, yellowish brown, medium stiff, low plasticity, trace of fine sand, wet | | | Water level @ 21 2' I A D (1664 2') |
| | 9 0 | | As above except brown | | | |
| | 24 0 | CL | Sandy Clay, 20% fine sand, low plasticity, medium stiff, brownish yellow | C-10 #1 | | |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-10 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2-in.o.d. Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 3-23-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1655 4 | 30 0 | CL | Sandy Silt, 30% fine sand, stiff, yellowish brown, saturated, low to medium plasticity | | | ph=5 8 |
| | | | | C-10 #2 | | ph=3 7 |
| | 33 0 | CL | Silty Clay, fine sand fraction, yellowish brown, medium plasticity, saturated | | | ph=4 1 |
| | | | BOA | | | |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

# BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-11 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.od. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 3-23-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1690 | 0 0 | CL | Silty clay trace fine sand, yellowish brown low plasticity; medium stiff, moist | | | No Water I A D |
| | 14 5 | | As above except brown | | | |
| | 20 | | As above except wet | | | |
| | 22 0 | CL | Silty clay, brown, mottled with light gray low plasticity, medium stiff, very wet | | | |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT

## BORING LOG

| | | |
|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | Boring No C-11 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube; 140 lb Hammer; 30 in Fall; 2 in.o.d. Split barrel Sampler | | Sheet 2 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | Date 3-23-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1665 | 25 0 | | As above | | | pH=6 9 |
| | 29 0 | CL | Sandy clay, 30% to 40% fine sand, medium stiff, brownish yellow, saturated | | | |
| | 38 0 | CH | Silty clay, brownish gray, medium plasticity, stiff, saturated | C-11 #1 | | pH=6 4 |
| | 40 0 | CL | Silty clay, yellowish brown mottled with brownish yellow, fraction fine sand, low plasticity, medium stiff | | | |
| | 45 | | BOH | C-11 #2 | | ph=6 7 |

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Materials Engineers
825 J Street Lincoln Nebraska

BORING LOG

PROJECT
Lindsay Manufacturing

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-12 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer / 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 1 |
| w Moisture Content % / D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3-24-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1689 5 | 0 0 | CL | Silty clay, brown, trace of fine sand, moist, low plasticity, medium stiff | | | Aquifer Restoration monitoring well installed to 30', 3 0' of slotted 2 5" Ø P V C , 28 5' of plain P V C casing, 4 0' of sand filler capped with 3 0' of Bentonite, native clay backfill to ground surface |
| | 15 0 | CL | Silty clay, dark yellowish brown, mottled with brownish yellow very wet medium plasticity, medium stiff | C-12 #1 | | Water level at 22 5' (3-25-83) 1667 0' |
| | | | | | | Elevation top of pipe 1691 0' |
| | 24 0 | | | C-12 #2 | | |
| | 30 0 | | BOH | | | |

WESTERN LABORATORIES
Materials Engineers
825 J Street Lincoln Nebraska

BORING LOG

PROJECT

Lindsay Manufacturing

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No C-13 |
| Undisturbed Soil Sampler 3 in o.d. thin-walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 1 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 3-24-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1689 9 | 0 0 | CL | Silty clay, trace of fine sand brown, low plasticity, medium stiff, moist | | | Aquifer restoration monitoring well set to 33 0', 3 0' slotted 2" Ø PVC casing with 33 25' of plain casing, 4 0' of fine sand filter, 3 0' of bentonite grout and back-fill to surface of native clay |
| | 6 0 | CL | Silty clay, yellowish brown, low plasticity, $CaCO_3$ fragments, medium stiff, wet | | | Water level at 26 5' 3-25-83 1666 7 ft |
| | 22 0 | SM | Silty sand, 20% to 30% silt and clay, medium dense, fine grained, wet | | | Elevation top of pipe 1693 2 ft |
| | 24 0 | SM | Silty sand, 10% to 20% silty clay, fine to medium grained sand, dense | | | |
| | 40 0 | | BOH | | | |

WESTERN LABORATORIES
Materials Engineers
825 J Street Lincoln Nebraska

BORING LOG

PROJECT

Lindsay Manufacturing

| | | | | |
|---|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | | Boring No C-14 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split-barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % D Dry Density pcf | Penetration Resistance N Blows per foot | | | Date 3-24-83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1688 5 | 0 0 | CL | Silty clay, dark brown, mottled with brown, low plasticity, trace fine sand, medium stiff, wet | | | Aquifer restoration monitoring well installed to a depth of 30 0' Same filter and grout as C-12 and C-13 |
| | | | | | | Water level 3/25/83 1670 0' |
| | 6 0 | | As above without brown silty clay | | | Elevation top of pipe 1689 2 |
| | 11 0 | CL | Silty Clay, dark grayish brown, fine sand fraction, medium stiff sulfurous odor wet | | | |
| | 15 | CL | Silty Clay, dark brownish yellow, fine sand fraction, wet, medium stiff | | | |
| | 16 5 | CH | Silty Clay, brown mottled with light yellowish brown, wet, medium plasticity, stiff | C-14 #2 | | |

WESTERN LABORATORIES
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

BORING LOG

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-14 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30-in. Fall | 2-in.o.d. Split barrel Sampler | Sheet 2 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | | Date 3/24/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1668 5 | 20 0 | | As above except saturated | | | |
| | 30 0 | | BOH | | | |

**WESTERN LABORATORIES**
Materials Engineers
825 J Street Lincoln Nebraska

BORING LOG

PROJECT

Lindsay Manufacturing

| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-15 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 1 of 2 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 3/24/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1688 5 | 0 0 | CL | Silty Clay, brown mottled with gray, trace fine sand, moist to wet, medium stiff, low plasticity | | | Aquifer restoration well installed to 30 0", as in C-12 thru C-14 The slotted closing is separated from the fine grained aquifer by fine sand A bentonite seal grout was installed |
| | 5 0 | CL | Silty Clay, dark grayish brown, trace fine sand, low to medium plasticity, wet | | | Water level at 1667 1' 3/25/83 |
| | | | | | | Elev top of pipe 1692 0 |
| | 13 0 | CL | Silty Clay, yellowish brown, trace fine sand, low plasticity, wet, medium stiff | | | |

WESTERN LABORATORIES
Materials Engineers
825 J Street Lincoln Nebraska

PROJECT
Lindsay Manufacturing

BORING LOG

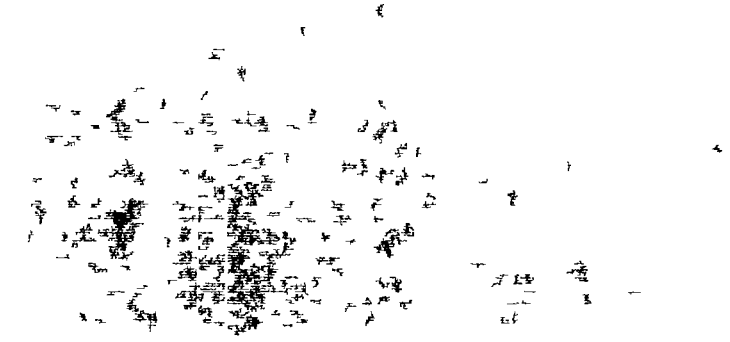
| | | | |
|---|---|---|---|
| Boring Method 6 in. continuous flight auger | Standard Penetration Test | | Boring No C-15 |
| Undisturbed Soil Sampler 3 in o.d. thin walled tube | 140 lb Hammer | 30 in Fall | 2 in.o.d. Split barrel Sampler | Sheet 2 of 7 |
| w Moisture Content % | D Dry Density pcf | Penetration Resistance N Blows per foot | Date 3/24/83 |

| Elevation | Depth | Group Symbol | Description of Materials | Sample No. | Blows | Remarks |
|---|---|---|---|---|---|---|
| 1668 5 | 20 0 | | As above except very wet | | | |
| | 24 0 | | As above except saturated | | | |
| 1648 5 | 40 0 | | BOH | | | |

601 a

# APPENDIX I

## L Monitoring Wells 82-1M through 82-4M



A, ne-Western Company

4430 Commercial Avenue Omaha Nebraska

# TEST WELL REPORT

City and State Lindsay, Nebraska

Date December 15 1982

Contract Lindsay, Nebraska

Driller Jim Rentschler

Test No 82-1

Helpers Chris Pedersen

Static Water Level 26½'

Test Log

| | | |
|---|---|---|
| 0' | 8' | Silty top soil |
| 8' | 29' | Silty dark brown clay |
| 29' | 40' | Sandy brown clay |
| 40' | 48' | Brown clay |
| 48' | 60' | Coarse sand and gravel |
| 60' | 80' | Coarse sand and gravel |
| 80' | 89' | Coarse sand and gravel |
| 89' | 95' | Yellow shale |
| 95' | 100' | Yellow and white shale |

Size Mud Pit—Length 12' , Width 5' , Depth 2'

WATER BEARING FORMATION DATA

| Depth | | | Mud Viscosity | Inches Mud Taken from Pit | Drilling Time |
|---|---|---|---|---|---|
| 48' | to | 60' | 40 sec | 3' | |
| 60' | to | 80' | 40 sec | 2' | |
| 80' | to | 89' | 40 sec | 1 | |
| | to | | | | |
| | to | | | | |
| | to | | | | |
| | to | | | | |

LOCATION N W corner of acid lagoon

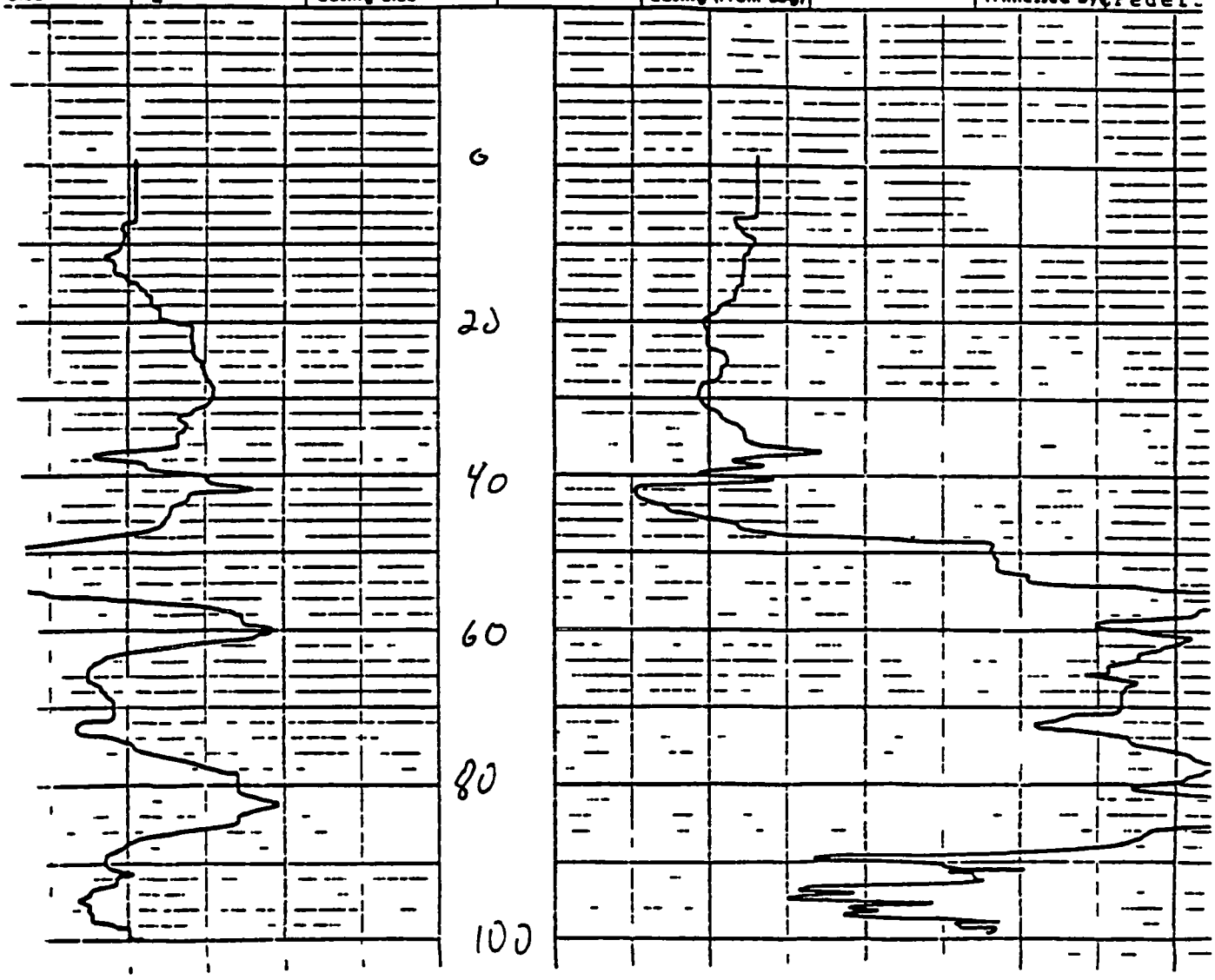
REMARKS One representative test boring with electric log

# Tyree-Western Company

## ELECTRICAL LOG

430 Commercial Ave  Omaha Nebraska

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| OMER | Lindsay Manufacturing | | | ADDRESS | Lindsay, Nebraska | | |
| ELL NO | 82-1 | ZERO ELEVATION G L | | COUNTY | Platte | STATE | Nebraska |
| CATION | N W corner of acid lagoon | | | | | | |
| | 12/15/82 | Resistivity Scale 1" | R-10 | Nature of Mud | Bentonite | pH | |
| st Reading | 10' | Potential Scale: 1 | P-20 | Density | | Circ Temp | |
| st Reading | | Lineal Scale: 1" | 20' | Viscosity | 36 Sec | Weather | |
| age Logged | 100' | Casing (Driller) | None | Bottom (Driller) | | Logged by | J Rentsc |
| ize | 4" | Casing Size | | Casing (From Log) | | Witnessed by | CPeder. |



# Layne-Western Company, Inc

## Well Information

Omaha Nebraska

1 Contract Lindsay Manufacturing Date 12/15/82

2. City and State Lindsay, Nebraska Driller Jim Rentschler

3. Well No. 82-1M at test hole No. 82-1 Well location (attach map) N.W. corner of acid lagoon

4. Work completed _____ No of man hours as charged to job on time sheet _____

| 5 MATERIAL | LENGTH | DIA. | GAUGE OR WALL THICKNESS | MATERIAL | TYPE | NO. OF OPENINGS |
|---|---|---|---|---|---|---|
| 6 Screen | 12' | 4" | 200 psi | PVC | | |
| 7 Inner Casing | 49' | 4" | 200 psi | PVC | | |
| 8. Outer Casing | | | | | | |

9 2 tons of gravel used in the well Size road gravel

10 Test of well. Did you use test or permanent pump? test submersible (Size of Bowl) (Stages)

11 Size of orifice 4" inch by 2" inch. Orifice tube reading 9' inches.

12. Pumping test — measurements from ground level

| TIME | G.P.M. | STATIC | DRAWDOWN | PUMPING LEVEL |
|---|---|---|---|---|
| 2 hrs | 45 | 26½' | 11½' | 38' |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

13 Recovery in 5 minutes complete, in 30 minutes _____

14 Did you seal bottom of well? yes Thickness _____ inches material PVC cap

15 Well underreamed? No From _____ feet to _____ feet, _____ feet to _____ feet.

16. If all screen was not placed at bottom state how it was spaced

From _____ feet to _____ feet from _____ feet to _____ feet from _____ feet to _____ feet.

17 Depth of well from ground level to top of plug 58' Size of drilled hole. 10

18 Was cement placed around or between any of the casings? No

19 If so state where how much and method used _____

Layne-Western Company, Inc **Well Information** Page
Omaha Nebraska

CONTRACT Lindsay Manufacturing Well No. 82-1

Log of well from ground level

| Feet | | Feet | Formation |
|---|---|---|---|
| 0' | to | 8 | Silty brown clay |
| 8' | to | 29' | Silty dark brown clay |
| 29' | to | 40' | Sandy brown clay |
| 40' | to | 48' | Brown clay |
| 48' | to | 58' | Coarse sand and gravel |
| | to | | |
| | to | | |
| | to | | |
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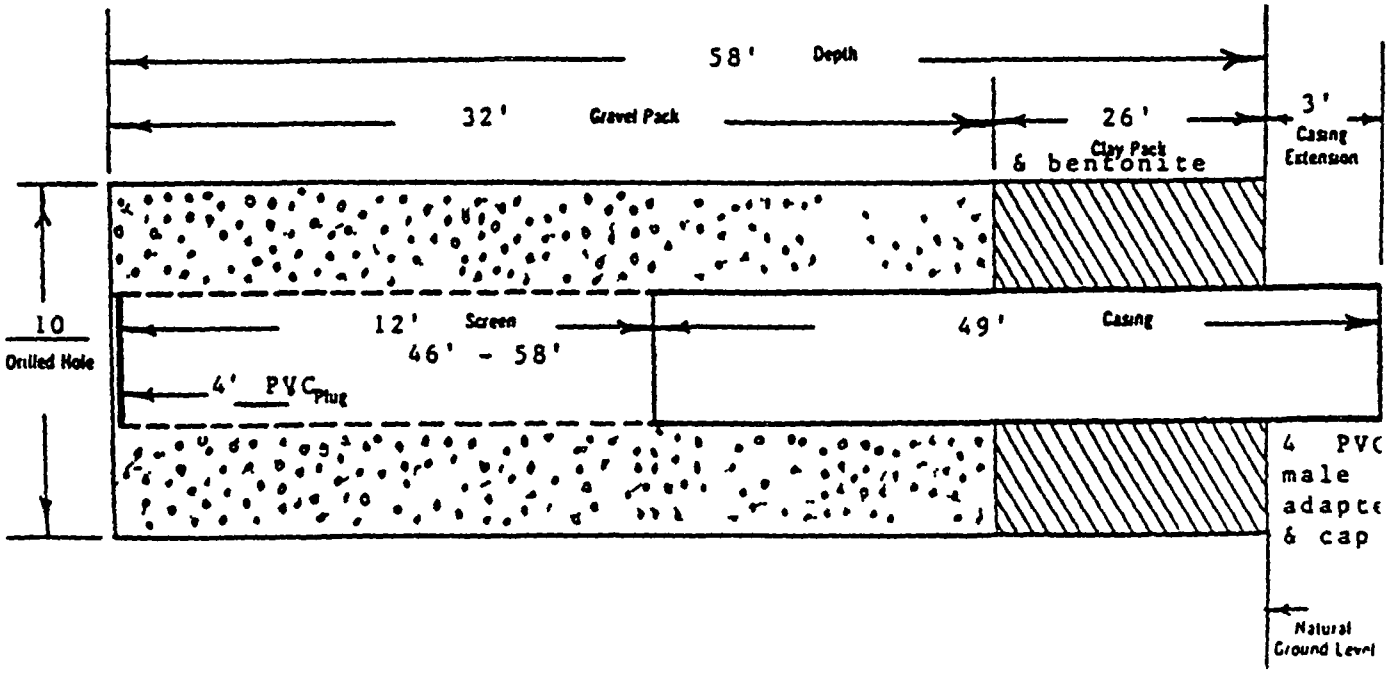

# Layne-Western Company, Inc

A MEMBER MEMBERSHIP
Omaha Nebraska

1 Contract Lindsay Manufacturing Date 12/16/82

2 City and State Lindsay, Nebraska Driller Jim Rentschler

3 Well No 82-2M at test hole No 82-2 Well location (attach map) S.W. corner of acid lagoon

4 Work completed No of man hours as charged to job on time sheet

| 5 MATERIAL | LENGTH | DIA. | GAUGE OR WALL THICKNESS | MATERIAL | TYPE | NO. OF OPENINGS |
|---|---|---|---|---|---|---|
| 6 Screen | 12' | 4 | 200 psi | PVC | | |
| 7 Inner Casing | 49' | 4 | 200 psi | PVC | | |
| 8 Outer Casing | | | | | | |

9 2 tons of gravel used in the well Size road gravel

10 Test of well Did you use test or permanent pump? test sub
Size of Bowl Stages

11 Size of orifice 4" inch by 2" inch. Orifice tube reading 9 inches.

12 Pumping test — measurements from ground level

| TIME | G.P.M. | STATIC | DRAWDOWN | PUMPING LEVEL |
|---|---|---|---|---|
| 2 hrs | 45 | 27' | 10' | 37' |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

13 Recovery in 5 minutes complete in 30 minutes

14 Did you seal bottom of well? Yes Thickness inches material PVC cap

15 Well underreamed? No From feet to feet feet to feet

16 If all screen was not placed at bottom state how it was spaced

From feet to feet from feet to feet from feet to feet.

17 Depth of well from ground level to top of plug 58' Size of drilled hole 10

18 Was cement placed around or between any of the casings? No

19 If so state where how much and method used

LW 65

CONTRACT Lindsay Manufacturing Well No. 82-2

Log of well from ground level

| Feet | | Feet | Formation |
|---|---|---|---|
| 0' | to | 7' | Top clay |
| 7' | to | 24' | Dark brown clay |
| 24' | to | 38' | Sandy clay |
| 38' | to | 48' | Brown clay |
| 48' | to | 62' | Coarse sand and gravel |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
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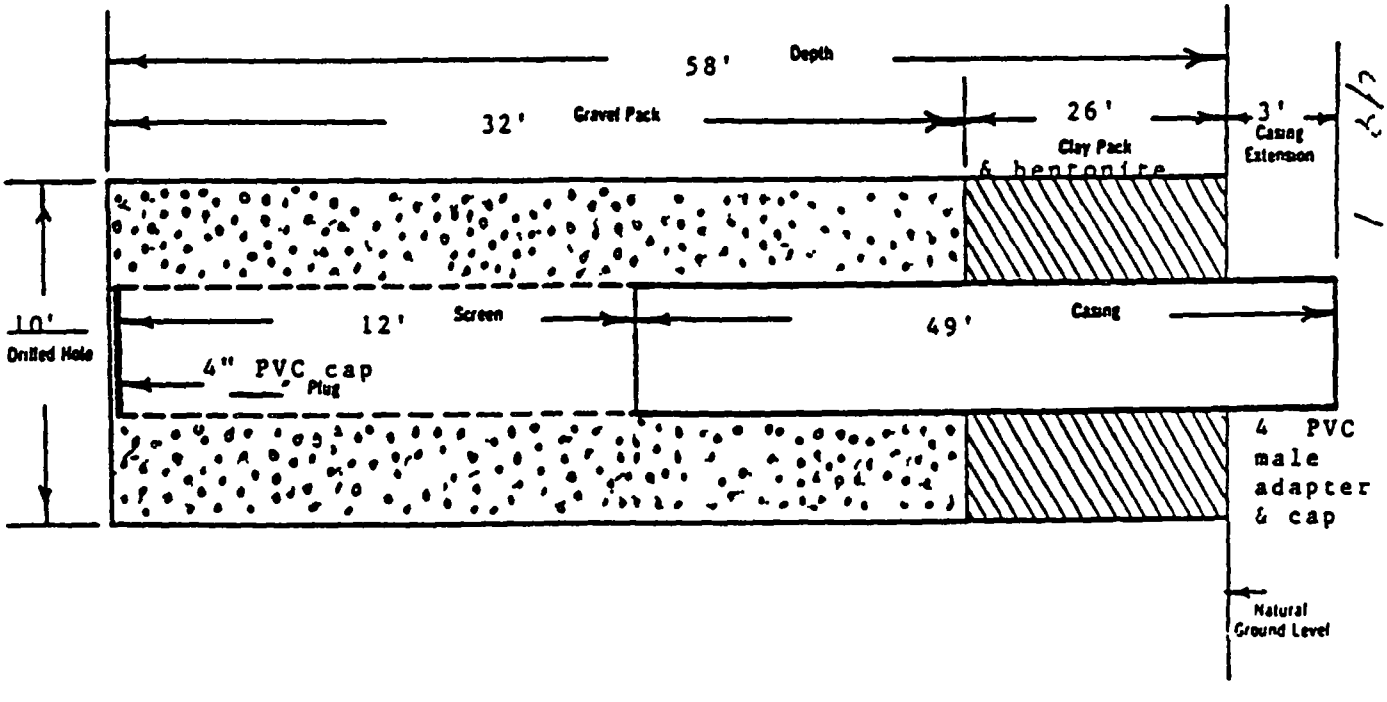

# Layne-Western Company, Inc

## Well Information

Omaha Nebraska

1 Contract Lindsay Manufacturing Date 12/17/82

2. City and State Lindsay, Nebraska Driller Jim Renrschler

3 Well No. 82-3 M at test hole No. 82-3 Well location (attach map) S.E. corner of acid lagoon

4. Work completed _____ No of man hours as charged to job on time sheet _____

| 5 MATERIAL | LENGTH | DIA. | GAUGE OR WALL THICKNESS | MATERIAL | TYPE | NO OF OPENINGS |
|---|---|---|---|---|---|---|
| 6. Screen | 12' | 4 | 200 psi | PVC | | |
| 7 Inner Casing | 48' | 4 | 200 psi | PVC | | |
| 8. Outer Casing | | | | | | |

9 2 tons of gravel used in the well Size road gravel

10 Test of well Did you use test or permanent pump? test sub _____
Size of Bowl Stages

11 Size of orifice 4" inch by 2" inch Orifice tube reading 9' inches.

12. Pumping test — measurements from ground level

| TIME | G.P.M. | STATIC | DRAWDOWN | PUMPING LEVEL |
|---|---|---|---|---|
| 2 hrs | 45 | 28' | 13' | 41' |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

13 Recovery in 5 minutes complete in 30 minutes _____

14 Did you seal bottom of well? yes Thickness _____ inches material 4 PVC cap

15 Well underreamed? no From _____ feet to _____ feet, _____ feet to _____ feet

16. If all screen was not placed at bottom state how it was spaced

From _____ feet to _____ feet from _____ feet to _____ feet from _____ feet to _____ feet

17 Depth of well from ground level to top of plug 57' Size of drilled hole 10'

18 Was cement placed around or between any of the casings? No

19 If so state where how much and method used _____

LW-65

# Layne-Western Company, Inc — Well Information

Omaha Nebraska

CONTRACT Lindsay Manufacturing Well No. 82-2

Log of well from ground level

| Feet | | Feet | Formation |
|---|---|---|---|
| 0' | to | 7' | Top clay |
| 7' | to | 24' | Dark brown clay |
| 24' | to | 38 | Sandy clay |
| 38' | to | 48' | Brown clay |
| 48' | to | 62' | Coarse sand and gravel |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
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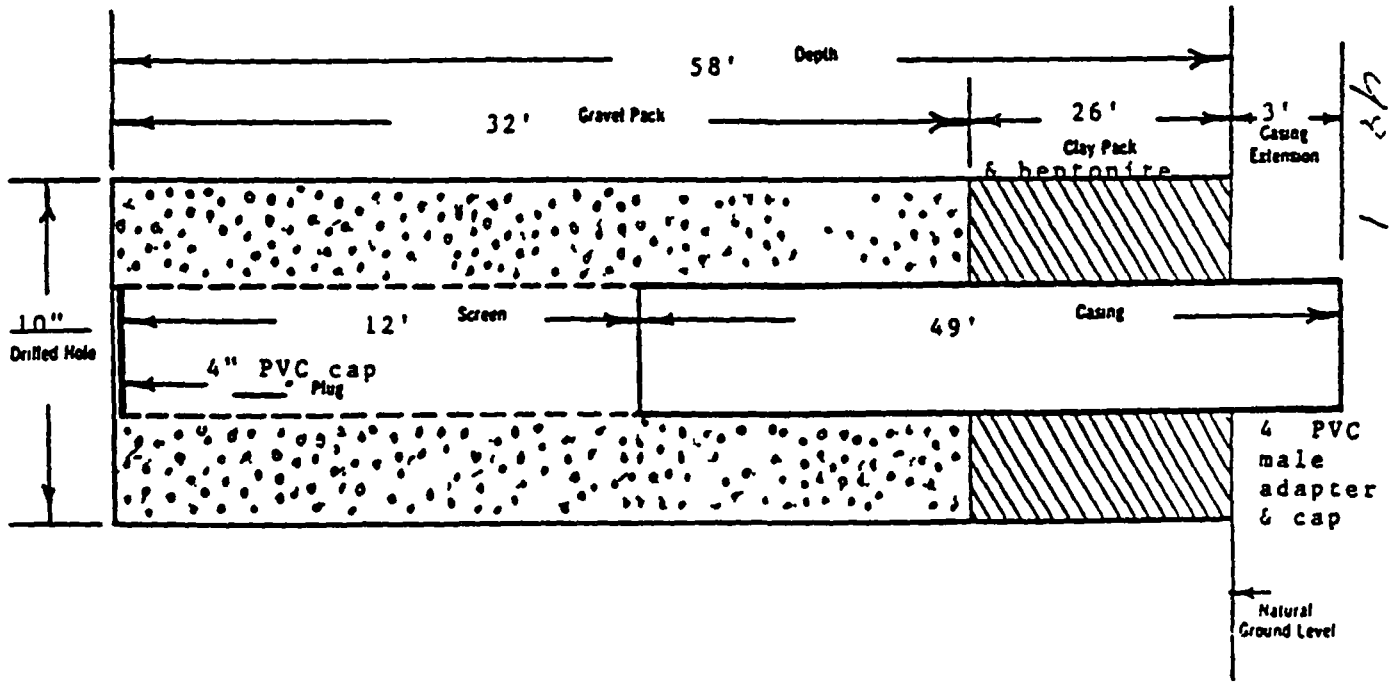
| | to | | |



# Layne-Western Company, Inc

**Well Information**
Omaha Nebraska



CONTRACT Lindsay Manufacturing Co Well No. 82-1

Log of well from ground level

| Feet | | Feet | Formation |
|---|---|---|---|
| 0' | to | 14' | Top clay |
| 14' | to | 20' | Dark brown clay |
| 20' | to | 34' | Sandy clay |
| 34' | to | 47' | Brown and gray clay |
| 47' | to | 62' | Coarse sand and gravel |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
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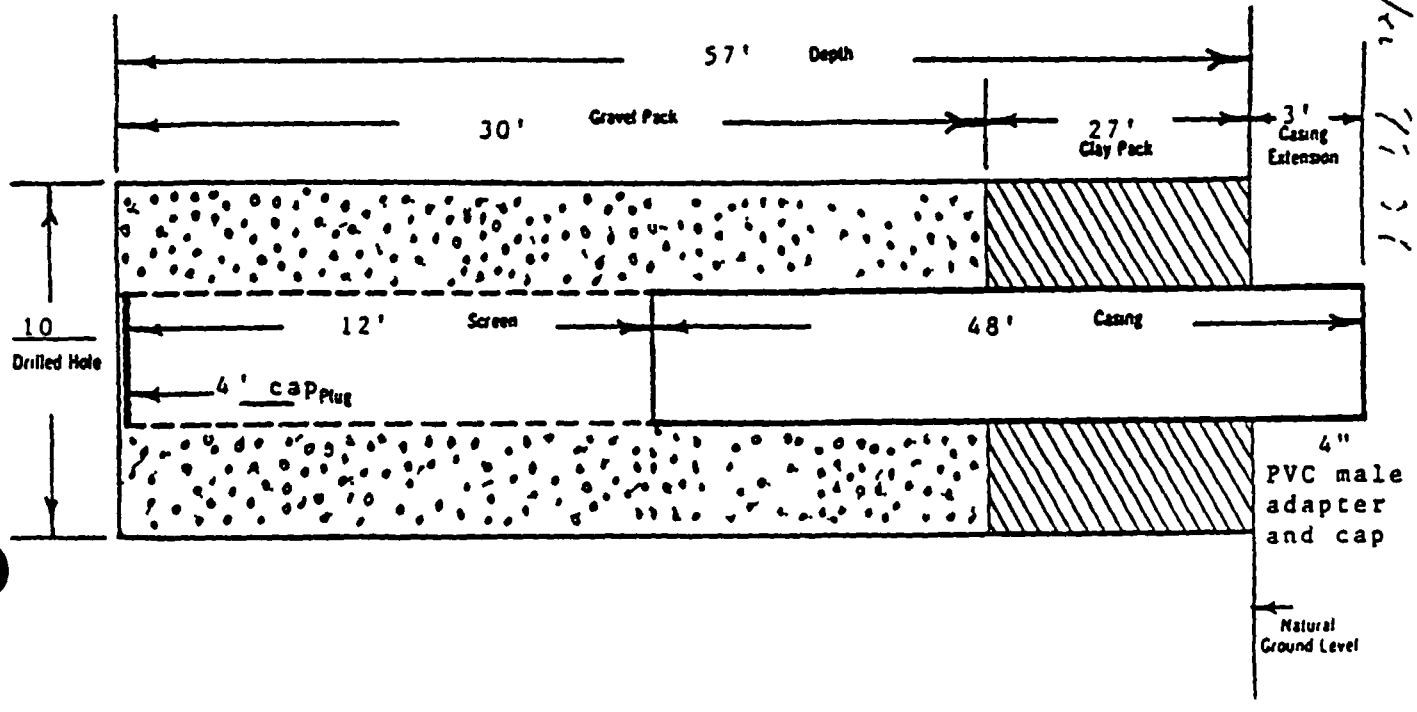

# Layne-Western Company, Inc

## Well Information

Omaha Nebraska

1 Contract Lindsay Manufacturing Date December 21, 1982

2 City and State Lindsay Nebraska Driller Jim Rentschler

3 Well No 82-4 M at test hole No 82-4 Well location (attach map) N E corner of acid lagoon

4 Work completed _____ No of man hours as charged to job on time sheet _____

| 5 MATERIAL | LENGTH | DIA. | GAUGE OR WALL THICKNESS | MATERIAL | TYPE | NO. OF OPENINGS |
|---|---|---|---|---|---|---|
| 6 Screen | 12' | 4" | 200 psi | PVC | Jet Stream | |
| 7 Inner Casing | 49' | 4 | 200 psi | PVC | Jet Stream | |
| 8 Outer Casing | | | | | | |

9 2 tons of gravel used in the well. Size road gravel

10 Test of well Did you use test or permanent pump? test submersible (Size of Bowl) _____ (Stages)

11 Size of orifice 4 inch by 2 inch Orifice tube reading 9 inches.

12 Pumping test — measurements from ground level

| TIME | G.P.M. | STATIC | DRAWDOWN | PUMPING LEVEL |
|---|---|---|---|---|
| 2 hrs | 45 | 32.2' from top of casing | 2.7' | 34.9' |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

13 Recovery in 5 minutes complete in 30 minutes _____

14 Did you seal bottom of well? yes Thickness _____ inches material 4' PVC cap

15 Well underreamed? _____ From _____ feet to _____ feet _____ feet to _____ feet

16 If all screen was not placed at bottom state how it was spaced

From _____ feet to _____ feet from _____ feet to _____ feet from _____ feet to _____ feet.

17 Depth of well from ground level to top of plug 58' Size of drilled hole 10

18 Was cement placed around or between any of the casings? No

19 If so state where how much and method used _____

LW 65

# Layne-Western Company, Inc

**Well Information**
Omaha Nebraska



CONTRACT Lindsay Manufacturing Well No. 82-4

Log of well from ground level

| Feet | | Feet | Formation |
|---|---|---|---|
| 0' | to | 15' | Top soil |
| 15' | to | 30' | Sandy clay |
| 30' | to | 38' | Silty gray clay |
| 38' | to | 48' | Silty red clay |
| 48' | to | 62' | Coarse sand and gravel |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
| | to | | |
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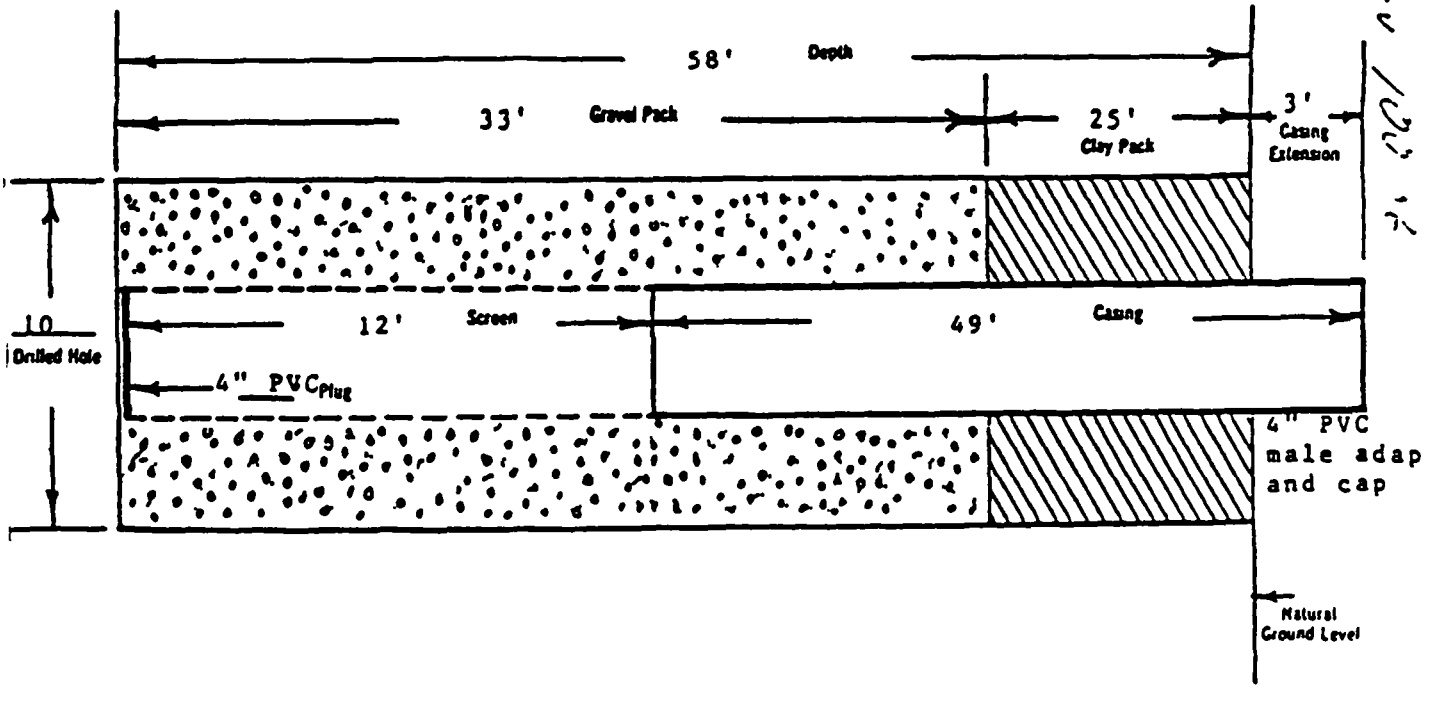


## APPENDIX I

M Old Well (on site)

STASKA DRILLING & SUPPLY CO , INC
204 No 6th St
Albion, Nebraska 68620

TEST LOG OR WELL LOG DOMESTIC WELL LOG

PURCHASER Lindsay Mfg. Co. - Owner Date Drilled 6-9-1980
ADDRESS P. O. Box 156 Lindsay, NE 68644 ¼ S T R
Mark location in quarter section on back.

| | | | | | |
|---|---|---|---|---|---|
| 0 | to 35 | Clay | | to | |
| 35 | to 47 | Sand, Clay | | to | |
| 47 | to 60 | Med. & Fine Sand | | to | |
| 60 | to 98 | Med. Gravel | | to | |
| 98 | to 101 | Yellow Ocra | | to | |
| | to | | | to | |
| | to | | | to | |
| | to | | | to | |
| | to | | | to | |
| | to | | | to | |
| | to | | | to | |
| | to | | | to | |
| | to | | | to | |
| | to | | | to | |
| | to | | | to | |

TEST PUMPING REPORT

WELL DEPTH 98 Ft.

Static Water Level

DRILLERS REMARKS 10 Ft. of screen 1 bags bentonite, 1 4" steel cap, 1-4 x 4 PVC adapte

$706.10

Bud Zaoka & Don Johnson
Driller & Helper

Test wells are due and payable in 90 days unless arrangements have been made for the completion of the Irrigation well.

## APPENDIX I

N Village of Lindsay Wells

Re load Ap il 1967
M&I 1

3

Registration No G-30080 County of Platte Date Filed Aug. 12, 1968

East Toll

STATE OF NEBRASKA

MUNICIPAL OR INDUSTRIAL WELL REGISTRATION

I Village of Lindsay (Name of person ign g registration) of Lindsay, Nebraska (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st That the name of tne owner of the municipal ~~(or) industrial~~ well registered herein is Village of Lindsay whose postoffice address is Lindsay, Platte, Nebraska 68644

2nd. That the well is located on the NW Quarter of the Quarter of Section 20 Township 20N Range 3E of the Sixth P M Platte County and it is feet from the line and feet from the line of said tract as accurately shown on the plat on page 2 hereof

3rd. That the well was installed for the following purpose or purposes use of Village of Lindsay

4th That the capacity of said well under normal operating conditions is 300 gallons per minute

5th That the depth of the well is 72½ feet measured from the surface of the ground

6th That the inside diameter of the casing is inches

7th That the static water level in the well is feet below ground surface

8th That the depth to water under normal pumping condition is 23' 6 (Pumping Level) feet below ground surface

9th That the diameter of the pump column is inches Th it the diameter of the 5 (Give Number of bowls) bowl or bowls is inches

10th That the type and size of impeller is as follows

11th That the well was completed on or about the [illegible] day of 19

7

12th. That attached hereto are three copies of the log of the well certified to by the driller of the well

13th. That the well was drilled by _____ whose address is

_____

14th. That the relation which the subscriber to this affidavit bears to said registrant is that of

_____ (Owner or Agent) and that he is authorized to make this affidavit in behalf of the interest affected.

S H Weitzel

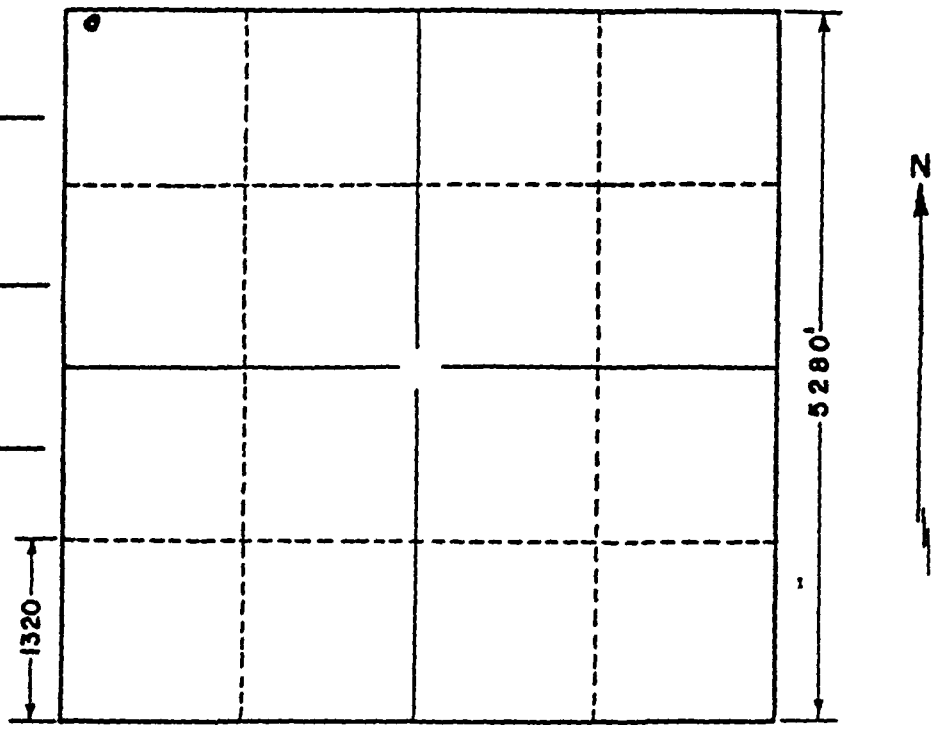
This drawing represents one Section

Platte County
St Bernard Twp

Section No 20

Township 20 N

Range 3 '




Each small subdivision is a 40 acre tract

State of Nebraska

Department of Water Resources

This instrument was filed for record at 8 30 o clock ^ M. on the 12th day of August 19 63

Dan S Jones Jr
Director of Water Resources

cR -

3

Revised April 1, 1966
Irr 87-3

Registration No. G-45471 County of Platte Date Filed July 18, 1975

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co. (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska, do hereby certify that

1 I am the driller of a well located on the ..... Quarter Section No. .....

Township ..... North Range ....., owned by .....

whose postoffice address is ..... State of .....

2. That the drilling was begun on the 10 day of Febr. 1975, and completed on the 11 day of Febr., 1975

3. That the well is cased and screened in the following manner 18" concrete, 0-39 plain, 39-83 screen, 83-91 screen, 91-92 plug. (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 36 inches.

5. That Reverse Rotary Action type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows Concrete on bottom, gravel packed bottom to 32 ft., 32ft. to top, concrete

7 That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | | MATERIAL DRILLED |
|---|---|---|---|
| 0 | 25 | 25 | black soil |
| 25 | 42 | 17 | brown clay |
| 42 | 47 | 5 | brown sand & clay streaks |
| 47 | 50 | 7 | coarse sand & gravel |
| 50 | 92 | 42 | gravel & coarse sand |
| 92 | | | Clay |

Date Signed June 20, 1975

Grosch Irrigation Co, By Dean Oppliger
Driller

[illegible] please use reverse side of this page.)

3

egistration No. G-45471 County of Platte Date Filed July 18, 1975

STATE OF NEBRASKA

MUNICIPAL OR INDUSTRIAL WELL REGISTRATION

I, Robert L Nielsen of Lindsay Nebr 68644
(Name of person signing registration) (Postoffice address)

ounty of Platt State of Nebraska being first duly sworn upon my oath say

1st. That the name of the owner of the municipal (or) industrial well registered herein is

Village of Lindsay whose postoffice address is Lindsay Nebr 68644

2nd That the well is located on the Quarter of the Quarter of Section 20
t side of Intersection 3rd and Walnut Street Lindsay Neb
ownship 20 Range 3 W of the Sixth P M. Platte County and it is
Abt East of Watertower, North of Hiway # 91
eet from the line and feet from the line of said tract, as accurately
hown on the plat on page 2 hereof

3rd. That the well was installed for the following purpose or purposes City Water
Village of Lindsay

4th That the capacity of said well under normal operating conditions is 700 gallons per minute

5th That the depth of the well is 92 feet measured from the surface of the ground.

6th That the inside diameter of the casing is 10 inches

7th. That the static water level in the well is 25 feet below ground surface

8th That the depth to water under normal pumping condition is 42 feet below ground surface
(Pumping Level)

9th That the diameter of the pump column is 8 inches That the diameter of the 6 (Give Number of bowls)
bowl or bowls is 10 inches

10th That the type and size of impeller is as follows
Jacuzzi Pump Co. bowls 10 R, impeller 3-M & 3-L

11th That the well was completed on or about the 21 day of June, 19 75

VILLAGE OF LINDSAY Sec 20, T 20N, R 3W, Platte Co

12th. That attached hereto are three copies of the log of the well certified to by the driller of the well.

13th That the well was drilled by Grosch Irrigation Co. whose address is Silver Creek, Nebraska

14th That the relation which the subscriber to this affidavit bears to said registrant is that of Chairman of Board of Dir of Lindsay (Owner or Agent) and that he is authorized to make this affidavit in half of the interest affected

Robert L. Melcher

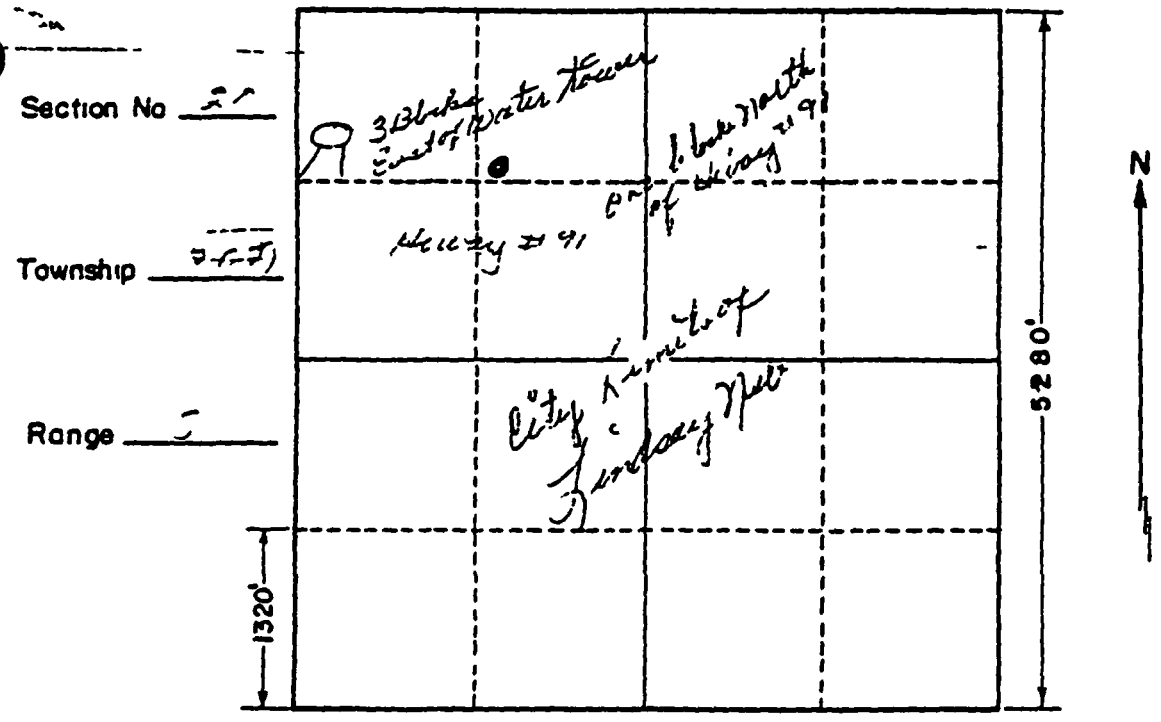
STATE OF Nebraska

Platte County

I hereby certify that the foregoing was signed in my presence and sworn to before me this 7 of July 1975

[signature]
Notary Public

This drawing represents one Section




Each small subdivision is a 40 acre tract

' Nebraska

ent of Water Resources

instrument was filed for record at 10 o clock A. M on the 18th day of July 1975

M E Ball
Director of Water Resources

Registration No G-69308 Platte Filed 9/30/83

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES
WELL REGISTRATION

1 General information
A Connected well
Is this well connected to another well? [ ] Yes [X] No
If yes give registration number of previously registered well _____
(If new installation consists of a series of wells with one outlet complete registration forms and driller's certificates for each and submit $7.50)
B Replacement well
Is this well to replace a permanently abandoned well? [ ] Yes [X] No
If yes give registration number of abandoned well _____
C Permit No _____ (required only in a Ground Water Control Area)

Type of well to be registered (Check One)
[ ] IRRIGATION
[X] MUNICIPAL
[ ] INDUSTRIAL
[ ] Other _____

2 Name & address of well owner Village of Lindsay
Lindsay, Nebraska

Zip Code 68644 Phone (402) 428-2813

3 Name & address of well driller Grosch Irrigation Company, Inc.
P.O. Box 337
Silver Creek, Nebraska

Zip Code 68663 Phone (308) 773-2261

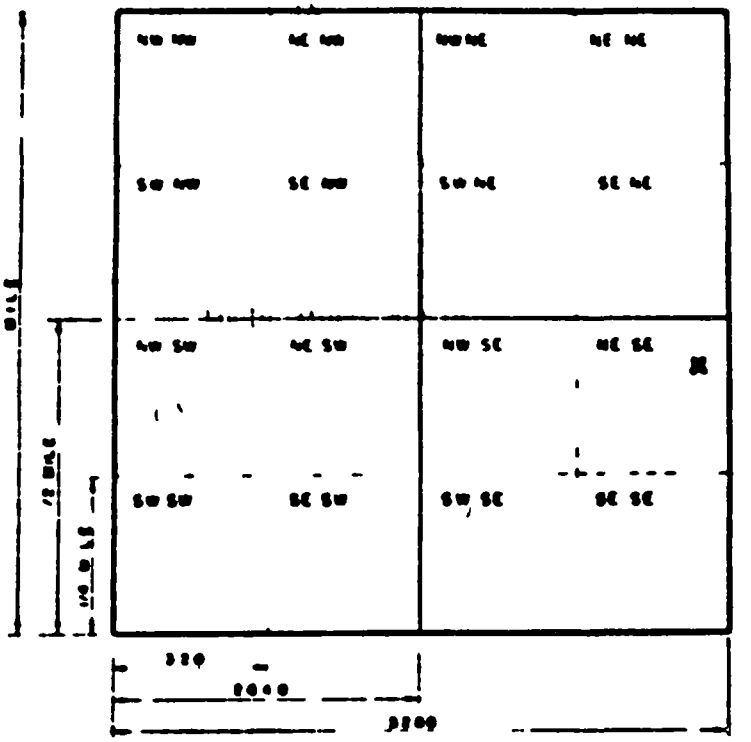
4 Location & purpose of the well
A 19 Lower Platte North Natural Resources District (Identify)
B NE ¼ of the SE ¼ of Section 18 Township 20N Range 3 [ ] E [X] W (check one)
Platte County
C The well is 2,200 feet from the nearest municipal irrigation or industrial well The nearest well is owned by [X] you [ ] someone other than you (check one)
D The well is intended to irrigate NA acres of land and it is intended to irrigate all or parts of the following land _____
OR
E The well shall be used for purposes of Public Water Supply

5 Well and pump specifications
A Pumping rate under normal conditions 650 gallons per minute
B Total well depth 85 feet
C Inside diameter of the casing 15 inches
D Static (non pumping) water level in the well 19 feet below ground surf
F Depth of water under normal pumping conditions 39 feet below grour
F Pump column Diameter 8 inches Length 71.5 feet
G The well was completed on or about September 8 1983

MORE ON BACK

9/8/83

(With an X mark the location of the well)



This drawing represents one square mile (a section)
Each small subdivision is a 40 acre tract.

I certify that I am familiar with the information contained on this registration and that to the best of my knowledge and belief such information is true, correct and accurate.

3-28-84

Well Owner's Signature  Chairman  Date

Both a Well Registration and Driller's Certificate must be completed in triplicate and in full. An incomplete or defective form will be returned. A non-refundable $7.50 fee (payable to the Director of Water Resources) must accompany your submittal. No fee is required to register (1) a permitted well within a Ground Water Control Area (2) a well constructed to replace a previously registered well or (3) a well connected in a series with another well previously registered. Forward to

State of Nebraska
Department of Water Resources
301 Centennial Mall South
P.O. Box 94676
Lincoln, Nebraska 68509

April, 1976

MUNICIPAL
Registration No G-69308 County - Platte Filed 3/30/84

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller Grosch Irrigation Company, Inc.
P.O. Box 337
Silver Creek, Nebraska 68663

Well Location

Lower Platte North Natural Resources District

NE Quarter of the SE Quarter of Section 18, Township 20N, Range 3W,

Platte County, and owned by the Village of Lindsay, Nebraska

Drilling & construction specifications

1 Date construction was begun September 6, 19 83

2 Date construction was completed September 8, 19 83

3 Diameter of the drilled hole 32 inches.

4 Was the hole electronically logged? ☒ Yes ☐ No

5 How is drilled hole sealed (not sealed)? 45 feet of neat cement grout

6 Well casing & screen PVC, Size 16, SDR21 casing with Johnson, Size 16, SS Certa-Lok, .070 slot screen
(Give type of casing, lengths and vertical position of plain and slotted segments, slot or perforation size)

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1 Pumping rate 800 gallons per minute

2. Depth to water before pumping 19 feet

3 Depth to water 45 feet after pumping 1,440 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

| /TH IN FEET FM | TO | | MATERIAL DRILLED |
|---|---|---|---|
| 0 | 15 | 15 | Top Soil, Clay |
| 15 | 44 | 29 | Clay |
| 44 | 51 | 7 | Fine Gravel |
| 51 | 54 | 3 | Clay |
| 54 | 60 | 6 | Fine Gravel |
| 60 | 70 | 10 | Fine Gravel With Med. Gravel Layer |
| 70 | 85 | 15 | Fine Gravel |
| 85 | 90 | 5 | Clay |

Ted R McKinney March 26 1984

Well Driller's Signature Date

MATERIAL DRILLED

| /TH IN FEET /M | TO | | |
|---|---|---|---|
| 0 | 15 | 15 | Top Soil, Clay |
| 15 | 44 | 29 | Clay |
| 44 | 51 | 7 | Fine Gravel |
| 51 | 54 | 3 | Clay |
| 54 | 60 | 6 | Fine Gravel |
| 60 | 70 | 10 | Fine Gravel With Med. Gravel Layer |
| 70 | 85 | 15 | Fine Gravel |
| 85 | 90 | 5 | Clay |

Fred R. McKinney March 26 1984

Well Driller's Signature Date

Layne-Western Company

4430 Commercial Avenue Omaha Nebraska

# TEST WELL REPORT

City and State Village of Lindsay

Date 7-30-74

Contract Lindsay, Ne

Driller Donald Oseka

Test No 74-1

Helpers Brad Harris

Static Water Level Approx 55'

Test Log

| | | | |
|---|---|---|---|
| 0' | - | 15' | Black soil |
| 15' | - | 32' | Brown clay |
| 32' | - | 37' | Brown sandy clay |
| 37' | - | 40' | Coarse sand and gravel buff color |
| 40' | - | 83' | Gravel and coarse sand buff color |
| 83' | - | 105' | Yellow shale soft and white shale |
| 105' | - | 107' | Blue shale hard |

Platte Co Obs Well 11

Size Mud Pit—Length 8' Width 4' , Depth 1'6"

WATER BEARING FORMATION DATA

| Depth | | | Mud Viscosity | Inches Mud Taken from Pit | Drilling Time |
|---|---|---|---|---|---|
| 37' | to | 47' | 39 sec | 1 | |
| 47 | | 62 | 39 sec | 2½ | |
| 62' | to | 77' | 39 sec | 3 | |
| 77' | | 83' | 39 sec | 2 | |
| | to | | | | Electric logged to 106' |
| | to | | | | P-50, R 10 |
| | to | | | | |
| | to | | | | |
| | to | | | | |

LOCATION 3 blocks east of water tower

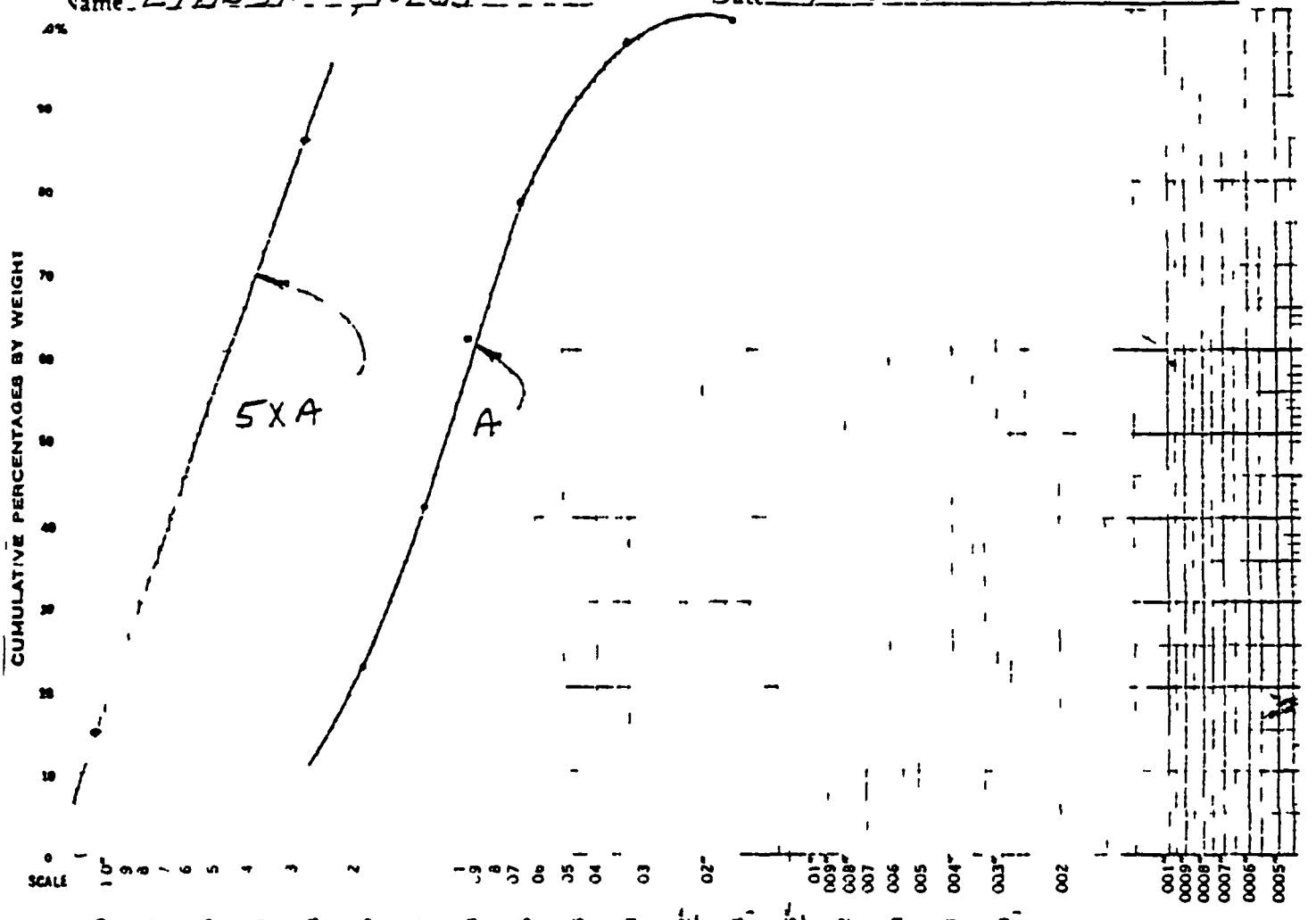
REMARKS Pumping estimate 600 to 800 GPM

# The Tyler Standard Screen Scale

Form No. L-5
Please mention above when ordering

mulative Logarithmic Diagram of Screen Analysis on Sample of 11-1

Name [illegible] Date 1-2-75




SCREEN SCALE RATIO 1.414 — 110' - 83'

| Inches | Millimeters | Tyler Mesh | U.S. No. | Sample Weight | Per Cent | Cumulative Weight | Weights | Per Cent | Cumulative Weight | Sample Weight | Per Cent | Per Cent Cumulative Weights |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.050 | 26.67 | | | | | | | | | | | |
| .742 | 18.85 | | | | | | | | | | | |
| .525 | 13.33 | | | | | | | | | | | |
| .37 | 9.423 | | | | | | | | | | | |
| .263 | 6.680 | 3 | | | | | | | | | | |
| .85 | 4.699 | 4 | 4 | 2250 | 22.50 | 22.50 | | | | | | |
| .131 | 3.327 | 6 | 6 | 1875 | 18.75 | 41.25 | | | | | | |
| .093 | 2.362 | 8 | 8 | 2000 | 20.00 | 61.00 | | | | | | |
| .065 | 1.65 | 10 | 12 | 1625 | 16.25 | 77.50 | | | | | | |
| .046 | 1.168 | [illegible] | 16 | | | | | | | | | |
| .0328 | .833 | 20 | 20 | 1875 | 18.75 | 96.25 | | | | | | |
| .0232 | .589 | 28 | 30 | | | | | | | | | |
| .0164 | .417 | 35 | 40 | 250 | 2.50 | 98.75 | | | | | | |
| .0116 | .295 | 48 | 50 | | | | | | | | | |
| .082 | .208 | 5 | 0 | | | | | | | | | |
| .0058 | .147 | 100 | 100 | | | | | | | | | |
| .004 | .104 | 50 | 140 | | | | | | | | | |
| .0029 | .074 | 200 | 200 | | | | | | | | | |
| Pass P[illegible] .0029 | .074 | 30 | 00 | 125 | 1.25 | 100.00 | | | | | | |

Western Company

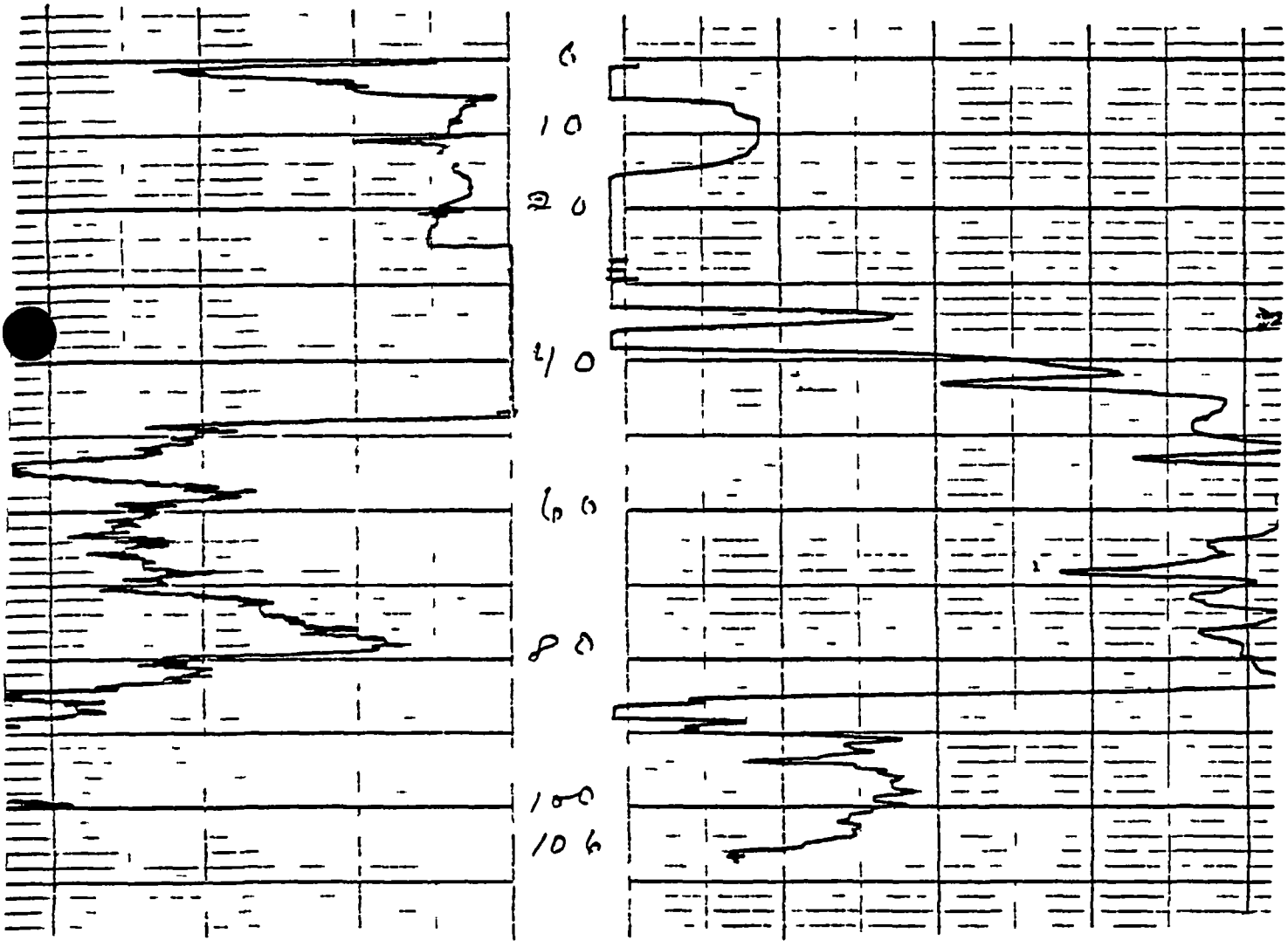
nmercial Ave Omaha Nebraska

# ELECTRICAL LOG

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| AER | Village of Lindsay | | | ADDRESS | Lindsay | | |
| IO 74-1 | ZERO ELEVATION Ground Level | | | COUNTY | | STATE | Ne |
| ION 3 blocks east of water tower | | | | | | | |
| | 7-30-74 | Resistivity Scale 1" | 10 OHMS | Nature of Mud | Bentonite | pH | |
| ading | 106 | Potential Scale 1" | 50 MV | Density | | Circ Temp | |
| ading | 10 | Lineal Scale 1" | 20' | Viscosity | 39 sec API | Weather | |
| e Logged | 96' | Casing (Driller) | none | Bottom (Driller) | 106' | Logged by | Don Oseka |
| | | Casing Size | | Casing (From Log) | | Witnessed by | Brad Harris |
| CS pumping estimate 600 to 800 GPM | | | | | | | |

SPONTANEOUS-POTENTIAL
(MILLIVOLTS)

RESISTIVITY
(OHMS)



Layne-Western Company

4430 Commercial Avenue Omaha Nebraska

TEST WELL REPORT

City and State Lindsay, Nebraska Date 7-30-74

Contract Village of Lindsay Driller Donald Oseka

Test No 74-2 Helpers Brad Harris

Static Water Level Approximately 40'

Test Log

| | | | |
|---|---|---|---|
| 0' | - | 5' 5 | Black soil |
| 5' | - | 20' 15 | Brown sand, |
| 20' | - | 36 16 | Blue clay sticky |
| 36' | - | 40' 4 | Fine sand and coarse sand |
| 40' | - | 47 7 | Coarse sand and fine sand, trace gravel |
| 47' | - | 79 32 | Gravel and coarse sand buff color |
| 79' | - | 115' 36 | Yellow and white shale |
| 115' | - | 122' 7 | Blue shale hard |

Size Mud Pit—Length 8' , Width 4' , Depth 1'6

WATER BEARING FORMATION DATA

| Depth | | | Mud Viscosity | Inches Mud Taken from Pit | Drilling Time |
|---|---|---|---|---|---|
| 40' | to | 47' | 40 sec | ¼ | |
| 47' | | 52' | 40 sec | 2½ | |
| 62' | to | 79' | 40 sec. | 3½ | |
| | to | | | | |
| | to | | | | |
| | to | | | | |
| | to | | | | |
| | to | | | | |

Electric logged to 122'

P-50, R-10

LOCATION 1 block north west of water tower

REMARKS 600 to 800 GPM pumping estimate

Platte Co 30 N - 3 W sec 17

55754?

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 72 | Yellow Clay |
| 72 | 86 | Sandy Clay |
| 86 | 92 | Yellow Clay |
| 92 | 147 | Sandy Clay |
| 147 | 151 | Sandy Clay & Gravel |
| 151 | 153 | Coarse Sand & Fine Gravel |
| 153 | 179 | Med Gravel |
| 179 | 182 | Sandy Clay |
| 182 | 186 | Fine Gravel |
| 186 | 188 | Clay |

Stanley Drilling & Supply Co Inc 1-26-77

Well Driller's Signature Date

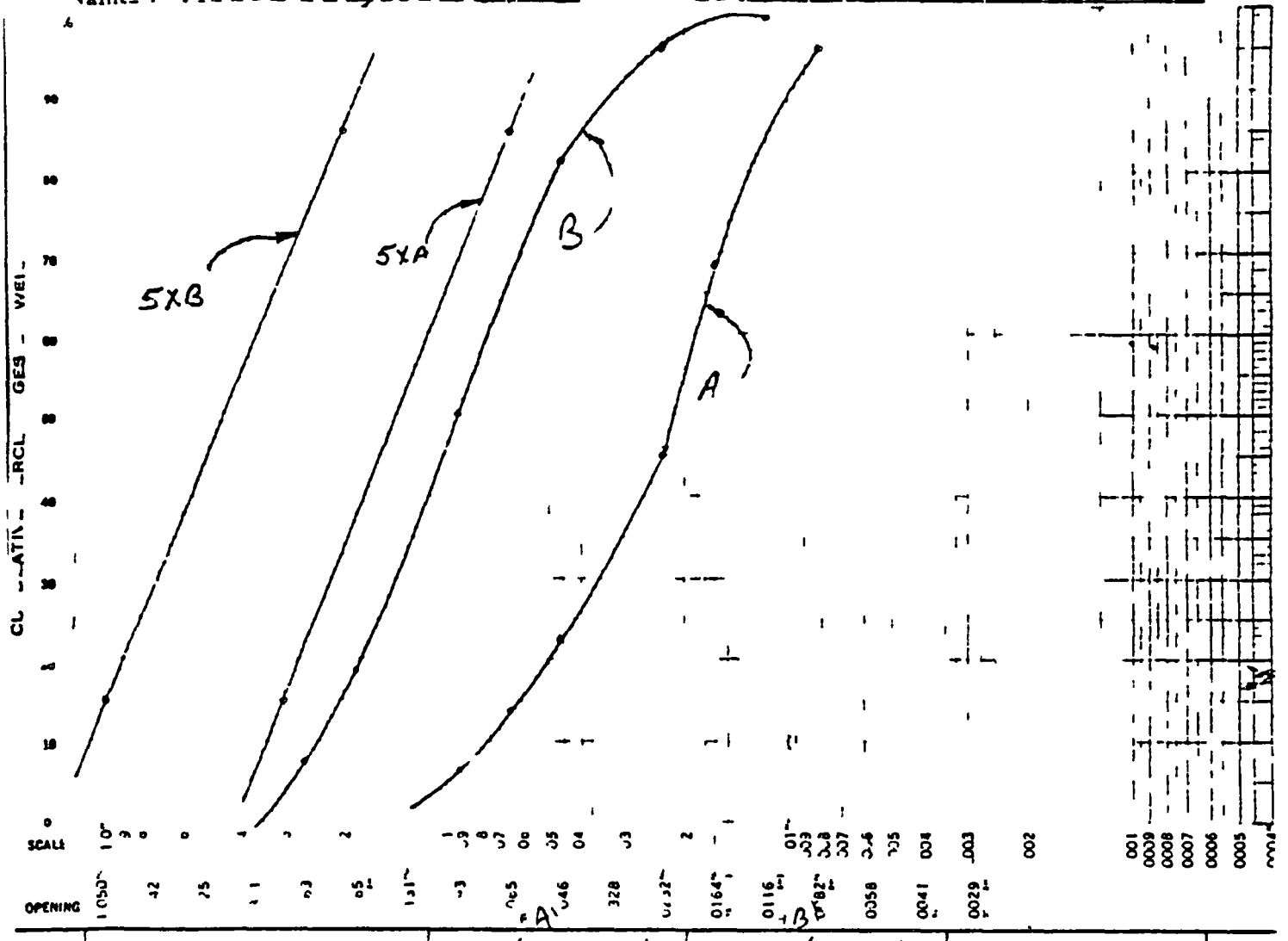
# The Tyler Standard Screen Scale

Form No. L-4
Please mention above when ordering

Cumulative Logarithmic Diagram of Screen Analysis on Sample of 11 2

Name 11 Date 1 2 15

L 5




| SCREEN SCALE RATIO 1 414 | | | | 40' - 47' | | | 47' - 79' | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inch | Millimeters | Mesh | No | Per Cent | Per Cent Cumulative Weights | Sample Weights | Per Cent | Per Cent Cumulative Weights | Sample Weights | Per Cent | Per Cent Cumulative Weights |
| 1 050 | 26 67 | | | | | | | | | | |
| 742 | 8 86 | | | | | | | | | | |
| 525 | 13 33 | | | | | | | | | | |
| 371 | 9 423 | | | | | | | | | | |
| 263 | 6 680 | 3 | | | | 750 | 1 50 | 1 50 | | | |
| 85 | 699 | 4 | 4 | | | 1 5 | 4 5 | 8 75 | | | |
| 131 | 3 327 | 6 | 6 | | | | | | | | |
| 093 | 2 362 | 8 | 8 | 62 | 625 | 625 | 312 | 31 2 | 50 00 | | |
| 066 | 1 651 | 10 | 12 | 1 | 151 | 1375 | | | | | |
| 046 | 1 168 | 14 | 16 | | 31 | 22 50 | 3125 | 31 | 81 25 | | |
| 328 | 833 | 20 | 20 | | | | | | | | |
| 0232 | 589 | 28 | 30 | 22 0 | 2250 | 4500 | 1375 | 13 75 | 1 00 | | |
| 0 64 | 4 7 | 35 | 40 | 1 | 1 | 6 15 | 375 | 375 | 98 75 | | |
| 01 6 | 295 | 48 | 50 | | | | | | | | |
| 0082 | 208 | 65 | 0 | | 262 | 9500 | | | | | |
| 0058 | 14 | 100 | 100 | | | | | | | | |
| 0041 | 104 | 50 | 140 | | | | | | | | |
| 0029 | 0 4 | 200 | 200 | | | | | | | | |
| PA | 0 4 | 0 | 200 | 210 | 00 | 100 00 | 125 | 1 25 | 100 00 | | |

Syme-Western Company

# ELECTRICAL LOG

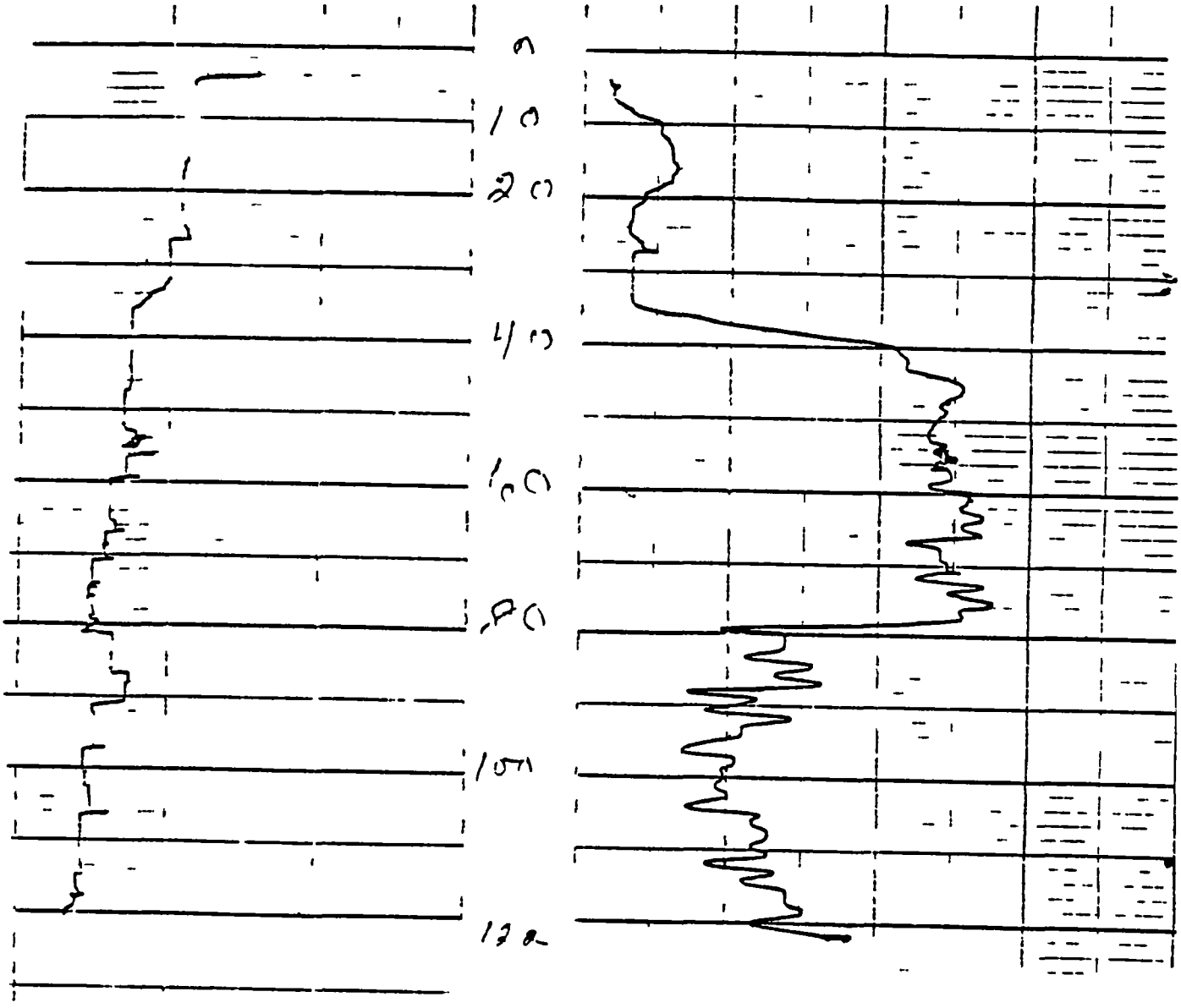
1430 Commercial Ave  Omaha Nebraska

| | | | | | |
|---|---|---|---|---|---|
| CUSTOMER | ce of ndsay | ADDRESS | Lindsay | | |
| WELL NO | - | ZERO ELEVATION | Ground Level | COUNTY | STATE Ne |
| LOCATION | 3 co north west of water tower | | | | |
| Date | 7-11-7 | Resistivity Scale | 2 OHMS | Nature of Mud | Bentonite | pH | |
| First Reading | 4 | Potential Scale | 50 mv | Density | | Circ Temp | |
| Last Reading | | Lateral Scale | 20' | Viscosity | 40 sec API | Weather | |
| Footage Logged | 1 | Casing (Driller) | none | Bottom (Driller) | 122' | Logged by | Don Osek |
| Bit Size | 4 | Casing Size | | Casing (From Log) | | Witnessed by | Brad Harr |

REMARKS 600 to 800 GPM- pump estimate

SPONTANEOUS-POTENTIAL
MILLIVOLTS

RESISTIVITY
(OHMS)



## APPENDIX I

O Registered Irrigation Wells

Revised December 1978 DWR Form 602

DO NOT WRITE IN THIS SPACE

Registration No G-68239 County Platte Date Filed July 12, 1982 1

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES
WELL REGISTRATION

1. General information
A Connected well
Is this well connected to another well? [ ] Yes [X] No
If yes give registration number of previously registered well _____
(If new installation consists of a series of wells with one outlet complete registration forms and driller's certificates for each and submit $7 50)
B Replacement well
Is this well to replace a permanently abandoned well? [ ] Yes [X] No
If yes give registration number of abandoned well _____
C Permit No _____ (required only in a Ground Water Control Area)

Type of well to be registered (Check One)
[X] IRRIGATION
[ ] MUNICIPAL
[ ] INDUSTRIAL
[ ] Other _____

2 Name & address of well owner Ronald R Pfeifer
R1 Box 71
Windsay Ne
39271
Zip Code 68644 Phone (402) 428-3375

3 Name & address of well driller.
Grosch Irrigation Co., Inc.
Silver Creek, NE
Zip Code 68663 Phone (308) 773-2261

4 Location & purpose of the well
A Lower ~~to~~ Platte North 19 Natural Resources District (Identify)
B ____ ¼ of the SW NW ¼ of Section 33 Township 20 North Range ~~N~~ 3 West [ ] E [X] W. (check one)
Platte County
C. The well is 3/4 mile ~~feet~~ from the nearest municipal irrigation, or industrial well The nearest well is owned by [ ] you [X] someone other than you (check one)
D The well is intended to irrigate 140 acres of land and it is intended to irrigate all or parts of the following land NW ½ SW ¼ + S ½ NW ¼ S 33 St Bernard
OR
E The well shall be used for purposes of irrigation

5 Well and pump specifications
A Pumping rate under normal conditions 1250 gallons per minute
B Total well depth 140 feet
C Inside diameter of the casing 16 inches
D Static (non pumping) water level in the well 3 feet below ground surface
E Depth of water under normal pumping conditions 70 feet below ground surface
F Pump column Diameter NA n inches Length NA feet
G The well was completed on or about June 28 1982

MORE ON BACK 1-13-82 MORE ON BACK

Revised April, 1978

1

Registration No G-68239 County Platte Date Filed July 12, 1982

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller

Grosch Irrigation Co., Inc.
Silver Creek, NE 68663

Well Location

19 Lower Platte North Natural Resources District

SE/NW Quarter of the Quarter of Section 33, Township 20 N, Range 2 West

Platte County and owned by Ronald R Pfeifer

Drilling & construction specifications

1 Date construction was begun April 13, 1982

2 Date construction was completed April 13, 1982

3 Diameter of the drilled hole 32 inches

4 Was the hole electronically logged? ☐ Yes ☒ No

5 How is drilled hole sealed (not sealed)? Concrete on top Plug on bottom Gravel packed from bottom to top with one foot bentonite at four feet.

6 Well casing & screen Concrete 0-59 Plain 59-139 Screen 139-140 Plug
(Give type of casing, lengths and vertical position of plain and slotted segments, slot or perforation size.)

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1 Pumping rate 1250 gallons per minute

2 Depth to water before pumping 3 feet

3 Depth to water 70 feet after pumping 180 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLFD |
|---|---|---|
| 0 | 35 | Blue clay |
| 35 | 55 | Medium to coarse gravel |
| 55 | 68 | Yellow clay and gravel streaks |
| 68 | 72 | Fine to medium gravel |
| 72 | 81 | Yellow clay |
| 81 | 90 | Fine to medium gravel and clay streaks |
| 90 | 117 | Fine to medium gravel |
| 117 | 120 | Clay |
| 120 | 138 | Fine to medium gravel and clay layers |
| 138 | 150 | Clay and limestone and gravel streaks |
| 150 | 165 | Clay to shale |

Crosch Irrigation Co., Inc. 5-5-82 BWW

Well Driller's Signature Date

3

pril, 1976

egistration No G-67633 County Platte Date Filed 2/9/82

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller

Well Location

19 Lower Platte North Natural Resources District

SW ~~NW~~ Quarter of the NW Quarter of Section 16 Township 20 Range 3W

Platte County and owned by Alan + Frances

Drilling & construction specifications

1 Date construction was begun 19 [illegible]

2. Date construction was completed 19 [illegible]

3 Diameter of the drilled hole [illegible] inches

4 Was the hole electronically logged? ☐ Yes ☒ No

5 How is drilled hole sealed (not sealed)? [illegible] to top [illegible] with bentonite

6. Well casing & screen 170' [illegible]
(Gi[illegible] type of casing, lengths and [illegible]rtical position of plain and slotted segments, slot or perforation siz[illegible])

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1 Pumping rate 885 gallons per minute

2 Depth to water before pumping [illegible] feet

3 Depth to water 191 feet after pumping [illegible] minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | | TO | MATERIAL DRILLED |
|---|---|---|---|
| [illegible] | 15 | 15 | cl[illegible] |
| 15 | 23 | 28 | c[illegible] blue clay |
| 38 | 139 | 177 | [illegible] cl[illegible] clay |
| 177 | 30 | 207 | [illegible] 30 |
| 207 | 18 | 225 | [illegible] |

[illegible] Irrigation Co. by Fay 7 19

Well Driller's Signature [illegible] Date

Revised December 1978 DWR Form 603

DO NOT WRITE IN THIS SPACE

3

Registration No G-67633 County Platte Date Filed 2/9/82

# STATE OF NEBRASKA
# DEPARTMENT OF WATER RESOURCES
# WELL REGISTRATION

1 General information

A Connected well

Is this well connected to another well? ☐ Yes ☒ No

If yes give registration number of previously registered well _____

(If new installation consists of a series of wells with one outlet complete registration forms and driller's certificates for each and submit $7.50)

B Replacement well

Is this well to replace a permanently abandoned well? ☐ Yes ☐ No

If yes give registration number of abandoned well _____

C Permit No _____ (required only in a Ground Water Control Area)

Type of well to be registered. (Check One)

- ☒ IRRIGATION
- ☐ MUNICIPAL
- ☐ INDUSTRIAL
- ☐ Other _____

2. Name & address of well owner

[illegible]

Zip Code [illegible] Phone (402) [illegible]

3 Name & address of well driller

[illegible]

Zip Code [illegible] Phone (402) [illegible]

4 Location & purpose of the well

A Lower Platte North 19 Natural Resources District (Identify)

B SW ¼ of the NW ¼ of Section 16 Township 20 Range 3 ☐ E ☒ W (check one)

Platte County

C The well is 2000 feet from the nearest municipal irrigation or industrial well. The nearest well is owned by ☐ you ☒ someone other than you (check one)

D The well is intended to irrigate 140 acres of land and it is intended to irrigate all or parts of the following land 160 acres

OR

E The well shall be used for purposes of _____

5 Well and pump specifications

A Pumping rate under normal conditions 160 gallons per minute

B Total well depth 43 feet

C Inside diameter of the casing 16 inches

D Static (non pumping) water level in the well 17 feet below ground surface

E Depth of water under normal pumping conditions [illegible] feet below ground surface

F Pump column Diameter 3 inches Length [illegible] feet

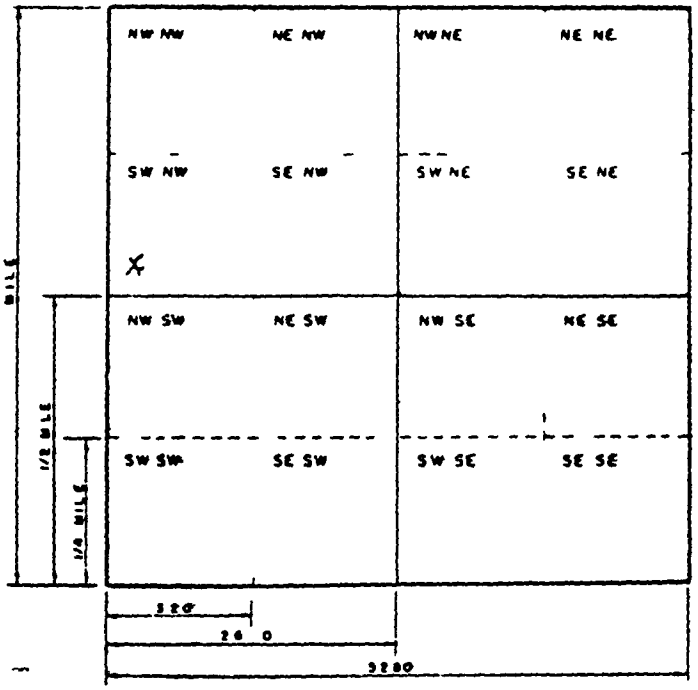
G The well was completed on or about [illegible] 22, 19[illegible]

PLATTE T20N R3W, Sec 16

MORE ON BACK

MORE ON BACK

(With an X mark the location of the well)




This drawing represents one square mile (a section)
Each small subdivision is a 40 acre tract

I certify that I am familiar with the information contained on this registration and that to the best of my knowledge and belief such information is true concise and accurate

Alan Bell 1-10-84

Well Owner's Signature Date

Both a Well Registration and Driller's Certificate must be completed in triplicate and in full An incomplete or defective form will be returned A non refundable $7 50 fee (payable to the Director of Water Resources) must accompany your submittal No fee is required to register (1) a permitted well within a Ground Water Control Area (2) a well constructed to replace a previously registered well or (3) a well connected in a series with another well previously registered Forward to

State of Nebraska
Department of Water Resources
301 Centennial Mall South
P O Box 94676
Lincoln Nebraska 68509

Revised December 1978 DWR Form 602

DO NOT WRITE IN THIS SPACE

Registration No G-67556 County Platte Date Filed 1/21/82

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES
WELL REGISTRATION

1. General information
A. Connected well
Is this well connected to another well? ☐ Yes ☒ No
If yes, give registration number of previously registered well _____
(If new installation consists of a series of wells with one outlet complete registration forms and driller's certificates for each and submit $7.50)
B. Replacement well
Is this well to replace a permanently abandoned well? ☐ Yes ☒ No
If yes, give registration number of abandoned well _____
C. Permit No. _____ (required only in a Ground Water Control Area)

Type of well to be registered (Check One)
☒ IRRIGATION
☐ MUNICIPAL
☐ INDUSTRIAL
☐ Other _____

2. Name & address of well owner
George Pfeifer
Lindsay, Ne.
RR1 BEX 97
Zip Code 68644 Phone (402) 923-1528

3. Name & address of well driller
Grosch Irrigation Co.
Albion, Ne.
Zip Code 68620 Phone (402) 395-6437

4. Location & purpose of the well
A. 19 Lower Platte North Natural Resources District (Identify)
B. E½ ¼ of the SE¼ ¼ of Section 21 Township 20 Range 3 ☐ E ☒ W (check one)
Lindsay NE Platte County 1320W 100W
C. The well is 1320 feet from the nearest municipal irrigation, or industrial well. The nearest well is owned by ☐ you ☒ someone other than you (check one)
D. The well is intended to irrigate 80 acres of land and it is intended to irrigate all or parts of the following land E½ SE¼ Sec 21 T-20 R-3W
OR
E. The well shall be used for purposes of Irrigation

5. Well and pump specifications
A. Pumping rate under normal conditions 850 gallons per minute
B. Total well depth 204 feet
C. Inside diameter of the casing 16 inches
D. Static (non-pumping) water level in the well 132 feet below ground surface.
E. Depth of water under normal pumping conditions 170 feet below ground surface
F. Pump column Diameter 8 inches Length 180 feet
G. The well was completed on or about March 20 19 81

MORE ON BACK MORE ON BACK

Revised April, 1978

1

Registration No. G-67556 County Platte Date Filed 1/21/82

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

Permit No ..... (required only in a control area)

Name & Address of well driller Grosch Irrigation Co.

Albion, Ne.

Well Location 19 Lower Platte North Natural Resources District

E½ Quarter of the SE¼ Quarter of Section 21, Township 20, Range 3W

Platte County, and owned by George E. Pfeifer

Drilling & construction specifications:

1. Date construction was begun: November 6, 19 80
2. Date construction was completed March 20, 19 81
3. Diameter of the drilled hole. 32 inches
4. Was the hole electronically logged? ☐ Yes ☒ No
5. How is drilled hole sealed (not sealed)? gravel packed to top sealed with bentonite
6. Well casing & screen. 152' palin, 52' screen, 1 base, 1 plug
   (Give type of casing, lengths and vertical position of plain and slotted segments, slot or perforation size.)
7. Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1. Pumping rate: 1005 gallons per minute
2. Depth to water before pumping 132 feet.
3. Depth to water 167 feet after pumping 240 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED | |
|---|---|---|---|
| 0 | 40 | clay | |
| 40 | 152 | sticky clay | |
| 152 | 202 | fine to med gravel | 56 |
| 202 | 210 | clay | |
| 210 | 225 | clay to caker | |

Grosch Irrigation Co. by Jan 15, 1982

Well Driller's Signature Date

Kevin Spike

Revised December 1978 DWR Form 602

DO NOT WRITE IN THIS SPACE

3

Registration No C-67535 County Platte Date Filed 1/15/82

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES
WELL REGISTRATION

1 General information
A Connected well
Is this well connected to another well? ☐ Yes ☒ No
If yes give registration number of previously registered well _____
(If new installation consists of a series of wells with one outlet complete registration forms and driller s certificates for each and submit $7 50)
B Replacement well
Is this well to replace a permanently abandoned well? ☐ Yes ☒ No
If yes give registration number of abandoned well _____
C Permit No _____ (required only in a Ground Water Control Area)

Type of well to be registered (Check One)
☒ IRRIGATION
☐ MUNICIPAL
☐ INDUSTRIAL
☐ Other _____

2 Name & address of well owner [illegible]

Zip Code [illegible] Phone (402) [illegible]

3 Name & address of well driller [illegible] Supply Co., Inc.
204 [illegible] Street
[illegible]

Zip Code [illegible] Phone (402) 395-2141

4 Location & purpose of the well
A 19 Lower Platte North Natural Resources District (Identify)
B Center ¼ of the SW ¼ of Section 21 Township 20 Range 3 ☐ E ☒ W (check one)
Platte County
C The well is _____ feet from the nearest municipal irrigation or industrial well The nearest well is owned by ☐ you ☐ someone other than you (check one)
D The well is intended to irrigate 140 acres of land and it is intended to irrigate all or parts of the following land _____
OR
E The well shall be used for purposes of _____

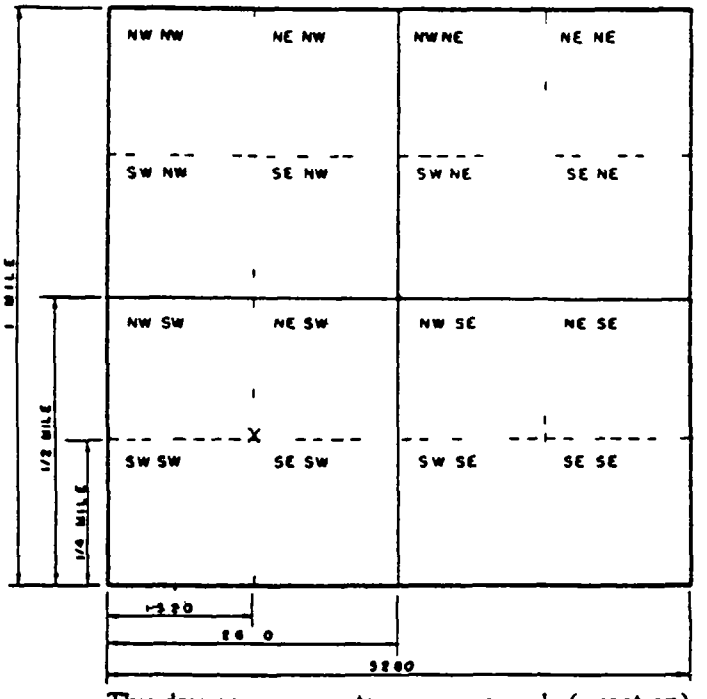
5 Well and pump specifications
A Pumping rate under normal conditions 1000 gallons per minute
B Total well depth 123 feet
C Inside diameter of the casing 17 inches
D Static (non pumping) water level in the well 65 feet below ground surface
E Depth of water under normal pumping conditions 89 feet below ground surface
F Pump column Diameter 8 inches Length 110 feet
G The well was completed on or about [illegible] 19 1

MORE ON BACK

MORE ON BACK

PLATTE T20N R3W, Sec 21

(With an X mark the location of the well)




This drawing represents one square mile (a section)
Each small subdivision is a 40 acre tract

I certify that I am familiar with the information contained on this registration and that to the best of my knowledge and belief such information is true concise and accurate

Well Owner s Signature Date

Both a Well Registration and Driller s Certificate must be completed in triplicate and in full An incomplete or defective form will be returned A non refundable $7 50 fee (payable to the Director of Water Resources) must accompany your submittal No fee is required to register (1) a permitted well within a Ground Water Control Area (2) a well constructed to replace a previously registered well or (3) a well connected in a series with another well previously registered Forward to

State of Nebraska
Department of Water Resources
301 Centennial Mall South
P O Box 94676
Lincoln Nebraska 68509

vised April 1976

Registration No G-67535 County Platte Date Filed 1/15/82

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller [illegible] Supply Co., Inc.
204 North 6th Street
[illegible], [illegible] 20

Well Location 19 Lower Platte North Natural Resources Distri

Center ~~Quarter~~ of the SW Quarter of Section 21 Township 20 Range 3W

Platte County and owned by [illegible] eller

Drilling & construction specifications

1 Date construction was begun 4-27 19 81

2. Date construction was completed 4-28 19 81

3 Diameter of the drilled hole 28 inches

4 Was the hole electronically logged? ☐ Yes ☒ No

5 How is drilled hole sealed (not sealed)? 1/8" to 1/4" gravel packed

6. Well casing & screen 52 ft of screen balance plain
(Gi type of asing, l ngths and rtical position of plain and slotted segm nts, slot o perforation siz )

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1 Pumping rate 1000 gallons per minute

2 Depth to water before pumping 65 feet

3 Depth to water 89 feet after pumping [illegible] minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 2 | Topsoil |
| 2 | 45 | [illegible] |
| 45 | 67 | [illegible] |
| 67 | 72 | [illegible] Clay [illegible] |
| 72 | 120 | Fine Gravel |
| 120 | 123 | Clay |

Utah Drilling & Supply Co Inc
Well Driller's Signature

1/14/2021
Date

Revised December, 1978 — DWR Form 602

DO NOT WRITE IN THIS SPACE

Registration No 6-66747 County Platte Date Filed August 11, 1981

# STATE OF NEBRASKA
# DEPARTMENT OF WATER RESOURCES
# WELL REGISTRATION

1 General information

A Connected well

Is this well connected to another well? [ ] Yes [X] No

If yes, give registration number of previously registered well _____

(If new installation consists of a series of wells with one outlet complete registration forms and driller's certificates for each and submit $7.50)

B Replacement well

Is this well to replace a permanently abandoned well? [ ] Yes [X] No

If yes, give registration number of abandoned well _____

C Permit No _____ (required only in a Ground Water Control Area)

Type of well to be registered (Check One)

[X] IRRIGATION
[ ] MUNICIPAL
[ ] INDUSTRIAL
[ ] Other _____

2 Name & address of well owner

Tony Klassen
RR 1
Lindsay, Ne.

Zip Code 68644 Phone (402) 428-4325

3 Name & address of well driller

Grosch Irrigation Co.
Albion, Ne.

Zip Code 68620 Phone (402) 395-6437

4 Location & purpose of the well

A Platte North Natural Resources District (Identify)

B SE ¼ of the SE ¼ of Section 34 Township 20, Range 3 [ ] E [X] W (check one)

Platte County

C The well is ~~2310~~ feet from the nearest municipal irrigation or industrial well. The nearest well is owned by [X] you [ ] someone other than you (check one)

D The well is intended to irrigate 140 acres of land and it is intended to irrigate all or parts of the following land _____

OR

E. The well shall be used for purposes of _____

5 Well and pump specifications

A. Pumping rate under normal conditions 600 gallons per minute

B Total well depth 222 feet

C Inside diameter of the casing 16 inches

D Static (non-pumping) water level in the well 91 feet below ground surface

E. Depth of water under normal pumping conditions 200 feet below ground surface

F Pump column Diameter 6 inches Length 200 feet

G The well was completed on or about April 23 19 81

MORE ON BACK

MORE ON BACK

Revised April, 1978

12

Registration No. 76-66747 County Platte Date Filed August 11, 1981

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

Permit No. ..... (required only in a control area)

Name & Address of well driller Grosen Irrigation Co.
Albion, Nc.

Well Location 19 Miles North Natural Resources District

SE¼ Quarter of the SE Quarter of Section 34, Township 20, Range 3 W

Platte County, and owned by Leon Wasson

Drilling & construction specifications

1. Date construction was begun Nov 3, 19 80
2. Date construction was completed April 27, 19 81
3. Diameter of the drilled hole 32 inches
4. Was the hole electronically logged? ☐ Yes ☒ No
5. How is drilled hole sealed (not sealed)? gravel packed to top sealed with bentonite
6. Well casing & screen. 100' screen, 122' plain, 1 base, 1 plug
(Give type of casing, lengths and vertical position of plain and slotted segments, slot or perforation size.)
7. Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1. Pumping rate 600 gallons per minute
2. Depth to water before pumping 91 feet
3. Depth to water 190 feet after pumping 240 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 72 | clay |
| 72 | 90 | fine sand & clay str. |
| 90 | 98 | sandy clay & sand str. |
| 98 | 105 | fine sand 7 |
| 105 | 125 | fine sand & sandy clay 11 |
| 125 | 131 | fine sand 6 |
| 131 | 154 | sandy clay |
| 154 | 161 | coarse sand & fine gravel 7 |
| 161 | 179 | sandy clay & sand str. |
| 179 | 181 | sand 2 |
| 181 | 186 | sandy clay |
| 186 | 195 | fine to med gravel 9 |
| 195 | 210 | fine to med gravel & occ clay layers 12 |
| 210 | 216 | sandy clay & gravel str. |
| 216 | 221 | fine to med gravel 5 |
| 221 | 225 | sandy clay |
| 225 | 240 | tough sandy clay, limestone & fine gravel str. |
| 240 | 255 | tough sticky clay |
| 255 | 270 | shale |

Grosch Irrigation Co. by April 27, 1961
Well Driller's Signature

Kevin Spike
Date

Revised December 1978 DWR Form 602

DO NOT WRITE IN THIS SPACE

1

Registration No G-65583 County Platte Date Filed 4-9-81

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES
WELL REGISTRATION

1 General information
A. Connected well
Is this well connected to another well? ☐ Yes ☒ No
If yes give registration number of previously registered well _____
(If new installation consists of a series of wells with one outlet complete registration forms and driller s certificates for each and submit $7 50)
B Replacement well
Is this well to replace a permanently abandoned well? ☐ Yes ☒ No
If yes, give registration number of abandoned well _____
C Permit No. _____ (required only in a Ground Water Control Area)

Type of well to be registered (Check One)
☒ IRRIGATION
☐ MUNICIPAL
☐ INDUSTRIAL
☐ Other _____

2 Name & address of well owner Louis Herchenbach RR1, Box 157
Lindsay, Ne.
Zip Code 68644 Phone (402) 428-4342

3 Name & address of well driller Grosch Irrigation Co.
Albion, Ne.
Zip Code 68620 Phone (402) 395-6437

4 Location & purpose of the well
A Lower Elkhorn 04 Natural Resources District (Identify)
B SE ¼ of the SE ¼ of Section 10 Township 20, Range 3 ☐ E ☒ W, (check one)
PLATTE County
C The well is 2500 feet from the nearest municipal, irrigation or industrial well The nearest well is owned by ☒ you ☐ someone other than you (check one)
D. The well is intended to irrigate 130 acres of land and it is intended to irrigate all or parts of the following land SE ¼ [illegible] Range 3-W
OR
E. The well shall be used for purposes of _____

5 Well and pump specifications
A. Pumping rate under normal conditions 700 gallons per minute.
B Total well depth 225 feet
C. Inside diameter of the casing 16 inches
D. Static (non-pumping) water level in the well 134 feet below ground surface
E. Depth of water under normal pumping conditions 180 feet below ground surface
F Pump column Diameter 8 inches Length 20 feet
G The well was completed on or about March 13 19 81

MORE ON BACK

MORE ON BACK

Revised April, 1978

Registration No G-65583 County Platte Date Filed 4-9-81

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller Grosch Irrigation Co.
Albion, Ne.

Well Location

04 Lower Elkhorn Natural Resources District

SE Quarter of the SE Quarter of Section 10, Township 20, Range 3-W

PLATTE County, and owned by Lyno Herkenbach

Drilling & construction specifications

1 Date construction was begun Jan 7, 19 81

2. Date construction was completed March 13, 19 81

3 Diameter of the drilled hole 32 inches

4 Was the hole electronically logged? ☐ Yes ☒ No

5 How is drilled hole sealed (not sealed)? gravel packed to top sealed with bentonite

6 Well casing & screen 165' plain, 60' screen, 1 base, 1 plug
(Give type of casing, lengths and vertical position of plain and slotted segments, slot or perforation size.)

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1. Pumping rate 1005 gallons per minute

2. Depth to water before pumping 134 feet

3. Depth to water 192 feet after pumping 240 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED | |
|---|---|---|---|
| 0 | 60 | clay | |
| 60 | 75 | clay & sand str. | |
| 75 | 83 | sandy clay | |
| 83 | 87 | sandy clay & sand layers | |
| 87 | 168 | sandy clay | |
| 168 | 192 | fine to med gravel | 24 |
| 192 | 212 | fine to med some coarse sand & clay layers | 9 |
| 212 | 222 | med to coarse sand | 10 |
| 222 | 225 | caker | |

Grosch Irrigation Co. by March 19, 1981

Well Driller's Signature: Kevin Spike

Date

R 01 B 1 R

DWR F 602

DO NOT WRITE IN THIS SPACE

3

Registration No G 63717 County Platte Date Filed /

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES
WELL REGISTRATION

1 General information

A Connected well

Is this well connected to another well? ☐ Yes ☐ No

If yes give registration number of previously registered well _____

(If new installation consists of a series of wells with one outlet complete registration forms and drillers certificates for each and submit $7.50)

B Replacement well

Is this well to replace a permanently abandoned well? ☐ Yes ☐ No

If yes give registration number of abandoned well _____

C Permit No _____ (required only in a Ground Water Control Area)

Type of well to be registered (Check One)

☐ IRRIGATION
☐ MUNICIPAL
☐ INDUSTRIAL
☐ Other _____ /

2 Name & address of well owner Leon Mertsching Lindsay NE

Zip Code 68644 Phone (402) 428-2534

3 Name & address of well driller

Grosch Irrigation Co., Inc.

Silver Creek, Nebraska

Zip Code 68663 Phone (308) 773-2251

4 Location & purpose of the well

A 19 Lower Platte North Natural Resources District (Identify)

B NE ¼ of the SW ¼ of Section 28 Township 20 Range 3W ☐ E ☐ W (check one)

Platte County

C The well is _____ feet from the nearest municipal irrigation or industrial well. The nearest well is owned by ☐ you (check 1) ☒ someone other than you

D The well is intended for irrigating 160 acres of land and it is intended to irrigate all or parts of the following land NE ¼ of SW ¼ of 28 - 20 - 3W

OR

E The well shall be used for purposes of raising grass

5 Well and pump specifications

A Pumping rate under normal conditions 1200 gallons per minute

B Total well depth 160 feet

C Inside diameter of the casing 16 inches

D Static (non pumping) water level in the well 24 feet below ground surface

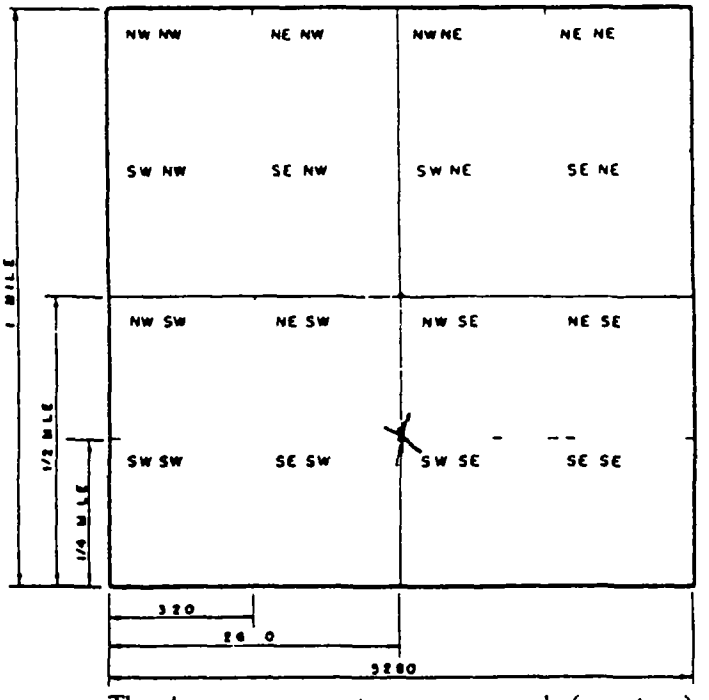
E Depth of water under normal pumping condition 80 feet below ground surface

F Pump column Diameter 8 inches Length 120 feet

G The well was completed on or about 11-6 19__

MORE ON BACK

(With an X mark the location of the well)




This drawing represents one square mile (a section)
**Each small subdivision is a 40 acre tract**

I certify that I am familiar with the information contained on this registration and that to the best of my knowledge and belief such information is true concise and accurate

Well Owner's Signature Date

Both a Well Registration and Driller's Certificate must be completed in triplicate and in full An incomplete or defective form will be returned A non refundable $7 50 fee (payable to the Director of Water Resources) must accompany your submittal No fee is required to register (1) a permitted well within a Ground Water Control Area (2) a well constructed to replace a previously registered well or (3) a well connected in a series with another well previously registered Forward to

State of Nebraska
Department of Water Resources
301 Centennial Mall South
P O Box 94676
Lincoln Nebraska 68509

R i d Ap i 1976

3

Registration No - 1717 County Date Filed / / ^

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller

Grosch Irrigation Co, Inc

Silver Creek, Nebraska 68663

Well Location Lower Platte North 19 Natural Resources District

NE Quarter of the SW Quarter of Section 28 Township 20 Range 3W

Platte County and owned by Leon J Matlischang

Drilling & construction specifications

1 Date construction was begun February 7 1980

2 Date construction was completed February 7 1980

3 Diameter of the drilled hole 3[illegible] inches

4 Was the hole electronically logged? ☐ Yes ☐ No

5 How is drilled hole sealed (not sealed)? Concrete Plug on bottom

Gravel packed bottom to top with one foot bentonite at four feet

6 Well casing & screen Concrete 0-65 Plain 65-165 Screen
(Give type of casing, lengths and vertical position of plain and slotted segment slot or perforation size)

165-166 Plug

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1 Pumping rate 1250 gallons per minute

2 Depth to water before pumping - feet

3 Depth to water 51 feet after pumping 100 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 4 | top soil |
| 4 | 45 | clay |
| 45 | 60 | clay and sand streaks |
| 60 | 70 | coarse sand and clay streaks |
| 70 | 90 | fine to medium gravel |
| 90 | 118 | fine to medium gravel with clay streaks |
| 118 | 129 | clay |
| 129 | 133 | coarse sand and fine gravel |
| 133 | 146 | clay and gravel streaks |
| 146 | 150 | fine to medium gravel with clay streaks |
| 150 | 163 | fine gravel and clay streaks |
| 163 | 180 | clay |

Grosch Irrigation Co , Inc. 4-2-80

Well Driller's Signature by JW Date

10 14
7 50

1

Revised April, 1976

Registration No G-58484 County Platte Date Filed 10-14-77

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? ☐ Yes ☒ No

If yes, give registration number of abandoned well

Permit No. ____ (required only in a control area)

☒ IRRIGATION

☐ MUNICIPAL

☐ INDUSTRIAL (Check One)

Name & Address of well owner: Clem Gr[illegible] Lhal
Lindsay [illegible]
Box [illegible]

Name & Address of well driller: Grosch I[illegible]ation Co, Inc.
Box 270
Albion, NE, 68620

Location of the well: (If installation consist of a series of wells with one outlet give details on a separate sheet.)

Lower Platte North (Give Name) Natural Resources District

Center - NE1/4 + SE1/4 Quarter of the ~~[illegible]~~ Quarter of Section 30 Township ~~St Edward~~ 20 Range SW

Platte County The well is 1[illegible] feet from the ~~east~~ west line and ~~3940~~ 2640

feet from the ~~west~~ north line of the section and is 175[illegible] feet from the nearest municipal, irrigation or industrial well

The well is intended for irrigation of all or parts of the following described land N 1/2 SE 1/4 + S 1/2 NE 1/4

Section 30 - 20 SW

(Quarter Section Township Range)

amounting to approximately 95 acres

Well and pump specifications

1 Pumping rate under normal conditions 12[illegible] gallons per minute

2 Total well depth 178 feet

3 Inside diameter of the casing 18 inches

4 Static (non pumping) water level in the well [illegible] feet below ground surface

5 Depth of water under normal pumping conditions 123 feet below ground surface

6 Pump column Diameter 8 inches Length 140 feet

7 The well was completed on or about [illegible] 1977

MORE ON BACK

MORE ON BACK

Revised April, 1976

1

Registration No G-58484 County Platte Date Filed 10-14-77

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No .. (required only in a control area)

Name & Address of well driller [illegible] o, Inc

[illegible]

Well Location

Lower Platte North Natural Resources District

N½ SE¼ Quarter of the S½ NE¼ Quarter of Section 30, Township 20, Range 3 W,

Platte County, and owned by Elm Gronenthal

Drilling & construction specifications

1 Date construction was begun June 30, 19 77

2. Date construction was completed July 1, 19 77

3. Diameter of the drilled hole 36 inches

4. Was the hole electronically logged? ☐ Yes ☒ No

5. How is drilled hole sealed (not sealed)? Concrete on bottom, gravel packed bottom to top.

6 Well casing & screen 18" Concrete C-86 1 screen to 1 Plain
(Give type of casing lengths and vertical position of plain and slotted segments, slot or perforation size.)
86-177 Plain, 177-178 Plug

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1. Pumping rate 1250 gallons per minute

2 Depth to water before pumping 96 feet

3 Depth to water 123 feet after pumping 240 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 45 | Clay |
| 45 | 60 | Clay & sand streaks |
| 60 | 75 | Clay & fine sand |
| 75 | 90 | Clay |
| 90 | 105 | Clay Fine sd & med gravel |
| 105 | 120 | Fine med gravel |
| 120 | 135 | Fine med gravel (45) |
| 135 | 150 | Fine med gravel |
| 150 | 164 | Clay |
| 164 | 169 | Fine med gravel (5) |
| 169 | 180 | Clay |
| 180 | 186 | Fine med gravel Clay (3) |
| 186 | 195 | Clay |
| 195 | 210 | Clay & fine med sand streaks (7) |
| 210 | 224 | Clay & fine med sand streaks (2) |
| 224 | 240 | Clay & Fine sand & gravel (8) |
| 240 | 255 | Clay |
| 255 | 270 | Shale |
| 270 | 271 | Rock |

Well Driller's Signature

9-23-77
Date

R d April 1976

3

Registration No G-56331 County Platte Date Filed 5-23-77

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? ☐ Yes ☒ No

If yes give registration number of abandoned well

Permit No .. .. (required only in a control area)

☐ IRRIGATION

☐ MUNICIPAL

☐ INDUSTRIAL (Check One)

Name & Address of well owner Earl Wegener

Earl Wegener
Route #1, Box 106
Humphrey, Nebr 68642

Name & Address of well driller

Grosch Irrigation Company, Inc.
P.O. Box 270
Albion, N 68620

Location of the well (If n t ll ti n i ts of sen f w ll w th ne outl t gi d t ls on sep rat sl eet)

Earl Wegener (G N m) Natural Resources District

SE Quarter of the SE Quarter of Section 7 Township 20 Range 3 west

Platte County The well is Platte feet from the 600 and 1200 line and

feet from the line of the section and is feet from the nearest municipal irrigation or industrial well

The well is intended for irrigation of all or parts of the following described land

S ½ of SE ¼ section 20 Range 3 west (G Qu t S ct m T wn hip Rang )

amounting to approximately 160 acres

Well and pump specifications

1 Pumping rate under normal conditions 1250 gallons per minute

2 Total well depth 182 feet

3 Inside diameter of the casing 18 inches

4 Static (non pumping) water level in the well 42 feet below ground surface

5 Depth of water under normal pumping conditions 62 feet below ground surface

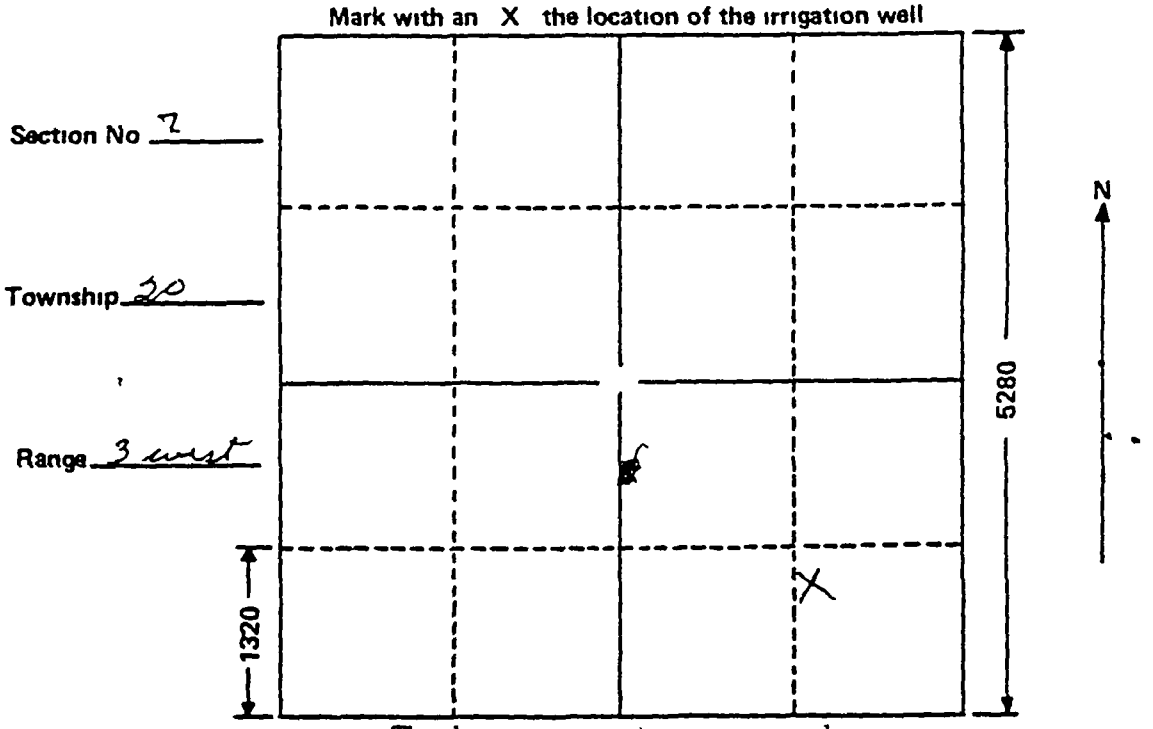
6 Pump column Diameter 8 5/8 inches Length 120 feet

7 The well was completed on or about March 8 1977

MORE ON BACK

MORE ON BACK

Mark with an X the location of the irrigation well




This drawing represents one square mile
Each small subdivision is a 40-acre tract

I certify that I am familiar with the information contained on this registration and that to the best of my knowledge and belief such information is true concise and accurate

Carl Wagner — May 19
Well Owner's Signature — Date

d 1976

3

gistration No G-56331 County Platte Date Filed 5-23-77

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller

Grosch Irrigation Company Inc.
P.O. Box 270
Albion, NE 68620

Well Location

Natural Resources District

Quarter of the S½ of SE¼ Quarter of Section 7 Township 20 Range 3 west

Platte County and owned by Carl Wegener

Drilling & construction specifications

1 Date construction was begun January 21 , 1977

2 Date construction was completed January 22 1977

3 Diameter of the drilled hole 36 inches

4 Was the hole electronically logged? ☐ Yes ☒ No

5 How is drilled hole sealed (not sealed)? Concrete on bottom, gravel packed from bottom to top

6 Well casing & screen 1-plng, 1-78 plain, 78-182 Screen, 181-182 Base
(Give type of casing, length and vertical position of plain and slotted segments, slot or perforation size)

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1 Pumping rate 1250 gallons per minute

2 Depth to water before pumping 42 feet

3 Depth to water 62 feet after pumping 90 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 75 | Clay |
| 75 | 106 | Med. brown sand |
| 06 | 116 | Blue Clay |
| 16 | 164 | Med. brown sand (48) |
| 64 | 170 | Fine blue sand (6) |
| 70 | 188 | med. fine gravel (12) |
| 188 | 200 | Med-coarse gravel (12) |
| 200 | 215 | Shale |
| | | Test #2 |
| | 40 | Clay |
| 0 | 50 | Clay & sand |
| 0 | 80 | Brown sand |
| 0 | 96 | Blue sand (16) |
| 6 | 120 | Blue Gravel (24) |
| 20 | 145 | Blue coarse sand (25) |
| 45 | 155 | Brown fine sharp sand (10) |
| 155 | 178 | Brown med. gravel (22) |
| 178 | 185 | Shale |

Teresa K Schwartz 4/12/77

Well Driller's Signature Date

R[illegible] 1976

1

Registration No G 36247 County [illegible] Date Filed 5-17-77

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? [ ] Yes [X] No

If yes give registration number of abandoned well

Permit No (required only in a control area)

[X] IRRIGATION
[ ] MUNICIPAL
[ ] INDUSTRIAL
(Check One)

Name & Address of well owner Tony Klassen
Rural Route #1
Lindsay, Neb 68644

Name & Address of well driller
GROSCH IRRIGATION COMPANY, INC.
P.O. Box 270
Albion, Ne 68620

Location of the well [illegible]

Tony Klassen

Natural Resources District

NW ¼ Quarter of the NE ¼ Quarter of Section 33 Township 20 Range 3 W

PLATTE County The well is ~~124~~ feet from the line and

feet from the line of the section and is feet from the nearest municipal, irrigation or industrial well

The well is intended for irrigation of all or parts of the following described land 105 acres

of the North part of NE ¼ [illegible] S 33 [illegible] 20 R3

amounting to approximately 105 acres

Well and pump specifications

1 Pumping rate under normal conditions 1250 gallons per minute

2 Total well depth 124 feet

3 Inside diameter of the casing 18 inches

4 Static (non pumping) water level in the well 11 feet below ground surface

5 Depth of water under normal pumping conditions 17 feet below ground surface

6 Pump column Diameter 8 5/8 inches Length 50 feet

7 The well was completed on or about March 5 19 77

MORE ON BACK

MORE ON BACK

Revised April, 1976

1

Registration No 3-5624 County Platte Date Filed 5-17-77

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller
GROSCH IRRIGATION COMPANY, INC.
P.O. Box 270
Albion, NE 68620

Well Location

.. Natural Resources District

Quarter of the Quarter of Section , Township .. .. , Range ,

County, and owned by

Drilling & construction specifications

1 Date construction was begun February 10 19 77

2 Date construction was completed Febraury 11 19 77

3 Diameter of the drilled hole 36 inches

4 Was the hole electronically logged? ☐ Yes ☒ No

5 How is drilled hole sealed (not sealed)? Concrete on bottom, gravel packed bottom to top

6 Well casing & screen 0-1 plug, 1-12 screen, 12-100 scren & plain 1.1, 100-123 plain
(Give type of casing, lengths and vertical position of plain and slotted segments, slot or perforation size.)
123-124 base

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1 Pumping rate 1250 gallons per minute

2 Depth to water before pumping 11 feet

3 Depth to water 17 feet after pumping 30 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 24 | Clayl |
| 24 | 120 | Fine medium gravel |

Well Driller's Signature

4/13/77
Date

4 25
7 50

1

R ised April, 1976

Registration No G-55961 County Platte Platte Date Filed 4-25-77

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? ☐ Yes ☒ No

If yes give registration number of abandoned well

Permit No (required only in a control area)

☒ IRRIGATION
☐ MUNICIPAL
☐ INDUSTRIAL
(Check One)

Name & Address of well owner
Glen L & Joan M Pfeifer
Lindsay Nebr 68644

Name & Address of well driller
Grosch Irrig. Co.
Box 270
Albion, NE 68620

Location of the well (If installation consist of [illegible] details on a separate sheet)

CENTER — NW 1/4 + NE 1/4 NW Platte (Give Name) Natural Resources District

~~[illegible]~~ Quarter of the ~~[illegible]~~ Quarter of Section 24 Township 20 N., Range 4 West of the 6th PM

Platte County The well is ~~[illegible]~~ 1320 feet from the South line and ~~[illegible]~~ 2640 feet from the East line of the section and is ~~[illegible]~~ feet from the nearest municipal, irrigation or industrial well

The well is intended for irrigation of all or parts of the following described land

E 1/2 NW 1/4 W 1/2 NE 1/4 24 20 N 4 West of the 6th PM
(Give Quarter Section Township, Range)

amounting to approximately 156 acres

Well and pump specifications

1 Pumping rate under normal conditions 1250 gallons per minute

2 Total well depth 118 feet

3 Inside diameter of the casing 18 inches

4 Static (non pumping) water level in the well 59 feet below ground surface

5 Depth of water under normal pumping conditions 82 feet below ground surface

6 Pump column Diameter 8-5/8 inches Length 100 feet

7 The well was completed on or about February 16 1977

MORE ON BACK

MORE ON BACK

Revised April 1976

1

Registration No G-55961 County Platte Platte Date Filed 4-25-77

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller

Grosch Irrig Co
Box 270
Albion, NE 68620

Well Location

4 NW Platte

Natural Resources District

E 1/2 NW 1/4 Quarter of the W 1/2 NE 1/4 Quarter of Section 24 Township 20N, Range 4 West of the 6th

Platte County and owned by [illegible]

Drilling & construction specifications

1. Date construction was begun December 16, 1976
2. Date construction was completed February 16, 1977
3. Diameter of the drilled hole 36 inches
4. Was the hole electronically logged? ☐ Yes XX No
5. How is drilled hole sealed (not sealed)? concrete on bottom, gravel packed bottom to top
6. Well casing & screen Ø 18" concrete, 0-52 screen, 52-117 plain, 117-118 base
(Give type of [illegible] length and [illegible] position of plain and slotted segments, slot or perforation size)
7. Is the well artifically gravel stabilized? XX Yes ☐ No

Pumping test information

1. Pumping rate 1250 gallons per minute
2. Depth to water before pumping 59 feet
3. Depth to water 82 feet after pumping 200 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 45 | clay |
| 45 | 63 | clay & sandstreaks |
| 63 | 115 | fine-med. gravel (52) |
| 115 | 135 | clay |
| 135 | 150 | yellow caker |

Mort Hobson
Well Driller's Signature

2-18 77
Date

d April 1976

Registration No G-55754 County Platte Date Filed 4-8-77

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller [illegible]

Well Location

Natural Resources District

Quarter of the Platte Quarter of Section [illegible] Township 20 Range 5W

County and owned by [illegible]

Drilling & construction specifications

1 Date construction was begun September 21 19 76

2 Date construction was completed September 22 1976

3 Diameter of the drilled hole 28 inches

4 Was the hole electronically logged? ☐ Yes ☐ No

5 How is drilled hole sealed (not sealed)? 1/3" to 1/4" Gravel Packed

6 Well casing & screen 52' Screen, Balance Plain
(Give type of casing, lengths and vertical position of plain and slotted segments slot or perforation size)

7 Is the well artifically gravel stabilized? ☑ Yes ☐ No

Pumping test information

1 Pumping rate 750 gallons per minute

2 Depth to water before pumping [illegible] feet

3 Depth to water 170 feet after pumping 60 minutes

DRILLING LOG ON BACK

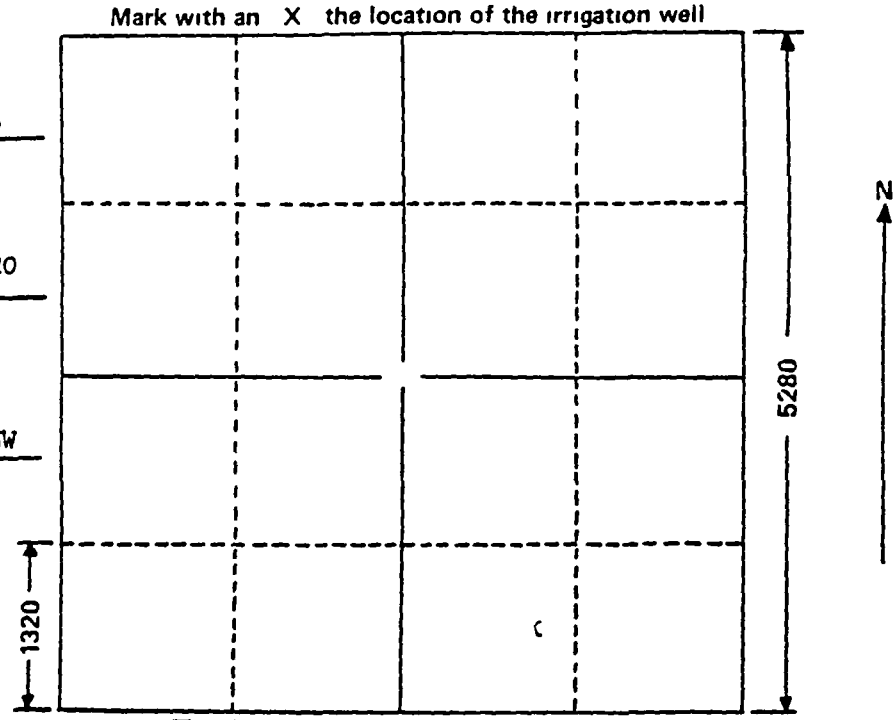
DRILLING LOG ON BACK

Mark with an X the location of the irrigation well

Section No 8

Township 20

Range 3W




This drawing represents one square mile
Each small subdivision is a 40 acre tract.

I certify that I am familiar with the information contained on this registration, and that to the best of my knowledge and belief such information is true concise and accurate

Harry Brumber

W ll Own r s Sign ture D te

Missing !

R u d Ap 1 1976

3

Registration No G-55/5 County Platte Date Filed 4-8-77

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? ☐ Yes ☐ No

If yes give registration number of abandoned well

Permit No (required only in a control area)

☑ IRRIGATION

☐ MUNICIPAL

☐ INDUSTRIAL (Check One)

Name & Address of well owner [illegible]

Name & Address of well driller
Staska Drilling & Supply Co , Inc
204 So. 6th
Albion, Nebraska 68620

Location of the well (If [illegible] consist [illegible] of well with on outlet [illegible] sep [illegible] sheet)

(G [illegible] Name)

Natural Resources District

Quarter of the Southeast Quarter of Section Township 20 Range 3W

Platte County The well is 1350 feet from the East line and 900 feet from the South line of the section and is feet from the nearest municipal irrigation or industrial well

The well is intended for irrigation of all or parts of the following described land

Southeast Quarter of Section 8, Township 20, Range 3W

(Gi Qu rt Secti n T wn h p R ng )

amounting to approximately 140 acres

Well and pump specifications

1 Pumping rate under normal conditions 75[illegible] gallons per minute

2 Total well depth 13[illegible] feet

3 Inside diameter of the casing [illegible] inches

4 Static (non pumping) water level in the well 130 feet below ground surface

5 Depth of water under normal pumping conditions 170 feet below ground surface

6 Pump column Diameter 9 inches Length 1[illegible] feet

7 The well was completed on or about September 22 1976

MORE ON BACK

MORE ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 72 | Yellow Clay |
| 72 | 86 | Sandy Clay |
| 86 | 92 | Yellow Clay |
| 92 | 147 | Sandy Clay |
| 147 | 151 | Sandy Clay & Gravel |
| 151 | 153 | Coarse Sand & Fine Gravel |
| 153 | 179 | Med Gravel |
| 179 | 182 | Sandy Clay |
| 182 | 186 | Fine Gravel |
| 186 | 188 | Clay |

Stanton Drilling & Supply Co Inc 1 26 77

Well Driller's Signature Date

Revised April 1976

3

Registration No G-54278 County Platte Date Filed 1-14-77

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? ☐ Yes ☒ No

If yes give registration number of abandoned well

Permit No (required only in a control area)

☒ IRRIGATION
☐ MUNICIPAL
☐ INDUSTRIAL (Check One)

Name & Address of well owner
Larry Beller
Lindsay
Nebraska

Name & Address of well driller
Staska Drilling & Supply Co , Inc.
204 No. 6th
Albion, Nebraska 68620

Location of the well (If installation consists of several wells with no outlet gate detail on separate sheet)

Lower Platte North (Give Name) Natural Resources District

Quarter of the NE Quarter of Section 20 Township 20 Range 3W

Platte County The well is 1320' feet from the North line and 1320 feet from the East line of the section and is 2650' feet from the nearest municipal irrigation or industrial well

The well is intended for irrigation of all or parts of the following described land above which is 160 acres plus 40 acres out of southeast quarter of section 20 T 20 R 3W (Give Quarter Section Township Range)

amounting to approximately 200 acres

Well and pump specifications

1 Pumping rate under normal conditions 100 gallons per minute

2 Total well depth 127 feet

3 Inside diameter of the casing 17 inches

4 Static (non pumping) water level in the well 76 feet below ground surface

5 Depth of water under normal pumping conditions feet below ground surface

6 Pump column Diameter 3 inches Length 100 feet

7 The well was completed on or about September 24 19 76

Platte Co , Sec. 20, T 20N , R 3W

MORE ON BACK

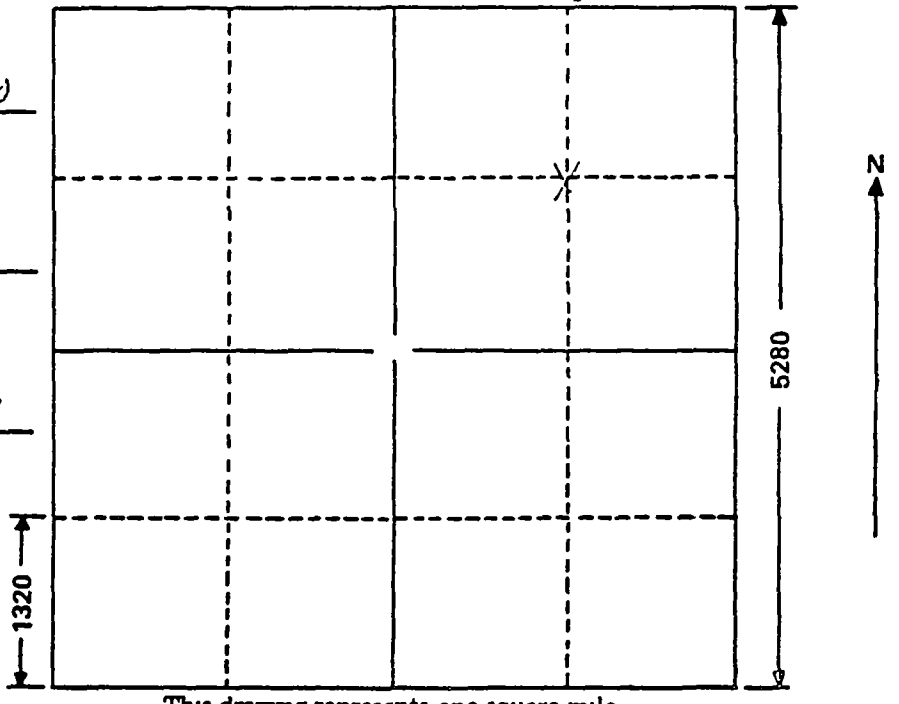
MORE ON BACK

Mark with an X the location of the irrigation well

Section No 20

Township 20

Range 3W




This drawing represents one square mile
Each small subdivision is a 40-acre tract

I certify that I am familiar with the information contained on this registration and that to the best of my knowledge and belief such information is true concise and accurate

Gary S Bedke
Well Owner's Signature

Oct. 9-76
Date

R vised April 1976

Registration No G-54278 County Platte Date Filed 1-14-77

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller Staska Drilling & Supply Co., Inc.
204 No. 6th
Albion, Nebraska

Well Location

Natural Resources District

Quarter of the Quarter of Section Township Range

County and owned by Larry Beller

Drilling & construction specifications

1 Date construction was begun September 23 19 76

2 Date construction was completed September 24 19 76

3 Diameter of the drilled hole 28 inches

4 Was the hole electronically logged? ☐ Yes ☒ No

5 How is drilled hole sealed (not sealed)? 1/8" to 1/4" Gravel Packed

6 Well casing & screen 52' Screen, Balance Plain
(Give type of casing lengths and vertical position of plain and slotted segments, slot or perforation size)

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1 Pumping rate 1000 gallons per minute

2 Depth to water before pumping 76 feet

3 Depth to water 96 feet after pumping 60 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 76 | Clay |
| 76 | 82 | Sandy Clay & Gravel |
| 82 | 127 | Gravel |
| 127 | 129 | Clay |

Well Driller's Signature

Date

1 3 77
7 30

1

Revised April, 1976

Registration No G-53961 County Platte Date Filed 1-3-77

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? ☐ Yes ☒ No

If yes, give registration number of abandoned well

Permit No ..... (required only in a control area)

☒ IRRIGATION
☐ MUNICIPAL
☐ INDUSTRIAL
(Check One)

Name & Address of well owner
HUSEMANN JOINT ACCOUNT (APARTNERSHIP)
626 SKYLINE DRIVE
CODY, WYOMING 82414

Name & Address of well driller
Grosch Irrigation
Silver Creek, Neb

Location of the well (If installation consist[illegible] on a separate sheet)

..... Natural Resources District
(Give Name)

..... Quarter of the SW Quarter of Section 6 Township 20, Range 3 W PM

PLATTE County The well is 1320 feet from the SOUTH line and 1320 feet from the WEST line of the section and is 2,640 feet from the nearest municipal, irrigation or industrial well.

The well is intended for irrigation of all or parts of the following described land SW QUARTER, SECTION 6, TOWNSHIP 20, RANGE 3 W PM
(Give Quarter, Section, Township, Range)

amounting to approximately 160 acres.

Well and pump specifications:

1. Pumping rate under normal conditions 800 gallons per minute
2. Total well depth 143 feet
3. Inside diameter of the casing 16 inches
4. Static (non-pumping) water level in the well 50 feet below ground surface
5. Depth of water under normal pumping conditions 120 feet below ground surface,
6. Pump column Diameter 6 inches Length 120 feet
7. The well was completed on or about September 7, 1976

MORE ON BACK

MORE ON BACK

Revised April, 1976

Registration No G-53961 County Platte Date Filed 1-3-77

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

Permit No ..... .. (required only in a control area)

Name & Address of well driller Grosch Irrigation
Silver Creek, Neb

Well Location

..... Natural Resources District

..... Quarter of the SW .. Quarter of Section 6 ...., Township 12 N, Range 3 W PM

Platte County County, and owned by Evelyn Quiter et al
operated by Huseman Joint
Account, a family partnership

Drilling & construction specifications

1. Date construction was begun July 21 ,1976
2. Date construction was completed July 22 ,1976
3. Diameter of the drilled hole 36 inches
4. Was the hole electronically logged? ☐ Yes ☒ No
5. How is drilled hole sealed (not sealed)? Concrete plug on bottom gravel packed bottom to top
6. Well casing & screen Concrete 0-83 Plain 83-142 Screen 142-143 Plug
(Give type of casing, lengths and vertical position of plain and slotted segments, slot or perforations size)
7. Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1. Pumping rate 800 gallons per minute
2. Depth to water before pumping 50 feet
3. Depth to water 50 feet after pumping 180 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| | | |

Revised April, 1976

Registration No G-52629 County Platte Date Filed 10-28-76

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? ☐ Yes ☒ No

If yes, give registration number of abandoned well

Permit No ... (required only in a control area)

☒ IRRIGATION

☐ MUNICIPAL

☐ INDUSTRIAL (Check One)

Name & Address of well owner
Don [illegible]
Lindsay, Nebraska 6[illegible]

Name & Address of well driller
Staska Drilling & Supply Co., Inc.
204 No. 6th
Albion, Nebraska

Location of the well (If installation consist of a series of well with one outlet give details on a separate sheet.)

Lower Platte North (Give Name) Natural Resources District

SE Quarter of the SW¼ Quarter of Section 1 Township 20, Range 4 W, Platte County The well is 24 feet from the east Fence line and 650' feet from the South line of the section and is ½ Mile feet from the nearest municipal irrigation or industrial well.

The well is intended for irrigation of all or parts of the following described land S½ SW¼ 1-20-4W

(Give Quarter Section Township Range)

amounting to approximately 80 acres

Well and pump specifications

1 Pumping rate under normal conditions 600 gallons per minute

2. Total well depth 120 feet

3 Inside diameter of the casing 17 inches

4 Static (non pumping) water level in the well 73 feet below ground surface

5 Depth of water under normal pumping conditions 90 feet below ground surface

6 Pump column Diameter 6 inches Length 102 feet

7 The well was completed on or about August 1 1976

MORE ON BACK MORE ON BACK

Revised April, 1976

Registration No G-52629 County Platte Date Filed 10-28-76

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

Permit No .. (required only in a control area)

**Name & Address of well driller**

Stasna Drilling Supply Co , Inc
204 No. 6th
Albion, Nebraska 68620

**Well Location**

Lower Platte North Natural Resources District

S½ Quarter of the SW¼ Quarter of Section 1 Township 20 , Range 4W

Platte County, and owned by Don Pfeifer

**Drilling & construction specifications**

1 **Date construction was begun** August 4 19 76

2 **Date construction was completed** August 22 1976

3. **Diameter of the drilled hole** 24 inches

4 **Was the hole electronically logged?** ☐ Yes ☒ No

5 **How is drilled hole sealed (not sealed)?** ½" to 1½" Gravel Packed

6 **Well casing & screen** 52' Screen, Balance Plain
(Give type of casing, lengths and vertical position of plain and slotted segments, slot or perforation size.)

7 **Is the well artifically gravel stabilized?** ☒ Yes ☐ No

**Pumping test information**

1 **Pumping rate** 600 gallons per minute

2 **Depth to water before pumping** 75 feet

3 **Depth to water** 90 .. feet after pumping 60 minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATFRIAL DRILLED |
|---|---|---|
| 0 | 10 | Sandy Clay |
| 10 | 37 | Clay |
| 37 | 47 | Clay |
| 47 | 67 | Sandy Clay |
| 67 | 71 | Sandy Clay |
| 71 | 74 | Gravel & Clay |
| 74 | 97 | Fine Gravel |
| 97 | 103 | Clay |
| 103 | 110 | Gravel |
| 110 | 120 | Gravel & Clay |

Alaska Drilling & Supply Co. Inc. 9-24-76

Well Driller's Signature Date

Revised April 1967
Irr 57 1

1

Registration No G-50758 County of Platte Date Filed 7-15-76

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I Emmet Wegner of Lindsay
(Name of Person registering well) (Post Office Address)

County of Platte State of Nebr do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Emmet Wegner of Street Lindsay (City Village) County of Platte State of

2nd. That the irrigation well is located on the SW Quarter of the SW Quarter of Section 31 Township 20 N., Range 3 W of the Sixth P M Platte County and is 1250 feet from the East line and 1275 feet from the South line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land SW¼ 31 20N 3W
(Gov Qua Sect Twp and R)

amounting in all to approximately 150 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 1250 gallons per minute

5th That the depth of the well is 214 feet measured from the surface of the ground

6th That the inside diameter of the casing is 16 inches

7th That the static water level in the well is 96 feet below ground surface

8th That the depth to water under normal pumping conditions is 118 (Pumping Lev l) feet below ground surface

9th That the diameter of the pump column is 8 inches That the diameter of the 4 (Give number of bowls) bowl or bowls is 12 M inches

10th That the type and size of impeller is as follows

Fairbanks + More 12M bowl A imp

11th That the well was completed on or about the 13 day of March 19 76

Revised April 1, 1988
LW 87-3

1

Registration No. G-50758 County of Platte Date Filed 7-15-76

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska do hereby certify that

1 I am the driller of a well located on the SW 1/4 Quarter, Section No 31

Township 20 N North, Range 3 owned by Emanuel Wagner

whose postoffice address is Fullerton State of Nebr

2. That the drilling was begun on the 10 day of February 19 76 and completed on the 11 day of February 19 76

3. That the well is cased and screened in the following manner Concrete (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)
0-114 Plain 114-213 Screen 213-214 Plug

4. That the diameter of drilled hole is 36 inches

5. That Reverse Rotary Action type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows Concrete plug on bottom gravel packed bottom to top

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 102 | clay |
| 102 | 147 | medium gravel |
| 147 | 158 | clay |
| 158 | 168 | coarse gravel |
| 168 | 179 | clay |
| 179 | 209 | medium gravel |
| 209 | 214 | baker |
| | | |
| | | |

Date Signed May 19, 1976

Grosch Irrigation
By (Driller) Janet Wilkes

(If more space is required please use reverse side of this page.)

Revised April 1967
Form 61-1

Registration No. G-50757 County of Platte Date Filed 7-15-76

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I, Emmet Wegener (Name of Person registering well) of Lindsay (Postoffice Address) Nebr

County of Platte State of Nebr, do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Emmet Wegener, of Street Lindsay (City or Village) County of Platte State of Nebr

2nd. That the irrigation well is located on the SE¼ Quarter of the ~~SW¼~~ SE¼ Quarter of Section 29 Township 20 N, Range R3 of the Sixth P M, Platte County and is 1280 feet from the South line and 1230 feet from the East line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land ~~S½ SE¼~~ (Give Quarter Section Township and Range) SW¼ of Section 29 20 N R3

amounting in all to approximately 140 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 1250 gallons per minute.

5th. That the depth of the well is 71 feet, measured from the surface of the ground.

6th. That the inside diameter of the casing is 14 inches.

7th. That the static water level in the well is 4 feet below ground surface.

8th. That the depth to water under normal pumping conditions is 35 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 8E inches That the diameter of the 5 (Give number of bowls) bowl or bowls is 11 M inches.

10th. That the type and size of impeller is as follows

Fairbanks & Morse - 11 M bowls - 3-767 + 2-227 imp

11th. That the well was completed on or about the 10 day of May, 19 76

Revised April 1, 1968
Rev. 57-3

1

Registration No. G-50757 County of Platte Date Filed 7-15-76

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation (Name of Driller) of Silver Creek (Postoffice Address)

County of Merrick State of Nebraska, do hereby certify that

1. I am the driller of a well located on the SE 1/4 Quarter Section No. 29 Township 20 North, Range 3, owned by Emmet Wegener whose postoffice address is Lindsay State of Nebr

2. That the drilling was begun on the 21 day of April, 1976 and completed on the 22 day of April, 1976

3. That the well is cased and screened in the following manner Concrete (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.) 0-31 Plain 31-70 Screen 70-71 Plug

4. That the diameter of drilled hole is 36 inches.

5. That Reverse Rottory Action type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows Concrete plug on bottom gravel packed bottom to top

7 That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 13 | clay silty |
| 13 | 20 | clay |
| 20 | 71 | sand and gravel |

Date Signed May 25, 1976 Grosch Irrigation

(If more space is required please use reverse side of this page) By Janet Willets

Revised April 1976

Registration No C-50378 County Platte Date Filed 6-25-76

STATE OF NEBRASKA
WELL REGISTRATION

Is this a replacement well? ☐ Yes ☑ No

If yes give registration number of abandoned well

Permit No (required only in a control area)

Name & Address of well owner Leon Martischang
Lindsay, Nebraska

Name & Address of well driller

☑ IRRIGATION
☐ MUNICIPAL
☐ INDUSTRIAL
(Check One)

Location of the well (If installation consists of series of wells with one outlet, give data on separate sheet)

Lower Platte (Give Name) Natural Resources District

NE Quarter of the NE Quarter of Section 17 Township ~~SB~~ 20 Range 3W

Platte County The well is 1320 feet from the EAST line and 1320 feet from the South line of the section and is 3000 feet from the nearest municipal irrigation or industrial well

The well is intended for irrigation of all or parts of the following described land

NE ¼ of NE ¼ of Section 17 of Township SB 20, Rg 3W
(Give Quarter Section Township Range)

amounting to approximately 160 acres

Well and pump specifications

1 Pumping rate under normal conditions 1250 gallons per minute

2 Total well depth 110 feet

3 Inside diameter of the casing 6 inches

4 Static (non pumping) water level in the well 11 feet below ground surface

5 Depth of water under normal pumping conditions 17 feet below ground surface

6 Pump column Diameter inches Length feet

7 The well was completed on or about June 22 1976

MORE ON BACK

MORE ON BACK

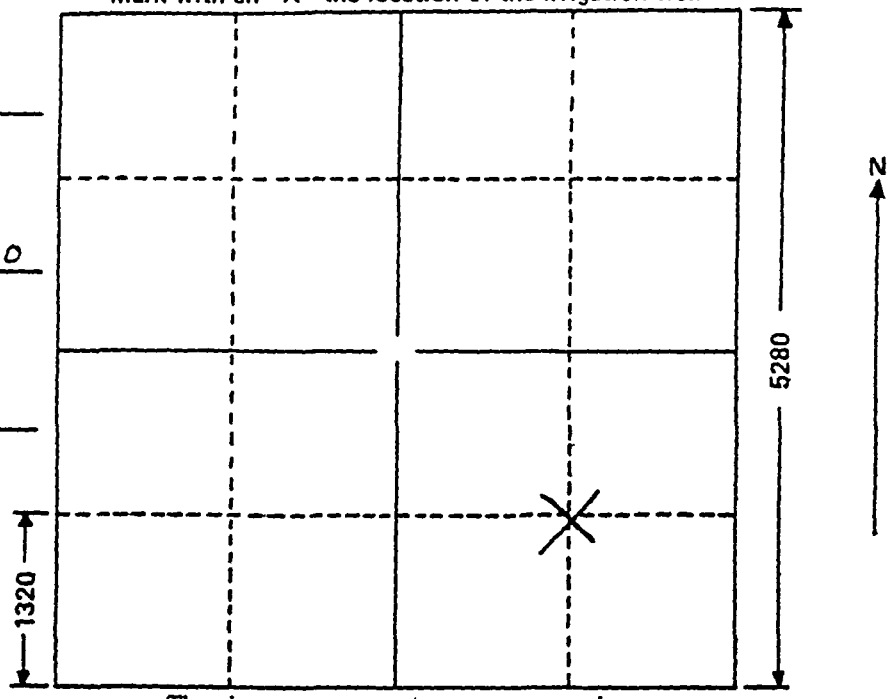
NE, Sec 17, T 20N, R 3W 6PM

Mark with an X the location of the irrigation well

Section No 17

Township SB 20

Range 3W




This drawing represents one square mile
Each small subdivision is a 40-acre tract.

I certify that I am familiar with the information contained on this registration and that to the best of my knowledge and belief such information is true concise and accurate

Leon Martzichong
Well Owner s Sign ture

6/24/76
Date

Revised April 1976

Registration No [illegible]-50378 County Platte Date Filed 0-25-76

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No (required only in a control area)

Name & Address of well driller

[illegible]

Well Location

Lower Platte Natural Resources District

NE Quarter of the NE Quarter of Section 17 Township 20 Range 3W

Platte County and owned by Leon Martischang

Drilling & construction specifications

1 Date construction was begun [illegible] 17 19[illegible]

2. Date construction was completed [illegible] 19[illegible]

3 Diameter of the drilled hole [illegible] inches

4 Was the hole electronically logged? ☐ Yes ☒ No

5 How is drilled hole sealed (not sealed)? [illegible] bottom [illegible] bottom [illegible]

6. Well casing & screen [illegible] (Give type of casing lengths and vertical position of plain and slotted segments, slot or perforation size)

[illegible]

7 Is the well artifically gravel stabilized? ☒ Yes ☐ No

Pumping test information

1 Pumping rate [illegible] gallons per minute

2. Depth to water before pumping [illegible] feet

3 Depth to water [illegible] feet after pumping [illegible] minutes

DRILLING LOG ON BACK

DRILLING LOG ON BACK

# DRILLING LOG

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 44 | clay |
| 44 | 118 | Clay few sand streaks |
| 118 | 171 | medium red gravel |
| 171 | 195 | Clay to coker |

Gresch Irrigation
Well Driller's Signature

June 17 1976
Date

By Jarct Willits

Revised April 1967
Irr 67 1

3

Registration No C-47327 County of Platte Date Filed Oct 27, 1975

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I Allan Keller (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Allan Keller of Street Lindsay (City or Village) County of Platte State of Nebraska

2nd That the irrigation well is located on the Quarter of the SW Quarter of Section 9 Township 20N Range 3W of the Sixth P M Platte County and is 660 feet from the South line and 660 feet from the East line of said tract.

3rd That the well was installed with the intention of irrigating all or parts of the following described land South East Quarter of Section 9, Township 20, Range 3W (Give Quarter Section Township and Range)

amounting in all to approximately 160 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th. That the capacity of said well under normal operating conditions is 600 gallons per minute

5th That the depth of the well is 206 feet measured from the surface of the ground

6th That the inside diameter of the casing is 17 inches

7th. That the static water level in the well is 1 feet below ground surface

8th That the depth to water under normal pumping conditions is 190 (Pumping Level) feet below ground surface

9th That the diameter of the pump column is inches That the diameter of the (Give number of bowl) bowl or bowls is 16 inches

10th That the type and size of impeller is as follows

11th That the well was completed on or about the 16 day of September 19 75

Platte Co, Sec 9, T 20N, R 3W

Revised April 1967
Irr 67-2.

3

12th. That attached hereto are three copies of the log of the well certified to by the driller of the well.

13th That the driller of this well is [illegible] whose address is 234 No. 6th, Albion, Nebraska

14th That the name of the tenant or operator if other than the owner is [illegible] whose address is [illegible]

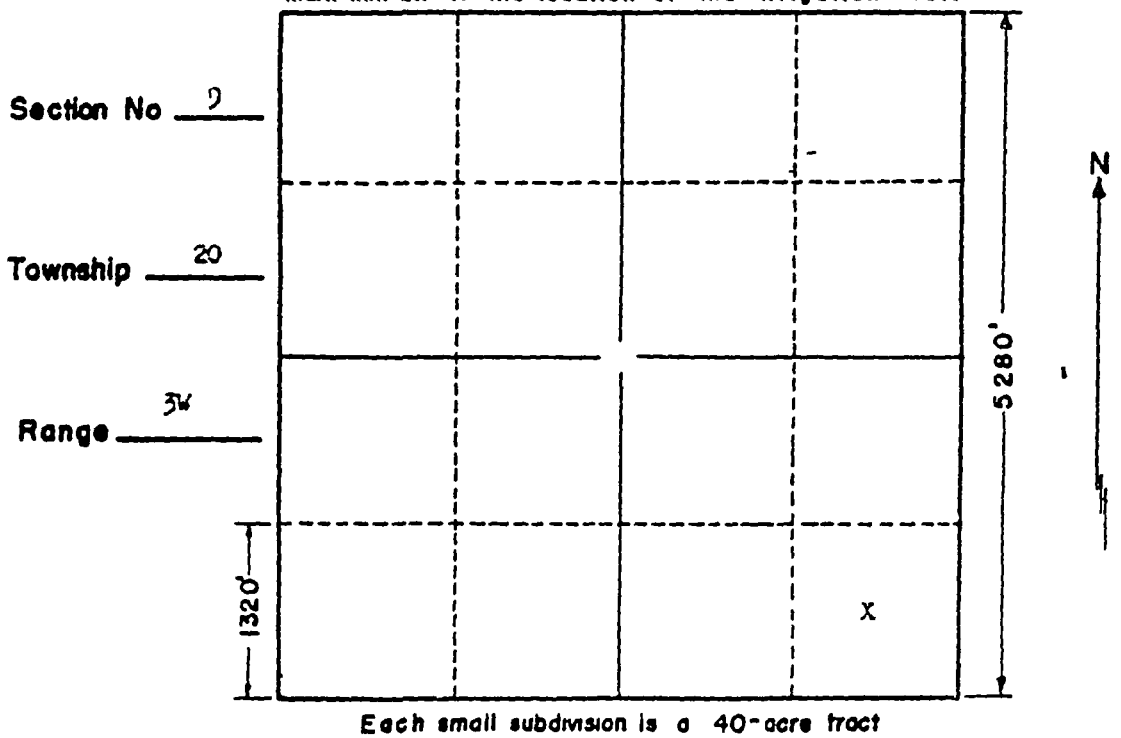
15th. That the relation which the subscriber to this instrument bears to said registrant is that of owner
(State whether owner tenant or agent for land on which well is located)

and that he is authorized to sign this instrument in behalf of the interest affected.

Signed Alan Bell

Dated 10 24 75

This drawing represents one Section
Mark with an "X" the location of the irrigation well




Each small subdivision is a 40-acre tract

State of Nebraska
Department of Water Resources } ss

This instrument was filed for record at 10 o clock A M. on the 27th day of October 19 75

Director of Water Resources

3

Revised April 1, 1966
Irr 87-3

Registration No. C-47[illegible]7 County of Platt Date Filed Oct. 27, 1975

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Staska [illegible] Supply Co., Inc. of [illegible] Albion
(Name of Driller) (Postoffice Address)

County of [illegible] State of [illegible] do hereby certify that

1 I am the driller of a well located on the [illegible] east Quarter Section No 9

Township 20 North, Range 3 owned by [illegible]

whose postoffice address is [illegible] State of [illegible]

2. That the drilling was begun on the 13 day of [illegible] 19 7[illegible] and completed on the 14 day of August 19 75

3 That the well is cased and screened in the following manner 20' Steel Screen 13' Johnson Screen, Balance Plain
(Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 25 inches.

5 That Reverse [illegible] type of drilling machinery was used.

6. That the drilled hole is/is not sealed as follows 1/[illegible] to 1/4' Gravel Packed

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 55 | Clay |
| 55 | 170 | Sandy Clay |
| 170 | 174 | Very Sandy Clay |
| 174 | 177 | Fine to Coarse Sand |
| 177 | 193 | [illegible] Gravel Little [illegible] Gravel |
| 193 | 206 | [illegible] Gravel & Fine |
| 206 | 208 | Clay |

Date Signed 12 24 75

Staska Drilling & Supply Co.
Driller

(If more space is required please use reverse side of this page)

Revised April 1967
Form 67-1

10 1 501

Registration No. G-47192 County of Platte Date Filed Oct 15, 1975

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I, Eugene Wiese (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Eugene Wiese of Street Lindsay (City or Village) County of Platte State of Nebraska.

2nd. That the irrigation well is located on the Quarter of the NE Quarter of Section 1 Township 20 Range 4W of the Sixth P M Platte County and is 1320 feet from the North line and 1320 feet from the East line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land Northeast Quarter of Section 1, Township 20, Range 4W (Give Quarter Section Township and Range)

amounting in all to approximately 160 acres.

(If installation consists of a battery of wells with one outlet, give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 650 gallons per minute.

5th. That the depth of the well is 132 feet measured from the surface of the ground.

6th. That the inside diameter of the casing is 17 inches.

7th. That the static water level in the well is 15 feet below ground surface

8th. That the depth to water under normal pumping conditions is 145 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 6 inches That the diameter of the 9 (Give number of bowls) bowl or bowls is 10 inches.

10th. That the type and size of impeller is as follows

KEN

11th. That the well was completed on or about the 29 day of September 19 75

Revised April 1, 1968
Irr 87-3

1

Registration No. G-47192 County of Platte Date Filed Oct. 15, 1975

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

I, Staska Drilling & Supply Co., Inc. (Name of Driller) of [illegible] Ave. 4th, Albion, Nebraska 68620 (Postoffice Address)

County of Boone State of Nebraska do hereby certify that

1. I am the driller of a well located on the Northeast Quarter Section No 1 Township 20 North, Range 4W, owned by [illegible] whose postoffice address is Linden State of Nebraska

2. That the drilling was begun on the 28 day of September, 19 75 and completed on the 29 day of September 19 75

3. That the well is cased and screened in the following manner 52' Screen, Balance Plain (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is [illegible] inches.

5. That Reverse Rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows 1/ " to 1/4" Gravel Packed

7 That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 40 | Clay |
| 40 | 80 | Sandy Clay |
| 80 | 138 | Clay |
| 138 | 140 | Clay & Gravel |
| 140 | 153 | Fine Gravel |
| 153 | 164 | Med. Gravel |
| 164 | 170 | Sandy Clay |
| 170 | 178 | Sandstone & Little Clay |
| 178 | 183 | Sandy Clay |

Date Signed 10-14 75

Staska Drilling & Supply Co. Inc.
Driller

(If more space is required please use reverse side of this page.)

9 4-75
7 50

Revised April 1967
Rev. 53-1

Registration No. G-46653 County of Platte Date Filed September 4, 1975

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Dwane Lindhorst (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska, do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Dwayne Lindhorst, of Street Lindsay (City or Village) County of Platte State of Nebraska

2nd. That the irrigation well is located on the Quarter of the SE Quarter of Section 25 Township 20, Range 4 N of the Sixth P M. Platte County and is 1320 feet from the South line and 1320 feet from the West line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land: South east Quarter of Section 25, Township 20, Range 4 N (Give Quarter Section Township and Range)

amounting in all to approximately 160 acres.

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 600 gallons per minute.

5th. That the depth of the well is 158 feet, measured from the surface of the ground.

6th. That the inside diameter of the casing is 28 inches.

7th. That the static water level in the well is 82 feet below ground surface.

8th. That the depth to water under normal pumping conditions is 140 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 6 inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 10 inches.

10th. That the type and size of impeller is as follows

XEH

11th. That the well was completed on or about the 8 day of August, 1975

Registration No. G-46653 County of Platte Date Filed September 4, 1975

# STATE OF NEBRASKA
# CERTIFICATE OF WELL DRILLER

I, Staska Drilling & Supply Co., Inc. (Name of Driller) of 204 No. 6th, (Postoffice Address)

County of Boone State of Nebraska, do hereby certify that

1. I am the driller of a well located on the Northeast Quarter, Section No. 25 Township 2 North, Range 4N, owned by Dwayne Lindhorst whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 7 day of August, 1975, and completed on the 8 day of August, 1975

3. That the well is cased and screened in the following manner 52' Screen, Balance Plain (Give kind of casing, lengths and position of plain and [illegible] casing, etc.)

4. That the diameter of drilled hole is 28 inches.

5. That Reverse Rotary type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows 1/8" to 1/4" Gravel Packed

7. That the following is an accurate log of the depth, thickness and character of the different strata [illegible], and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 52 | Yellow Clay |
| 52 | 55 | Sand Clay |
| 55 | 78 | Yellow Clay |
| 78 | 119 | Sandy Clay & Coarse Sand |
| 119 | 122 | Hard Sand & Gravel |
| 122 | 156 | Gravel |
| 156 | 158 | Clay |

Date Signed 9-3-75

Staska Drilling & Supply Co. Inc.
Driller

(If more space is required please use reverse side of this page.)

Revised April 1967
Irr 87-1

1

Registration No. G-46005 County of Platte Date Filed August 13, 1975

STATE OF NEBRASKA
IRRIGATION WELL REGISTRATION

I, Bertha Wiese (Name of Person registering well) of Lindsay Nebr (Postoffice Address)

County of Platte State of Nebraska, do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Bertha Wiese, of Lindsay Street (City or Village) County of Platte

State of

2nd. That the irrigation well is located on the North East 1/4 Quarter of the Quarter of Section 31 Township 20, Range 3W of the Sixth P M Platte County and is 1320 feet from the north line and 30 feet from the west line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land NE 1/4 and E 1/2 NW 1/4 - 20 - 3W (Give Quart Section Township and Range)

amounting in all to approximately 240 acres.

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 1250 gallons per minute.

5th. That the depth of the well is 156 feet, measured from the surface of the ground.

6th. That the inside diameter of the casing is 18 inches.

7th. That the static water level in the well is 60 feet below ground surface.

8th. That the depth to water under normal pumping conditions is 114 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 8 5/8 inches That the diameter of the 7 (Give number of bowls) bowl or bowls is 12 inches.

10th. That the type and size of impeller is as follows

Western Land Roller bowl 12 B, impeller H,

11th. That the well was completed on or about the 10 day of July, 1975

1

Revised April 1, 1965

Registration No. G-46005 County of Platte Date Filed August 13, 1975

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Grosch Irrigation Co., Inc of Albion
(Name of Driller) (Postoffice Address)

County of Boone State of ebraska do hereby certify that

1. I am the driller of a well located on the Quarter, Section No.

Township North, Range , owned by

whose postoffice address is State of

2. That the drilling was begun on the 18 day of March, 1975, and completed on the 19 day of March, 1975

3. That the well is cased and screened in the following manner 18" concrete, 0-8 screen, 8-72 1 screen to 1 plain, 72-154 plain, 154-156 plug.
(Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 36 inches.

5. That Reverse Rottory Action type of drilling machinery was used.

6. That the drilled hole is/is not sealed, as follows Concrete on bottom, gravel packed bottom to top.

7. That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 15 | top & clay |
| 15 | 64 | clay |
| 64 | 101 | fine-med. gravel |
| 101 | 109 | clay |
| 109 | 129 | fine-med gravel |
| 129 | 134 | clay |
| 134 | 150 | fine-med. gravel |
| 150 | 166 | clay |
| 166 | 170 | fine blue sand |
| 170 | 180 | blue clay & yellow oaker |

Date Signed August 6, 1975 Grosch Irrigation Co., by Mort Grosch
Driller

(If more space is required please use reverse side of this page) Mort Grosch

Revised April 1967
Rev. 67-1

Y-12 75

1

Registration No. G-45983 County of Platte Date Filed August 12, 1975

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I, Art Korth (Name of Person registering well) of Lindsay (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Art Korth

of Street Lindsay (City or Village) County of Platte

State of Nebraska

2nd. That the irrigation well is located on the Quarter of the NW Quarter of Section 10

Township 20, Range 3 of the Sixth P M Platte County and is 1320

feet from the North line and 1320 feet from the West line of said tract.

3rd. That the well was installed with the intention of irrigating all or parts of the following described land Northwest Quarter of Section 10, Township 20, Range 3, also Section 3, (Give Quarter Section Township and Range)

Township 20, Range 3

amounting in all to approximately 240 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto.)

4th. That the capacity of said well under normal operating conditions is 600 gallons per minute.

5th. That the depth of the well is 256 feet measured from the surface of the ground.

6th. That the inside diameter of the casing is 17 inches.

7th. That the static water level in the well is 120 feet below ground surface

8th. That the depth to water under normal pumping conditions is 140 (Pumping Level) feet below ground surface.

9th. That the diameter of the pump column is 6 inches That the diameter of the 6 (Give number of bowls) bowl or bowls is 10 inches.

10th. That the type and size of impeller is as follows

KEH

11th. That the well was completed on or about the 6 day of May 19 75

Revised April 1, 1969
Rev. 67-1

1

Registration No. G-45983 County of Platte Date Filed August 12, 1975

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Art Korth (Name of Driller) of Lindsay (Postoffice Address)

County of Platte State of Nebraska, do hereby certify that

1. I am the driller of a well located on the Northwest Quarter, Section No 10 Township 20 North, Range 3, owned by Art Korth whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 5 day of June, 1975 and completed on the 6 day of June, 1975

3. That the well is cased and screened in the following manner 39' Screen, Balance Plain (Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 28 inches

5. That Reverse Rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed, as follows 1/8" to 1/4" Gravel Packed

7 That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 3 | Top Soil |
| 3 | 45 | Gray Clay |
| 45 | 60 | Blue Clay |
| 60 | 110 | Brown Clay |
| 110 | 115 | Sandy Clay |
| 115 | 124 | Gray Clay |
| 124 | 126 | Clay & Gravel |
| 126 | 155 | Medium Gravel |
| 155 | 158 | White Clay |

Date Signed 8 7-75

Stasha Drilling & Supply Co, Inc
Driller

(If more space is required please use reverse side of this page.)

Revised April 1967
Irr 67-1

3

Registration No G-45177 County of Platte Date Filed June 25, 1973

# STATE OF NEBRASKA
# IRRIGATION WELL REGISTRATION

I Larry Zoller (Name of Person registering well) of Duncan (Postoffice Address)

County of Platte State of Nebraska do hereby certify

1st. That the name of the owner of the land upon which the irrigation well is located is Larry Zoller of Street Duncan (City or Village) County of Platte State of Nebraska

2nd. That the irrigation well is located on the SW Quarter of the SW Quarter of Section 19 Township 20 N Range 3W of the Sixth P M Platte County and is 1320 feet from the South line and 1320 feet from the East line of said tract

3rd That the well was installed with the intention of irrigating all or parts of the following described land Southeast Quarter of Section 19, Township 20, Range 3W (Give Quarter Section Township and Range)
Also NE of NW of Section 19, Township 20, Range 3
amounting in all to approximately 21 acres

(If installation consists of a battery of wells with one outlet give details on a sheet to be attached hereto)

4th That the capacity of said well under normal operating conditions is 1000 gallons per minute

5th That the depth of the well is 101 feet, measured from the surface of the ground

6th. That the inside diameter of the casing is 17 inches

7th That the static water level in the well is 40 feet below ground surface

8th That the depth to water under normal pumping conditions is (Pumping Level) feet below ground surface

9th. That the diameter of the pump column is 8 inches That the diameter of the (Give number of bowl) bowl or bowls is 12 inches

10th That the type and size of impeller is as follows

11th That the well was completed on or about the 4th day of August 19 74

Sec 19, T 20N, R 3W, Platte Co

Revised April 1947
Irr 67-2

3

12th. That attached hereto are three copies of the log of the well certified to by the driller of the well.

13th. That the driller of this well is [illegible] whose address is 204 No 6th, Albion, ebraska 68620

14th That the name of the tenant or operator if other than the owner is _____

_____ whose address is _____

15th. That the relation which the subscriber to this instrument bears to said registrant is that of Owner

(State whether owner tenant or agent for land on which well is located)

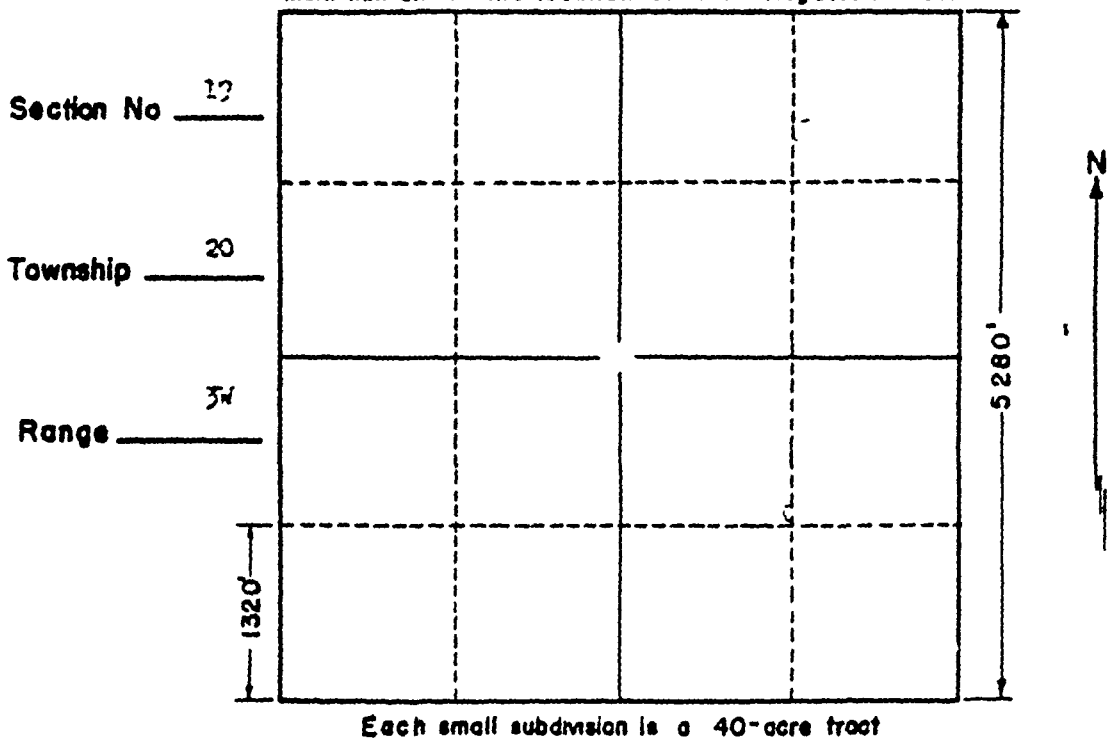
and that he is authorized to sign this instrument in behalf of the interest affected.

Signed Larry S Ball

Dated 6 24 75

This drawing represents one Section

Mark with an "X" the location of the irrigation well




Each small subdivision is a 40-acre tract

State of Nebraska

[illegible]partment of Water Resources } ss

This instrument was filed for record at 10 o clock A M. on the 25th day of June 19 75

M E Ball

3

Revised April 1, 1966
Irr 87-3

Registration No. G-45177 County of Platte Date Filed June 25, 1975

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Staska Drilling & Supply Co., Inc. of ~~235~~ 204 [illegible] 6th
(Name of Driller) (Postoffice Address)

County of Boone State of Nebraska do hereby certify that

1 I am the driller of a well located on the South east Quarter Section No. 19

Township 20 North, Range 3W owned by Larry Beller

whose postoffice address is Lindsay State of Nebraska

2. That the drilling was begun on the 29 day of August 19 74 and completed on the 30 day of August 19 74

3. That the well is cased and screened in the following manner 52' Screen, Balance Plain
(Give kind of casing, lengths and position of plain and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 20 inches

5. That Reverse Rotary type of drilling machinery was used

6. That the drilled hole is/is not sealed as follows 1/8" to 1/4" Gravel Packed

7 That the following is an accurate log of the depth thickness and character of the different strata penetrated, and the location of water-bearing strata

| DEPTH IN FEET FROM | TO | MATERIAL DRILLED |
|---|---|---|
| 0 | 36 | Yellow Clay |
| 36 | 40 | Gray Clay |
| 40 | 45 | Fine Sand & Gravel |
| 45 | 50 | Medium Gravel & Sandy Clay |
| 50 | 89 | Medium Gravel |
| 89 | 92 | Clay |
| 92 | 96 | Gravel & Clay |
| 96 | 103 | Clay |

Date Signed 6-11-75

Staska Drilling & Supply Co. Inc.
Driller

(If more space is required please use reverse side of this page.)

## APPENDIX II

GRAIN SIZE DISTRIBUTION OF GEOLOGIC SAMPLES

## APPENDIX II

A MW89-12 through MW89-15

FILE 16657-002-005

BY CAS DATE 1/9/90

CHECKED BY WJS DATE 1/10/90

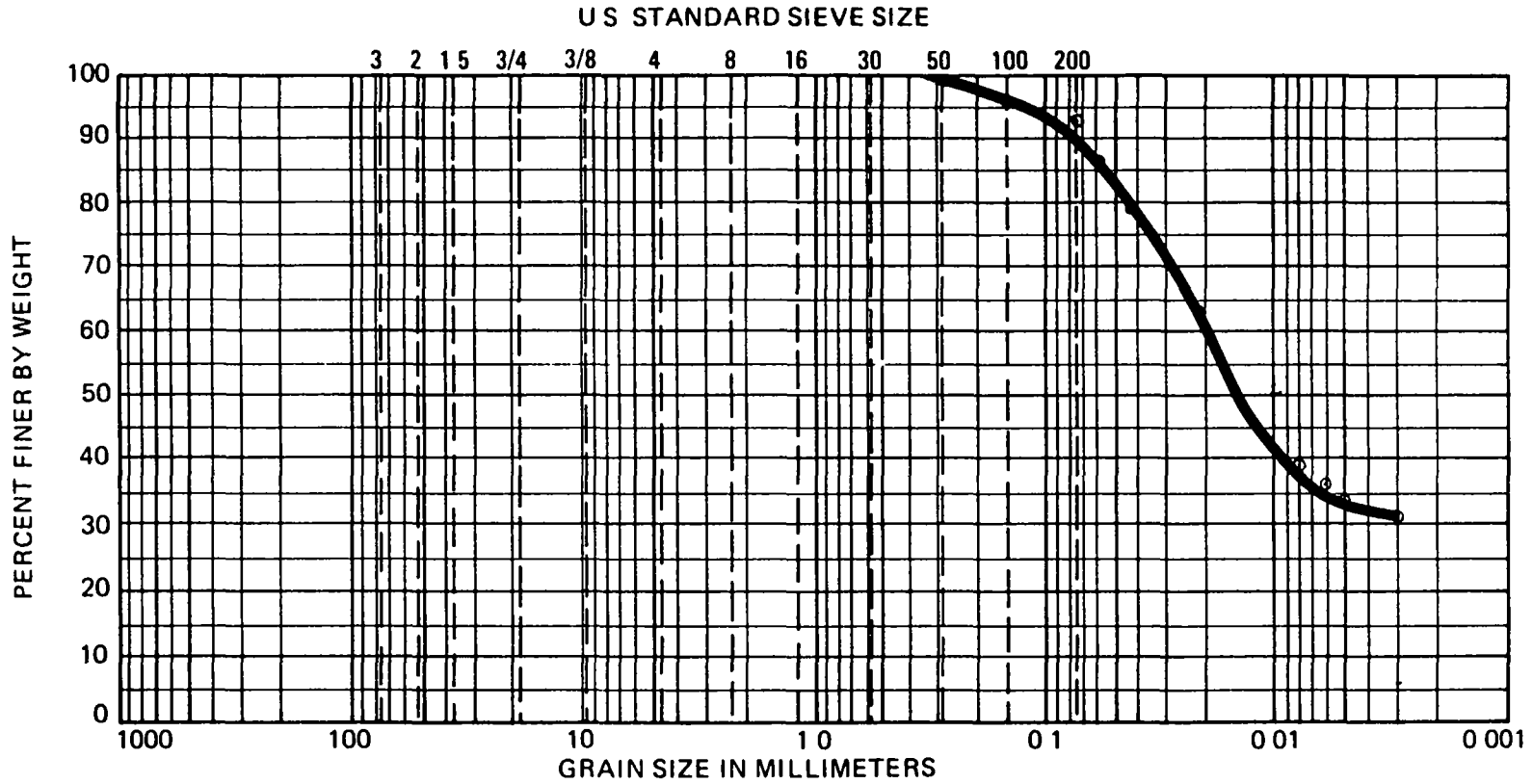
REVISIONS

BY DATE

BY DATE

PLATE OF

757 9 (5 75)




| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | |

| | DEPTH | | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|---|
| MW89 12 | 10ft | | clayey silt | 37 9% | | | | |

# GRADATION CURVE

Dames & Moore

PLATE

FILE 16657-002-005

BY CAS DATE 11/5/90

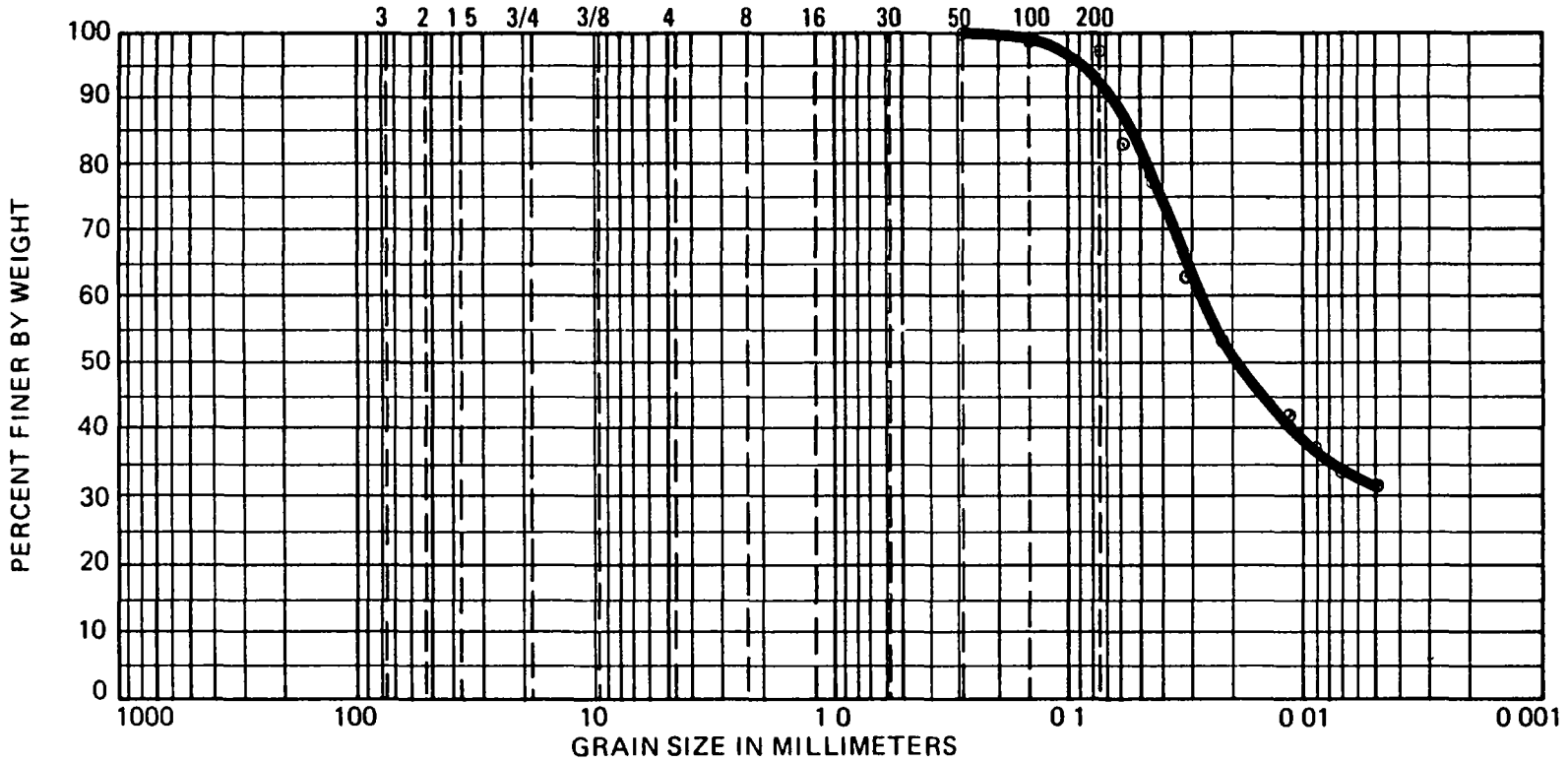
CHECKED BY WJS DATE 11/5/90

REVISIONS

BY DATE

BY DATE

PLATE OF




| | DEPTH | | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|---|
| MW89-12 | 20ft | | silty clay | 40% | | | | |

# GRADATION CURVE

Dames & Moore

PLATE

FILE 16657 002-005

BY CAS DATE 1/4/90

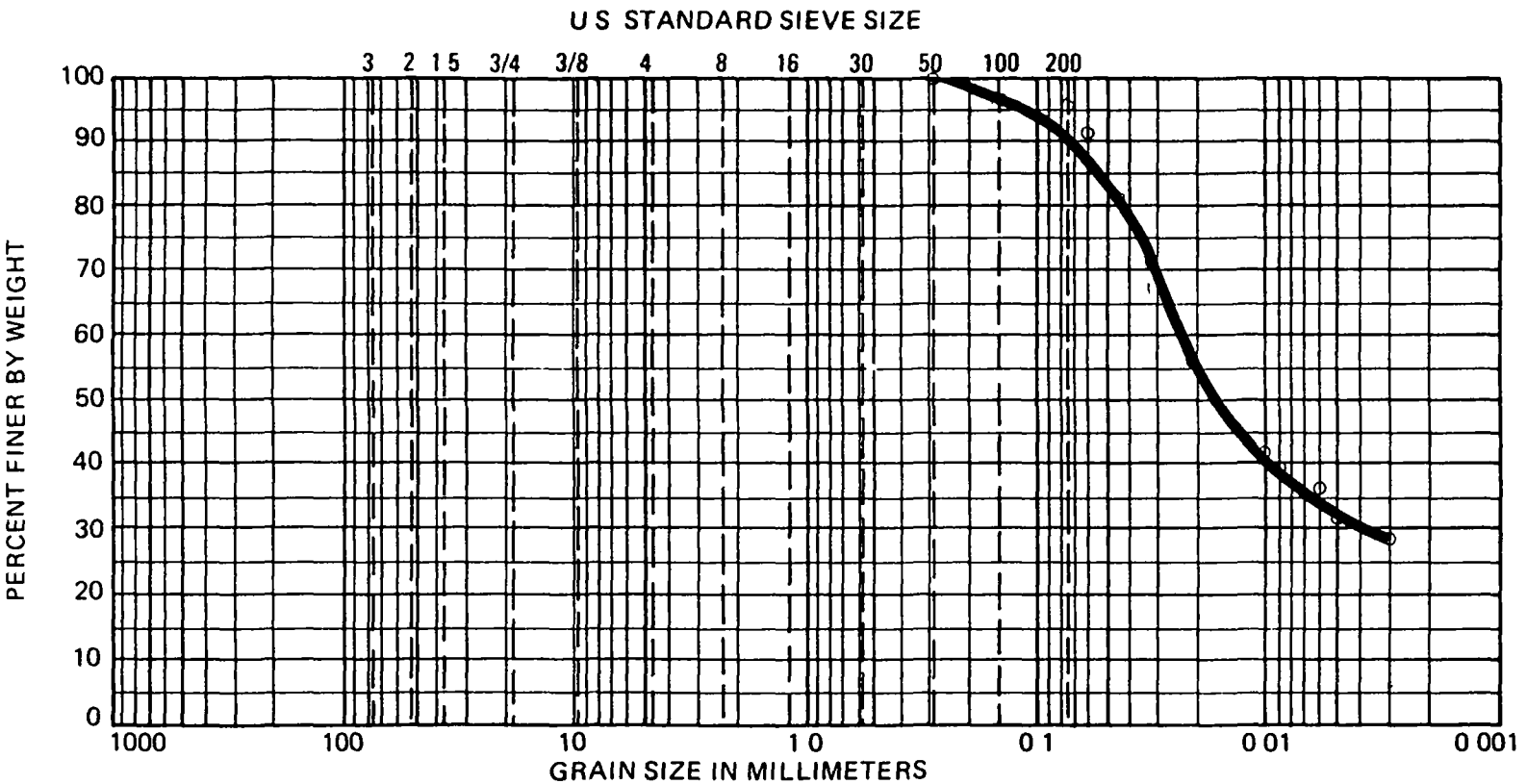
CHECKED BY WJS DATE 1/12/90

REVISIONS

BY DATE

BY DATE

PLATE OF




| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW89-12 | 30ft | Silty clay | 39% | | | | |

# GRADATION CURVE

Dames & Moore

PLATE

FILE 1661 7-1

BY CAS DATE 1/10/90

CHECKED BY WJS DATE 1/15/90

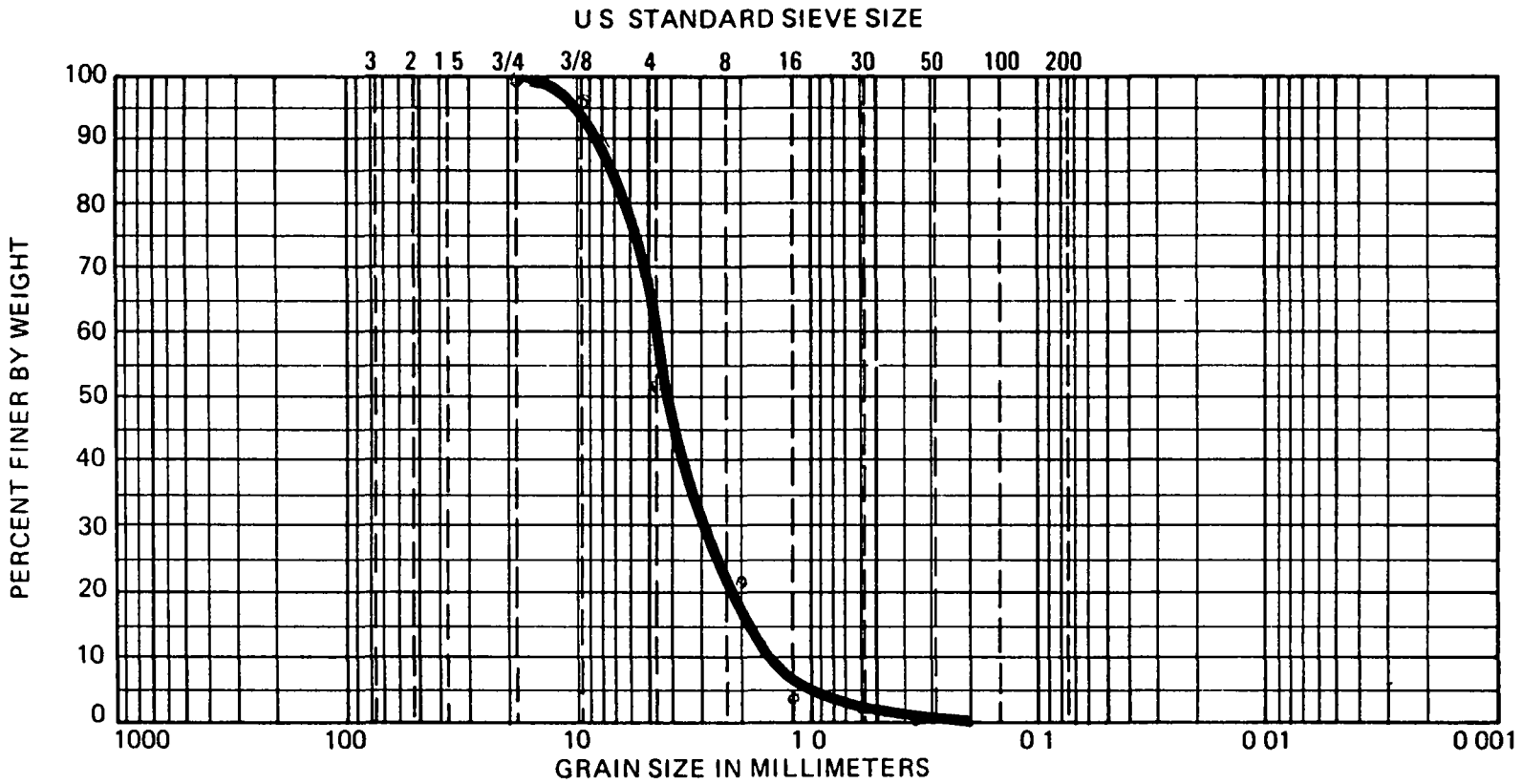
REVISIONS

BY DATE

BY DATE

PLATE OF

757 9 (5 75)




| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW 89-12 | 65 | sand | 20 3 % | | | | |

# GRADATION CURVE

Dames & Moore

PLATE

FILE 116657-002-005

BY CAS DATE 1/5/90

CHECKED BY WJS DATE 1/15/90

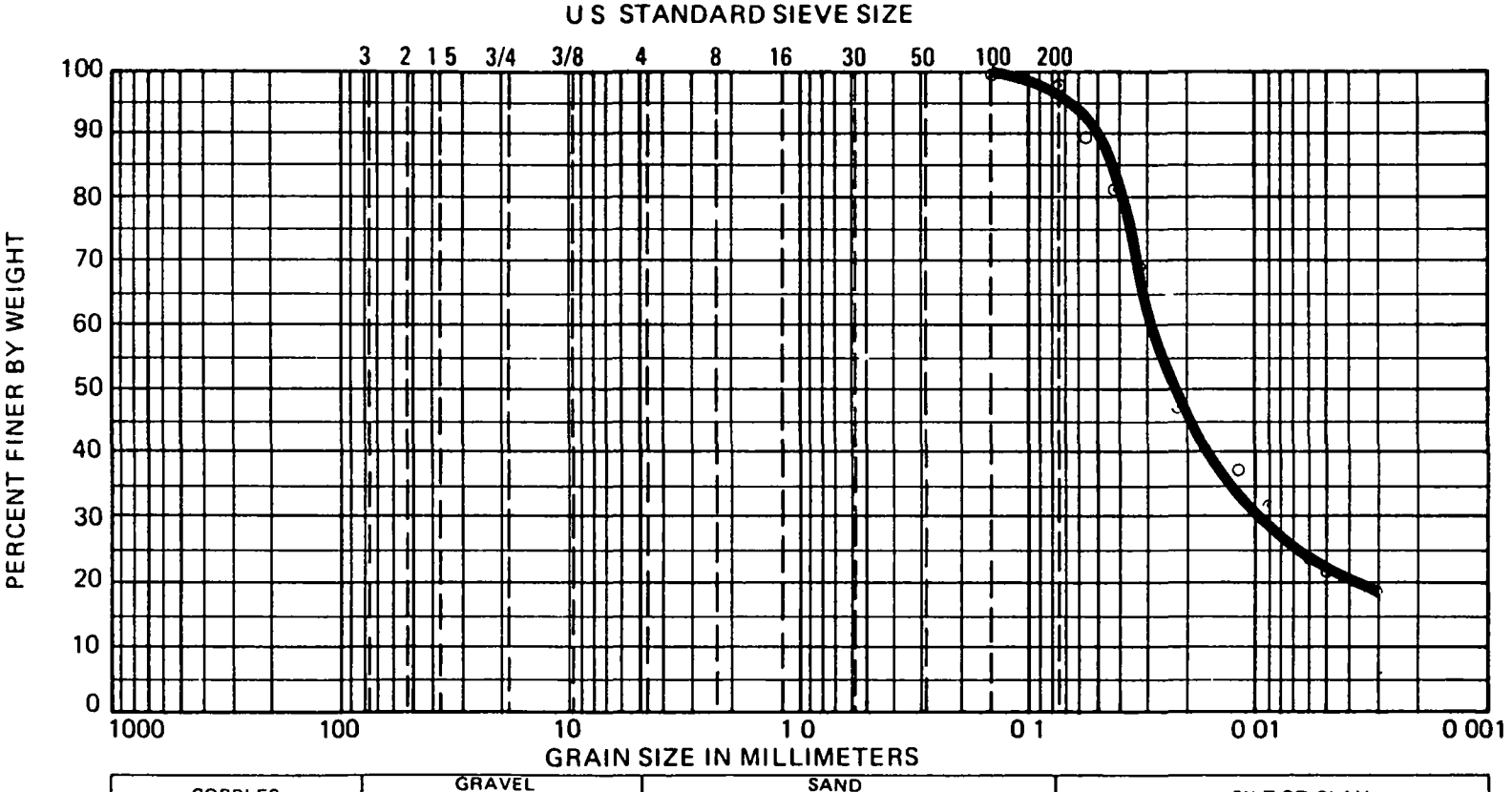
REVISIONS

BY DATE

BY DATE

PLATE OF

757 9 (5 75)




| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW89 13 | 10ft | clayey silt | 32 0% | | | | |

# GRADATION CURVE

Dames & Moore

PLATE

FILE 16657 002-005

BY CAS DATE 11/5/90

CHECKED BY WJS DATE 1/15/92

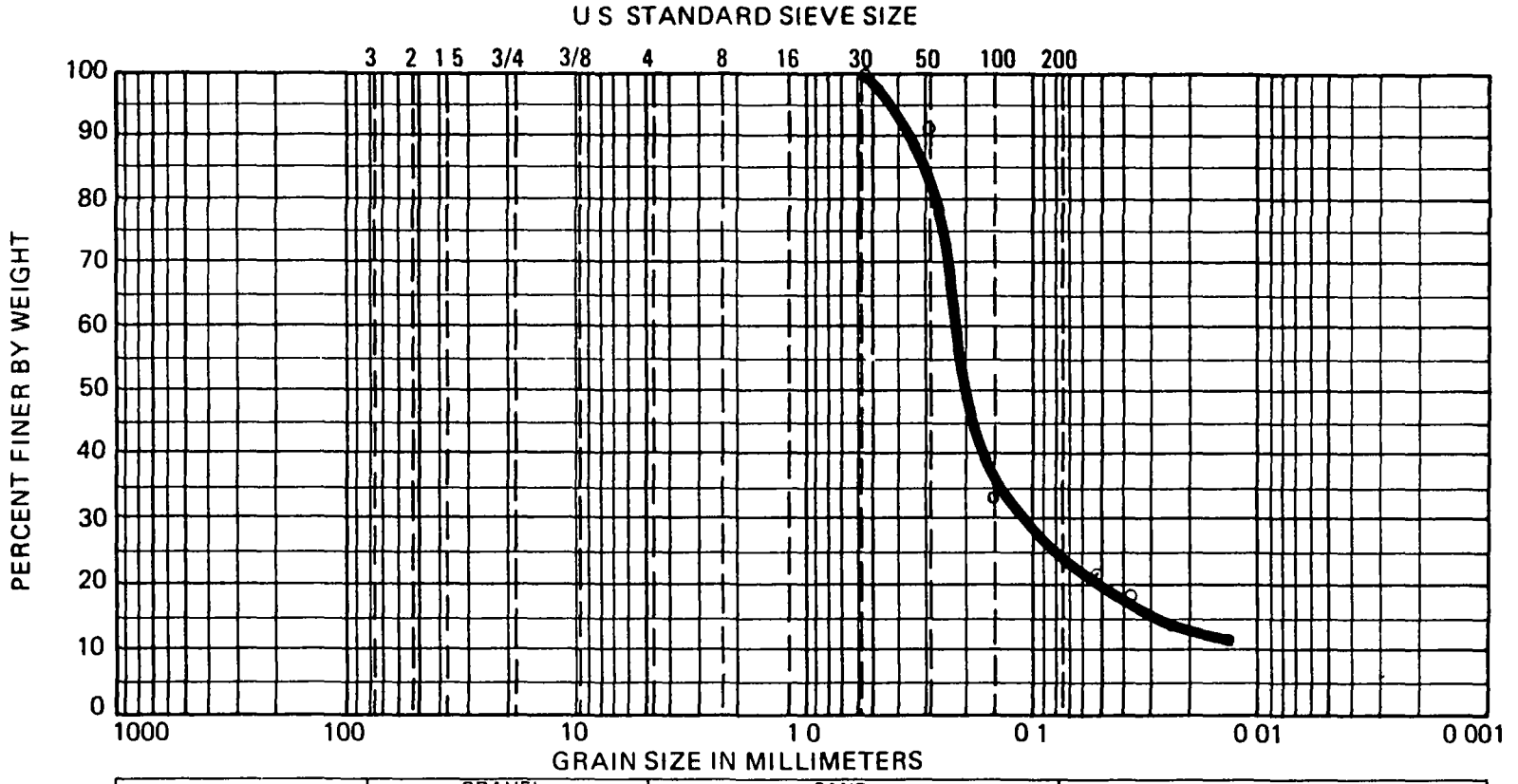
REVISIONS

BY DATE

BY DATE

PLATE OF

757 9 (5 75)




| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | |

| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW89 13 | 20ft | silty sand | 37% | | | | |

## GRADATION CURVE

Dames & Moore

PLATE

FILE 16657-002-005

BY CAS DATE 1/5/90

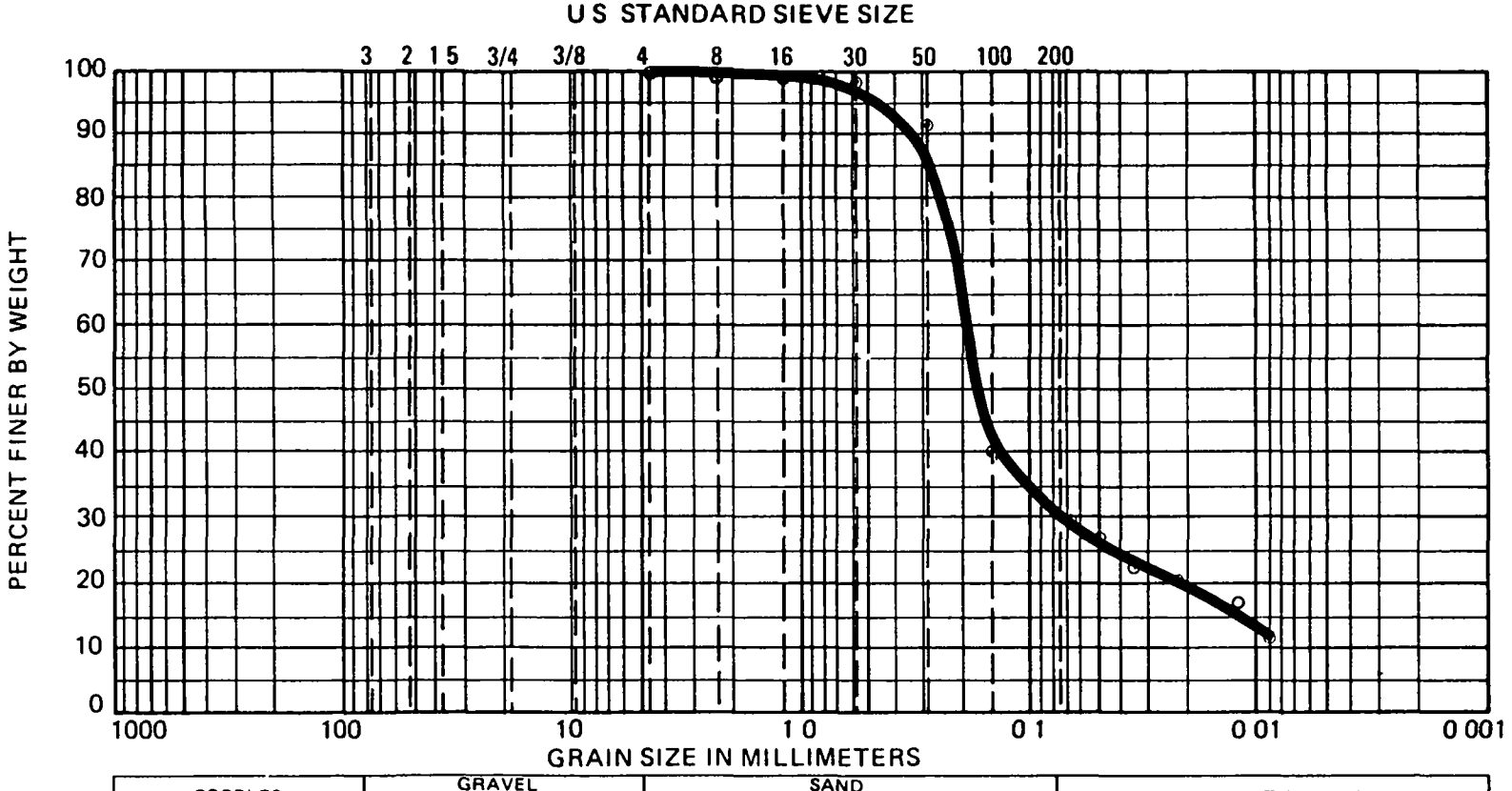
CHECKED BY WJS DATE 1/15/90

REVISIONS

BY DATE

BY DATE

PLATE OF




| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW89 13 | 30ft | silty sand | 18 5% | | | | |

# GRADATION CURVE

Dames & Moore

PLATE

757 0 15 751

FILE 16657-002-005

BY CAS DATE 1/5/90

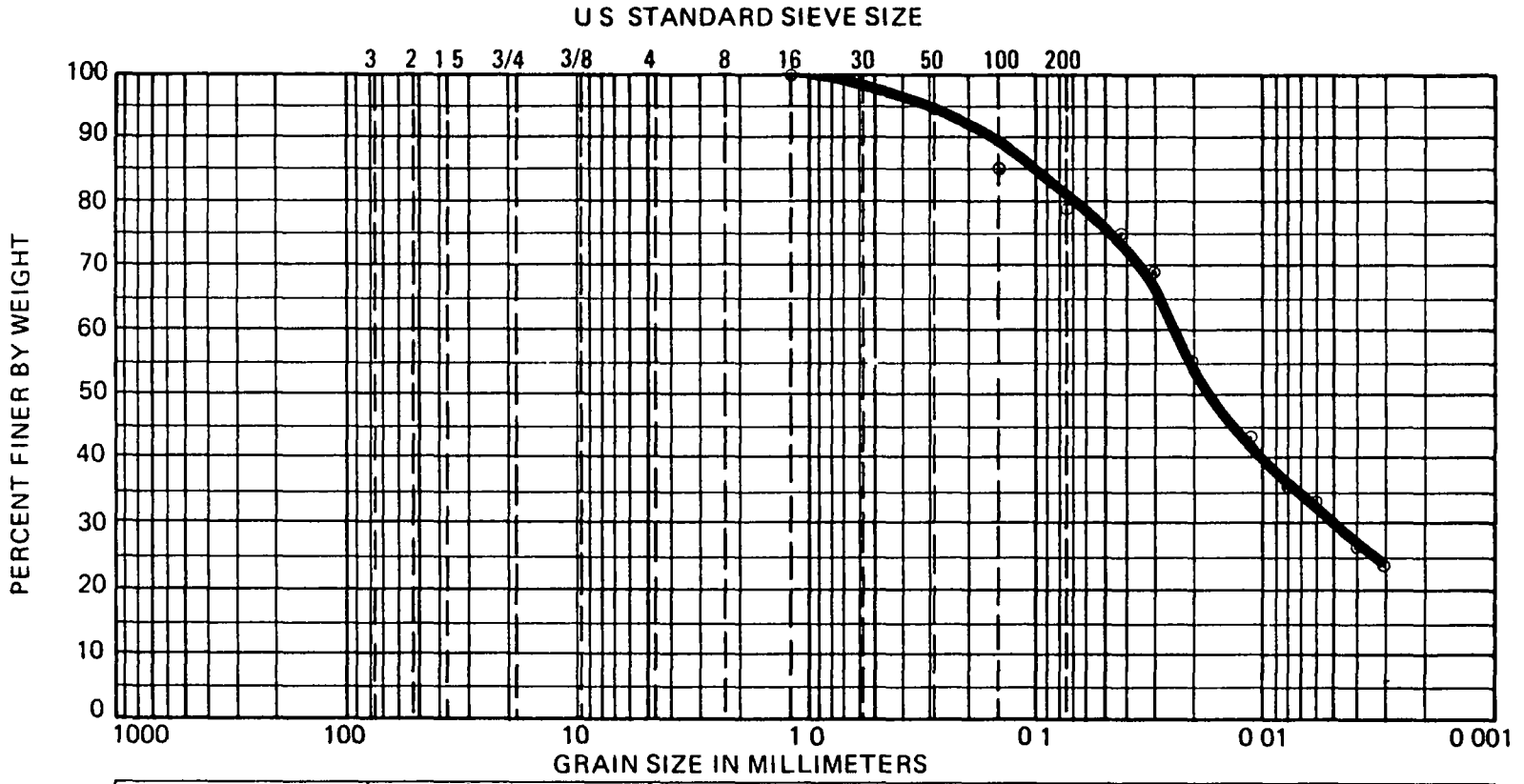
CHECKED BY WJS DATE 1/15/90

REVISIONS

BY DATE

BY DATE

PLATE OF




| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | |

| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW89 13 | 40ft | silty clay | 25 6% | 30 | 18 5 | 11 5 | |

# GRADATION CURVE

Dames & Moore

PLATE

FILE 16657 002-005

BY CAS DATE 1/5/90

CHECKED BY WTS DATE 1/15/90

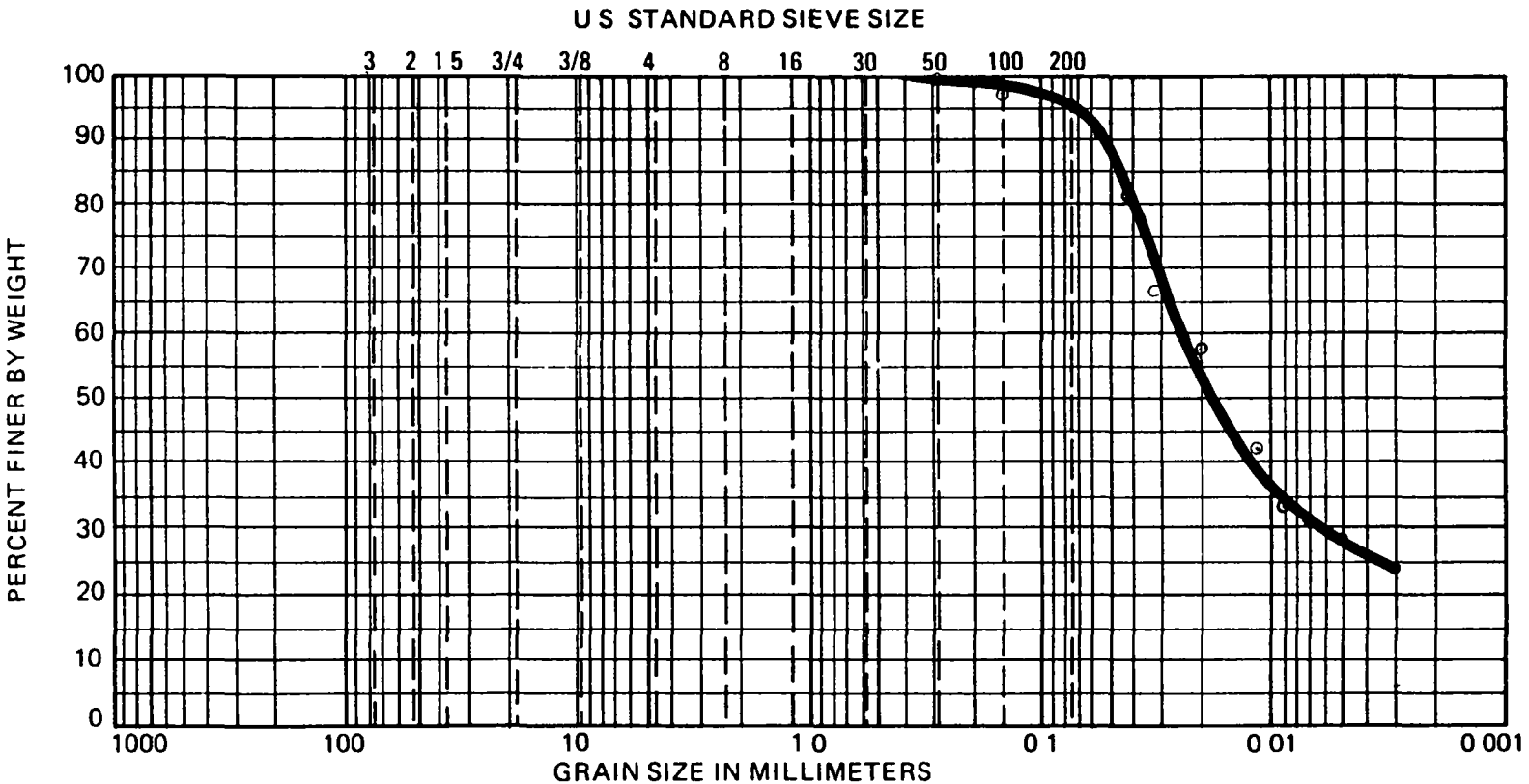
REVISIONS

BY DATE

BY DATE

PLATE OF

757 9 (5 75)




| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW89 19 | 20ft | silty clay | 29 6% | 37 | 20 | 17 | |

## GRADATION CURVE

Dames & Moore

PLATE

FILE 16657-002-005

BY CAS DATE 1/5/90

CHECKED BY WJS DATE 1/15/90

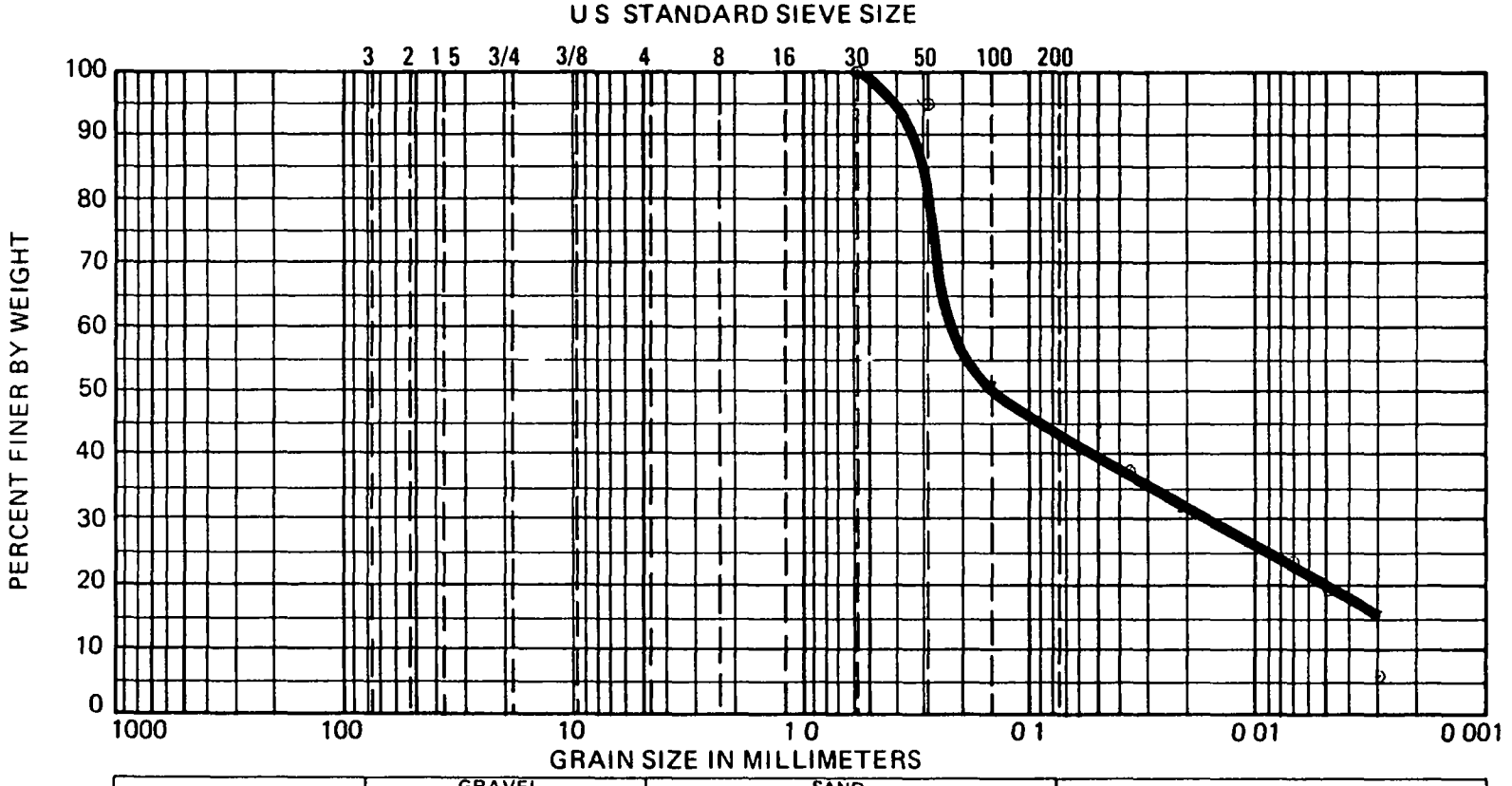
REVISIONS

BY DATE

BY DATE

PLATE OF

757 9 (5 75)




| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW89 14 | 35ft | silty sand to sandy silt | 18.1% | | | | |

Dames & Moore

PLATE

# GRADATION CURVE

FILE 16657 002-005

BY CAS DATE 1/5/90

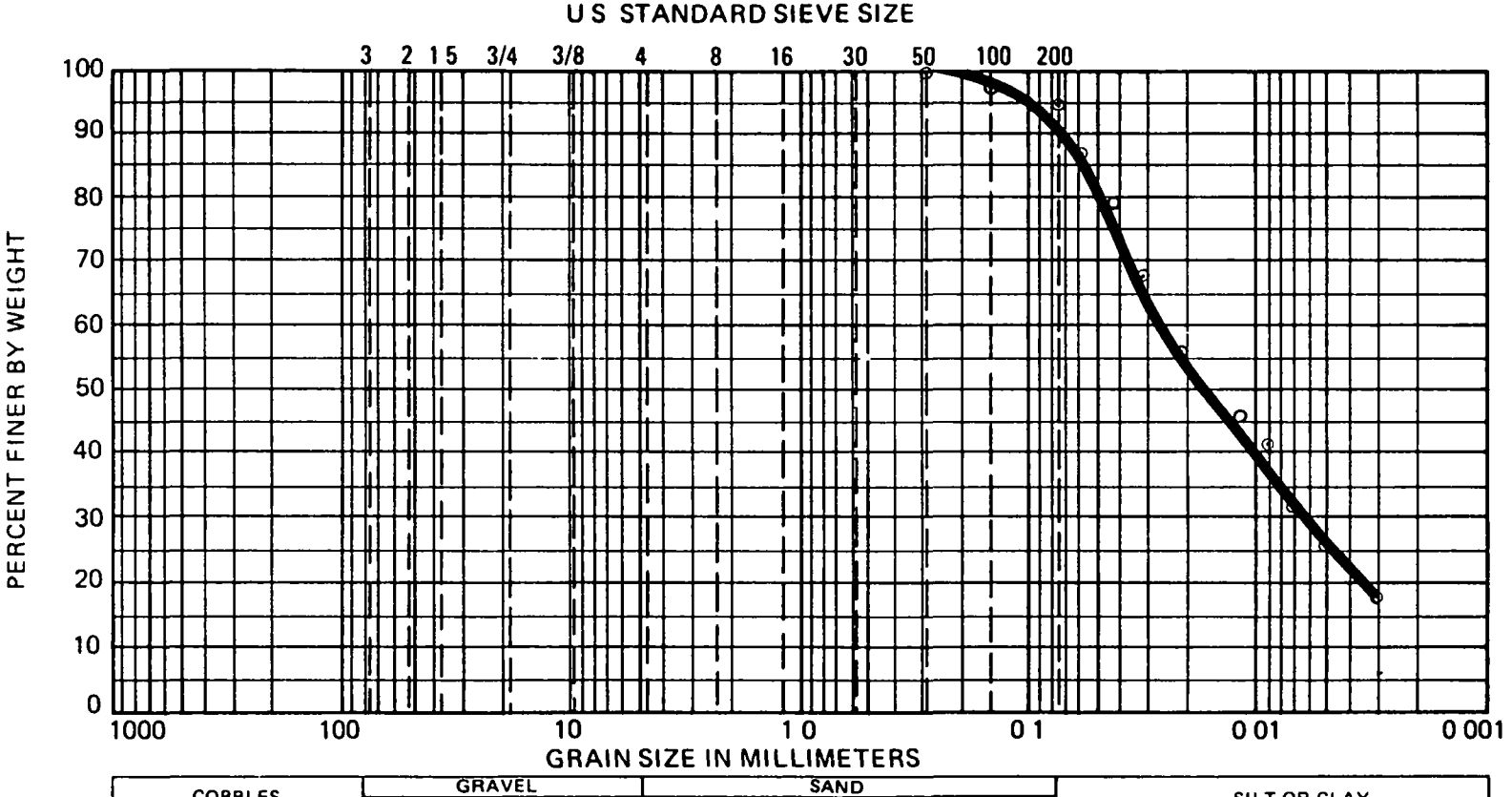
CHECKED BY WJS DATE 1/15/90

REVISIONS

BY DATE

BY DATE

PLATE OF




| | DEPTH | | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|---|
| MW89 14 | 42 5-44ft | | silty clay | 32 1% | 37 | 18 8 | 18 2 | |

## GRADATION CURVE

Dames & Moore

PLATE

FILE 16657-002-005

BY CAS DATE 11/5/90

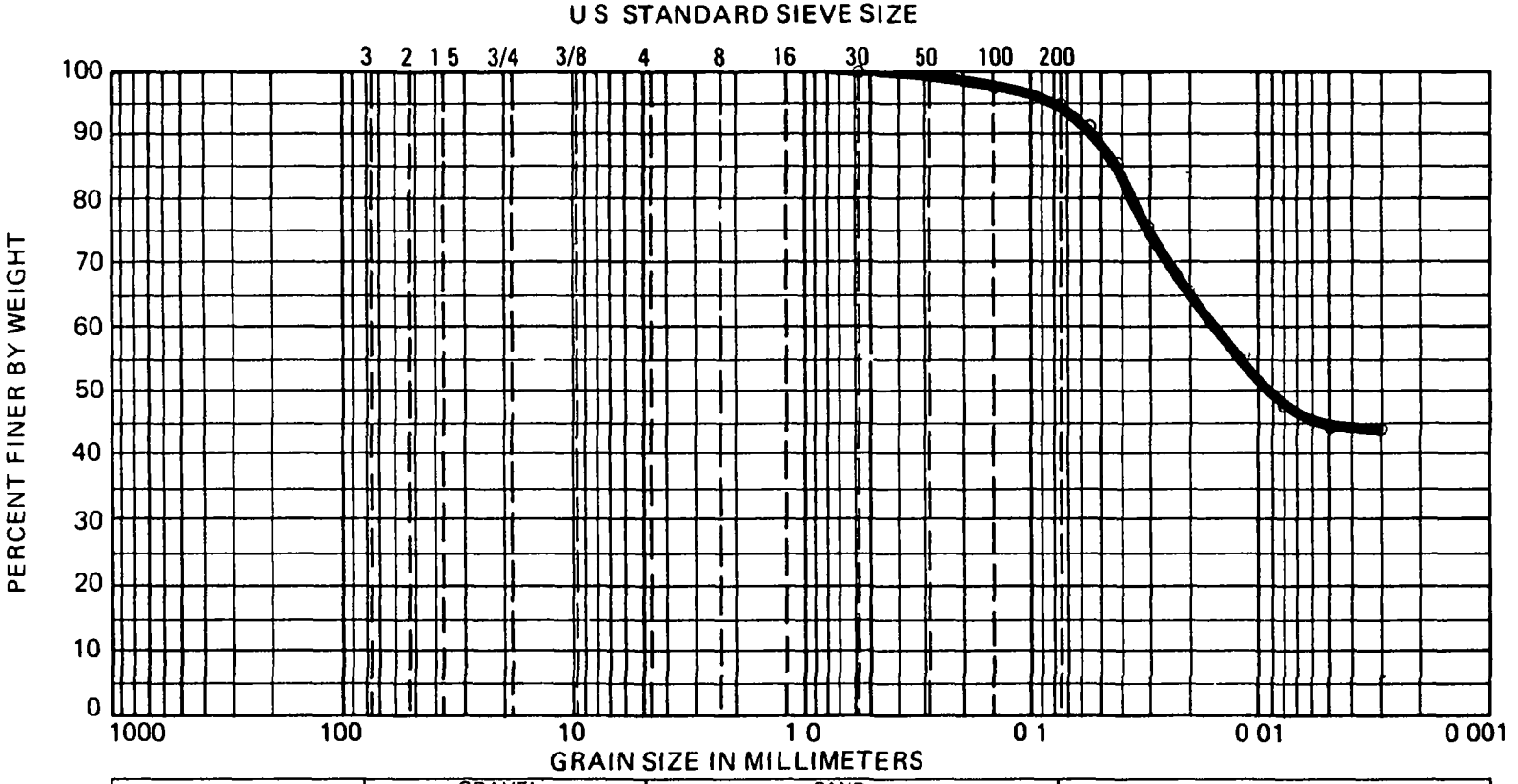
CHECKED BY WJS DATE 1/15/92

REVISIONS

BY DATE

BY DATE

PLATE OF




| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW89 15 | 15ft | silty clay | 38 1% | | | | |

# GRADATION CURVE

Dames & Moore

PLATE

FILE 16657-002-005

BY CAS DATE 1/5/90

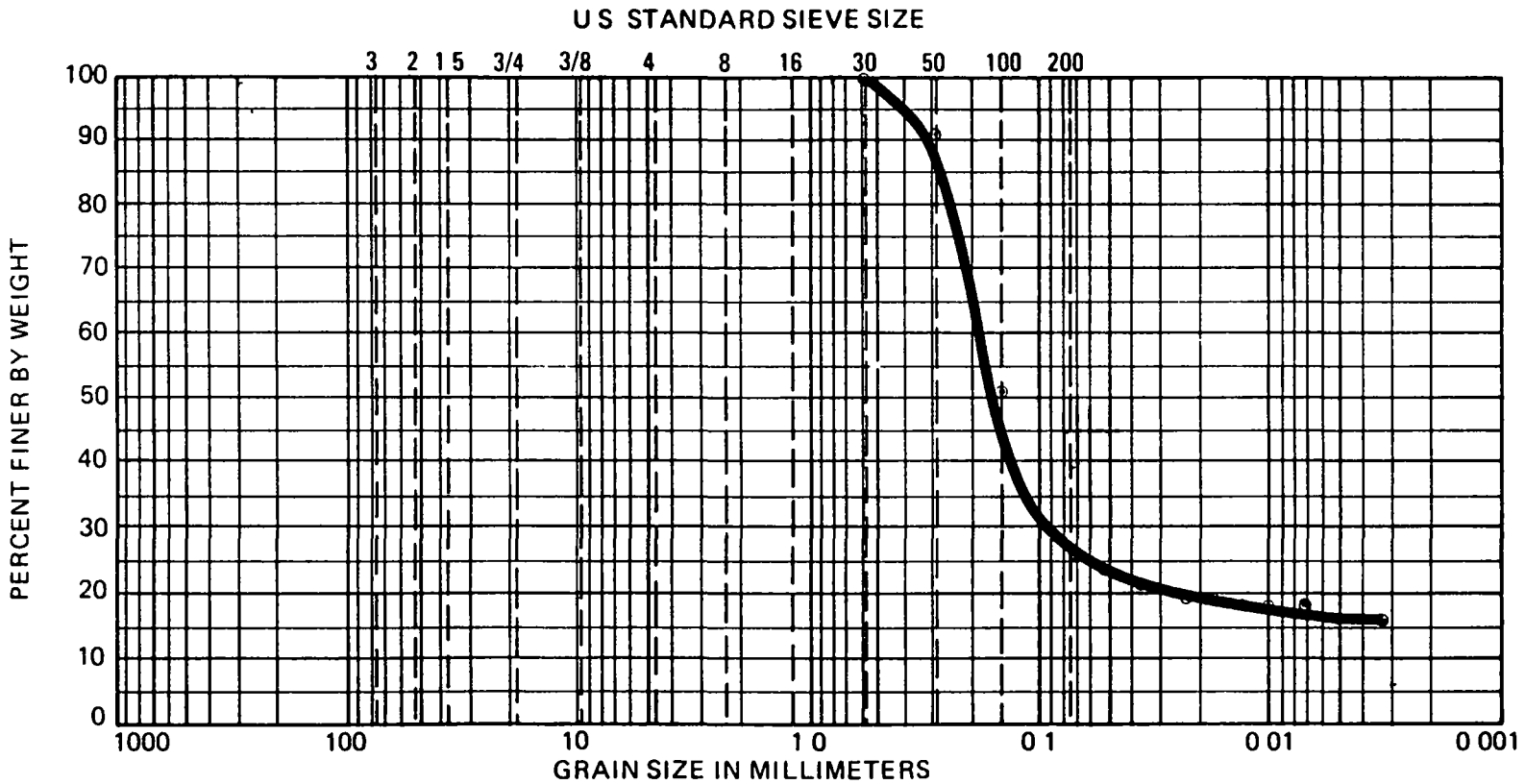
CHECKED BY WJS DATE 1/15/90

REVISIONS

BY DATE

BY DATE

PLATE OF




| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW89 15 | 40ft | silty sand | 23 0% | | | | |

# GRADATION CURVE

Dames & Moore

PLATE

757 9 (5 75)

FILE 16657 002-005

BY CAS DATE 1\5\90

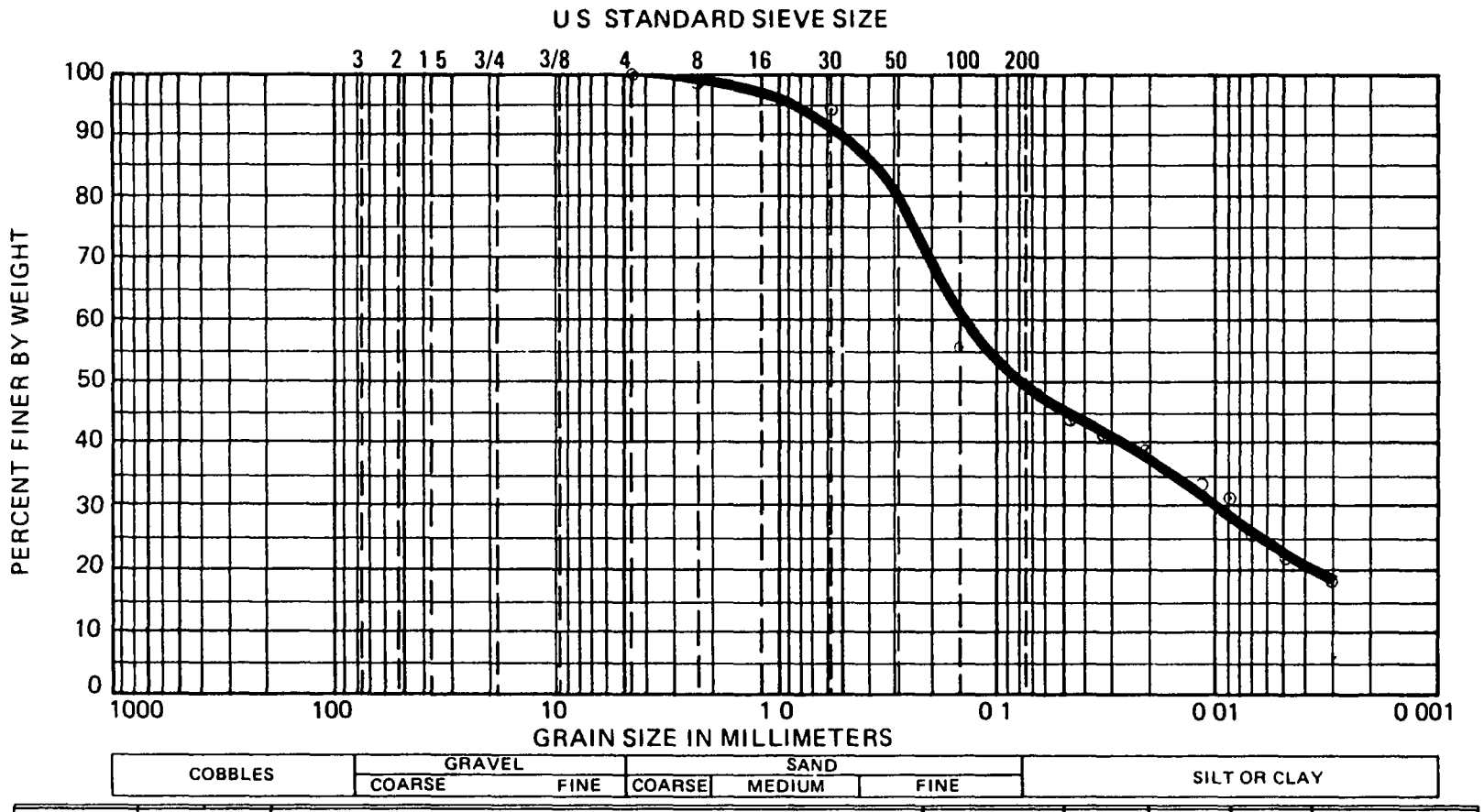
CHECKED BY WJS DATE 1/15/90

REVISIONS

BY DATE

BY DATE

PLATE OF




| | DEPTH | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|
| MW 89 15 | 45ft | clayey & silty sand | 19 3% | 20 | 14 5 | 5 5 | |

# GRADATION CURVE

Dames & Moore

757 9 (5 75)

PLATE

FILE 1657-002-DC

BY CAS DATE 1/5/90

CHECKED BY WJS DATE 1/5/90

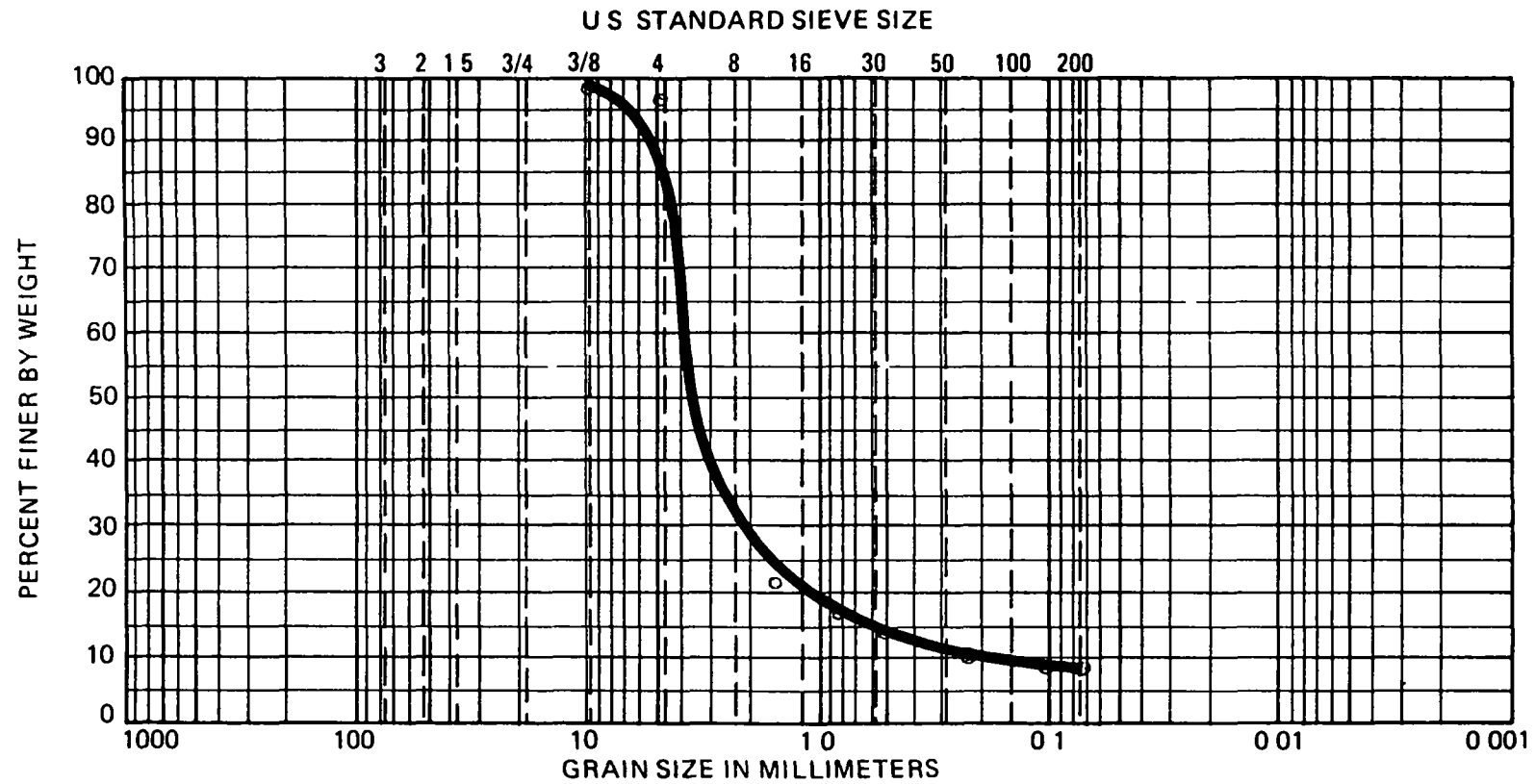
REVISIONS

BY DATE

BY DATE

PLATE OF

757 9 (5 75)




| | DEPTH | | CLASSIFICATION | NAT W C | LL | PL | PI | |
|---|---|---|---|---|---|---|---|---|
| MW-89-15 | 64 | | sand with some silt | 21 7% | | | | |

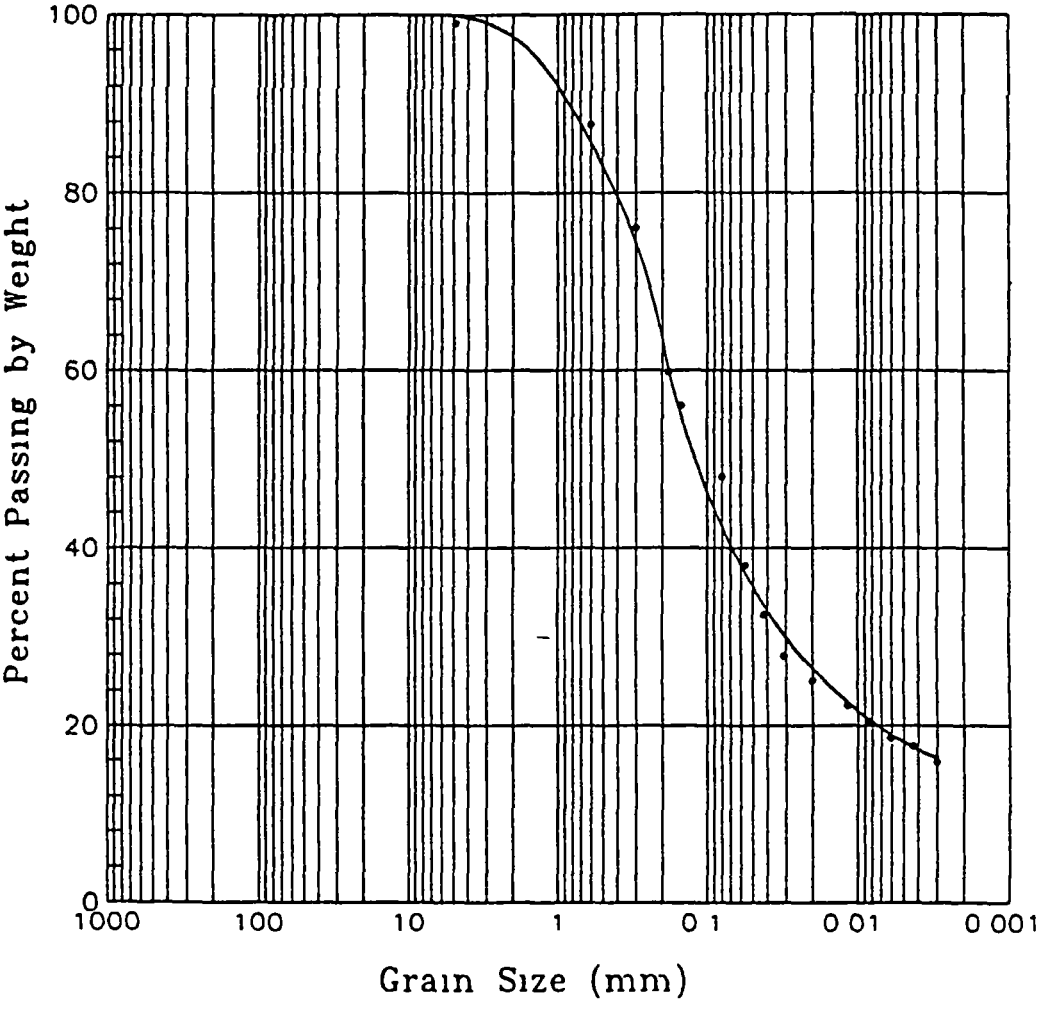
## GRADATION CURVE

Dames & Moore

PLATE

## APPENDIX II

B Add-On Interceptor Well

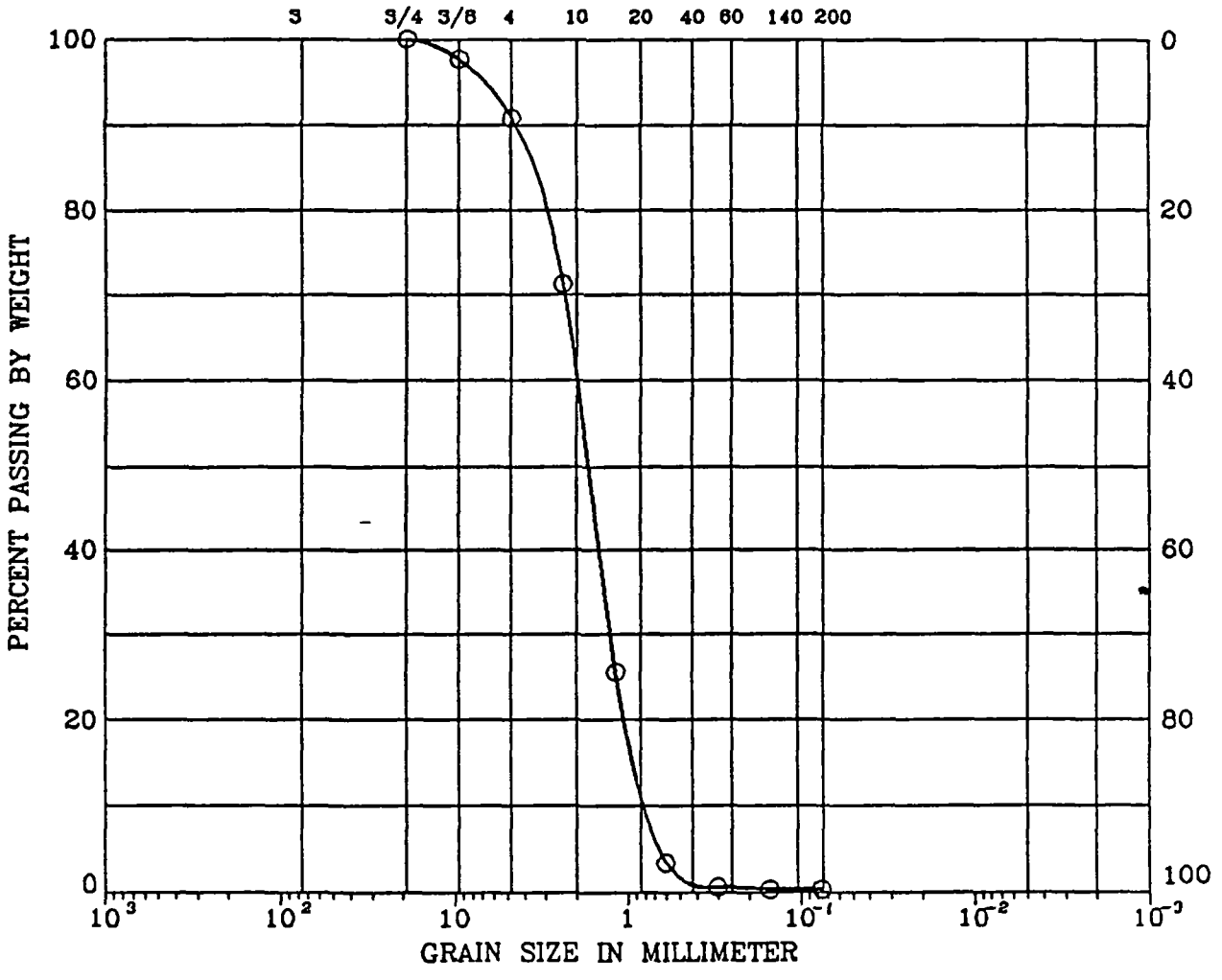



Cu = 38 0, Cc = 0 658

Grain Size Distribution
65' to 70' Interval
Interim Add-On Interceptor Well
Dames & Moore

UNIFIED SOIL CLASSIFICATION

| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | |
| U S SIEVE SIZE IN INCHES | | | U.S STANDARD SIEVE No | | | HYDROMETER |



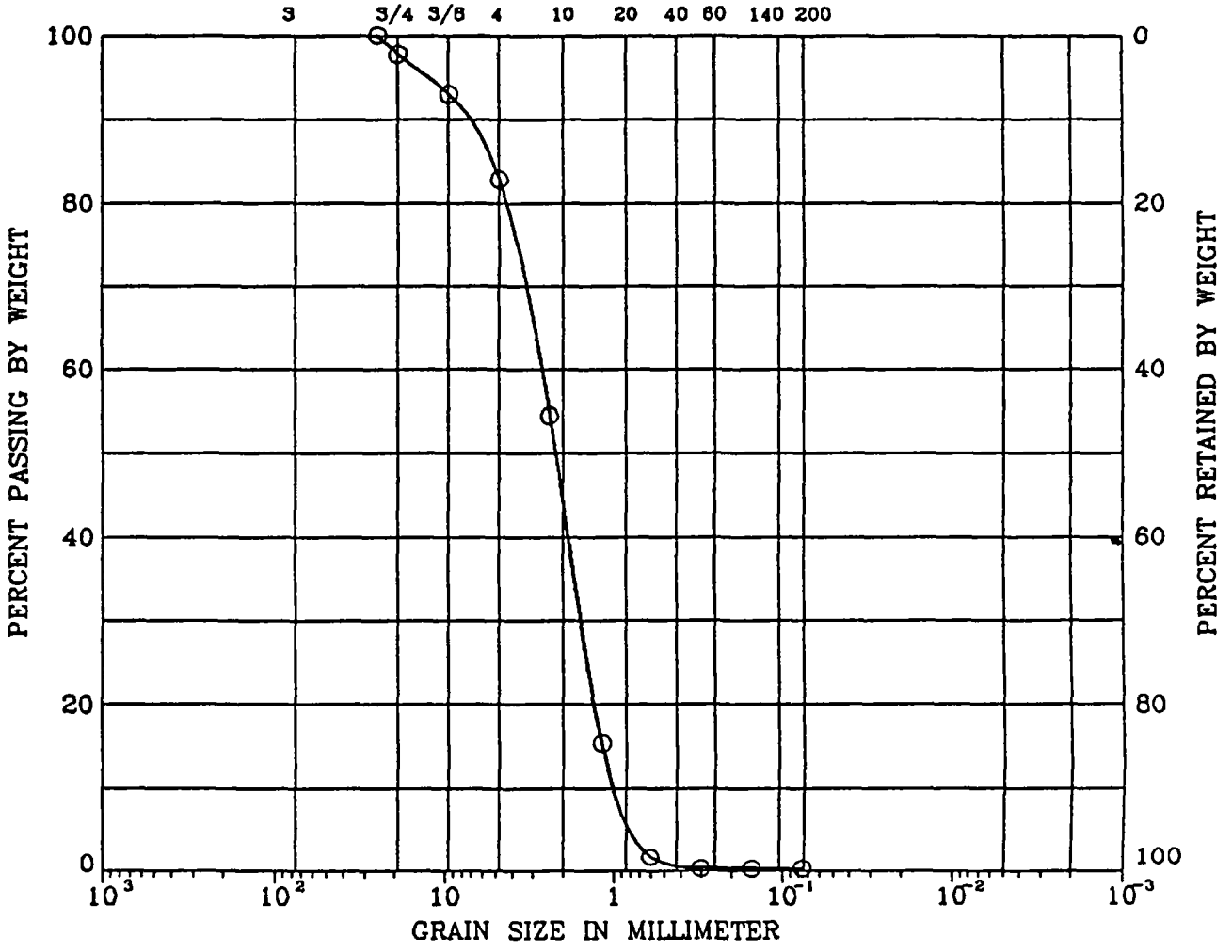

| SYMBOL | BORING | DEPTH (ft) | LL (%) | PI (%) | DESCRIPTION |
|---|---|---|---|---|---|
| O | | 75/80 | | | POORLY GRADED SAND (SP) |

Remark Cu = 2 353 Cc = 0 919

| | |
|---|---|
| Job No 16657-002 | Lindsay Manufacturing **Interim Add On Interceptor Well** |
| Dames & Moore | GRAIN SIZE DISTRIBUTION |

UNIFIED SOIL CLASSIFICATION

| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY * |
|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | |
| U S SIEVE SIZE IN INCHES | | | U S STANDARD SIEVE No | | | HYDROMETER |



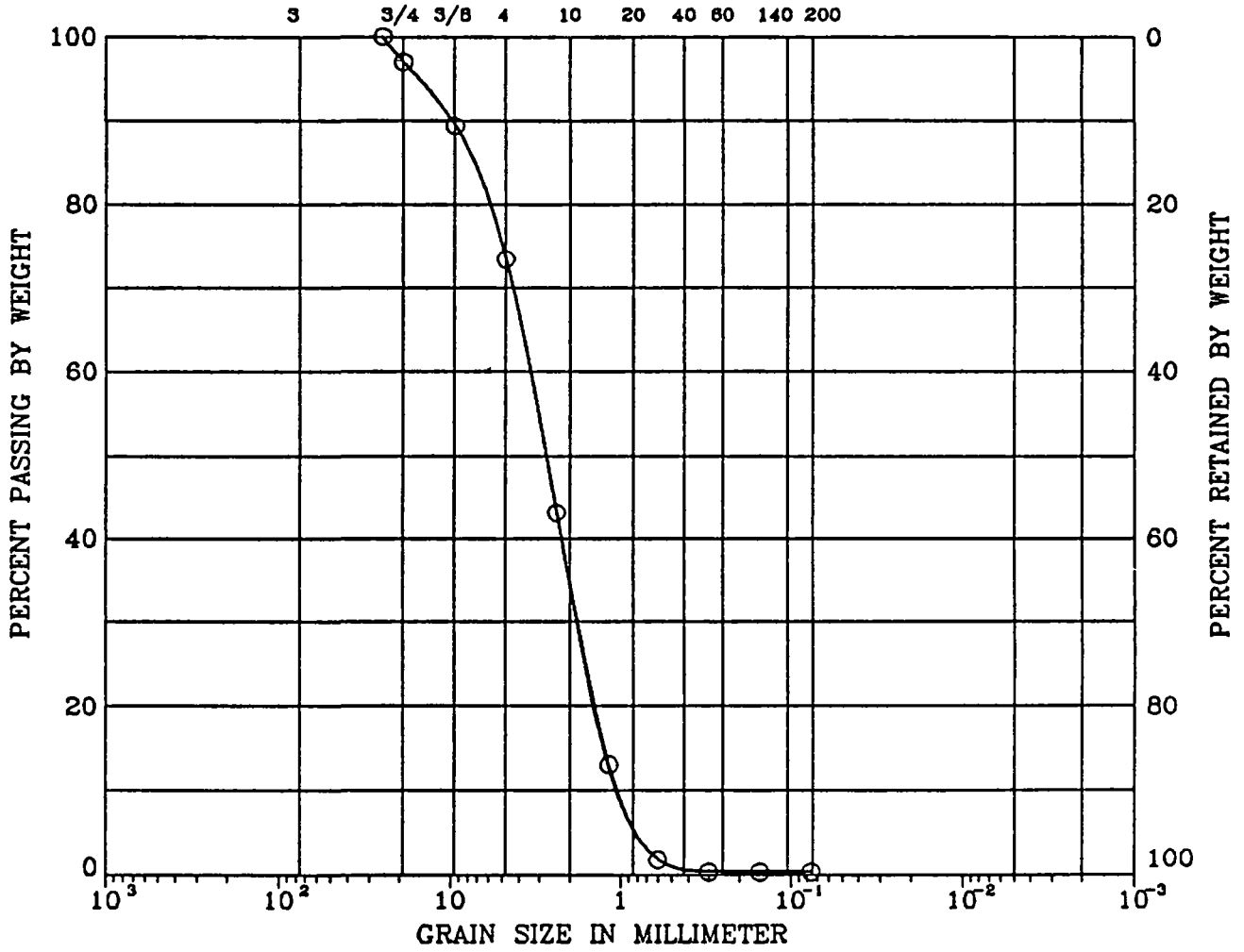

| SYMBOL | BORING | DEPTH (ft) | LL (%) | PI (%) | DESCRIPTION |
|---|---|---|---|---|---|
| O | | 90/95 | | | POORLY GRADED SAND (SP) |

Remark Cu = 2 5 Cc = 1 225

| | |
|---|---|
| Job No 16657-002 | Lindsay Manufacturing **Interim Add On Interceptor Well** |
| Dames & Moore | GRAIN SIZE DISTRIBUTION |

UNIFIED SOIL CLASSIFICATION

| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | |
| U S SIEVE SIZE IN INCHES | | | U S STANDARD SIEVE No | | | HYDROMETER |



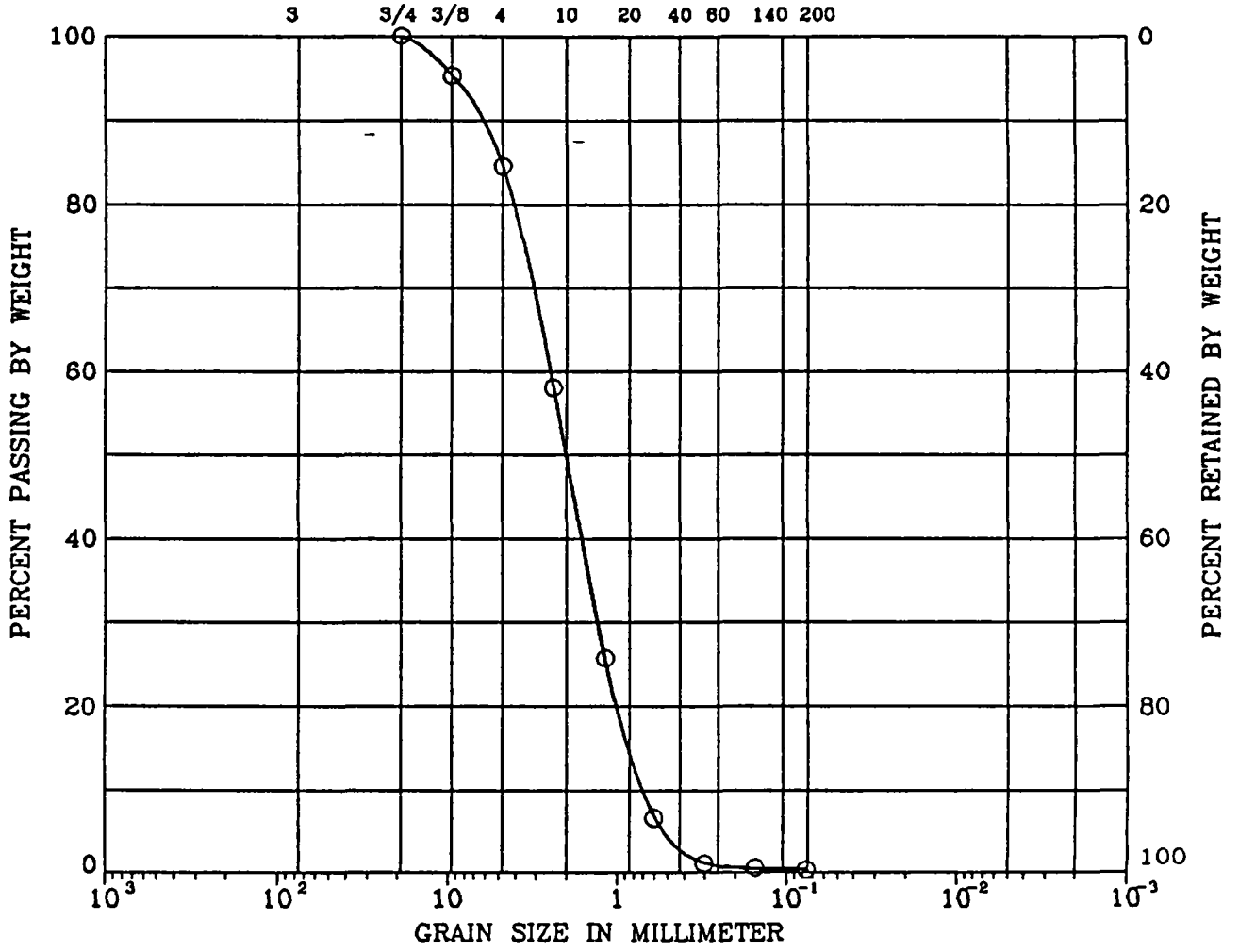

| SYMBOL | BORING | DEPTH (ft) | LL (%) | PI (%) | DESCRIPTION |
|---|---|---|---|---|---|
| O | | 95/100 | | | POORLY GRADED SAND (SP) |

Remark Cu = 3 04, Cc = 0 645

| | |
|---|---|
| Job No 16657-002 | Lindsay Mfg **Interim Add On Interceptor Well** |
| Dames & Moore | GRAIN SIZE DISTRIBUTION |

UNIFIED SOIL CLASSIFICATION

| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | |
| U S SIEVE SIZE IN INCHES | | | U.S STANDARD SIEVE No | | | HYDROMETER |



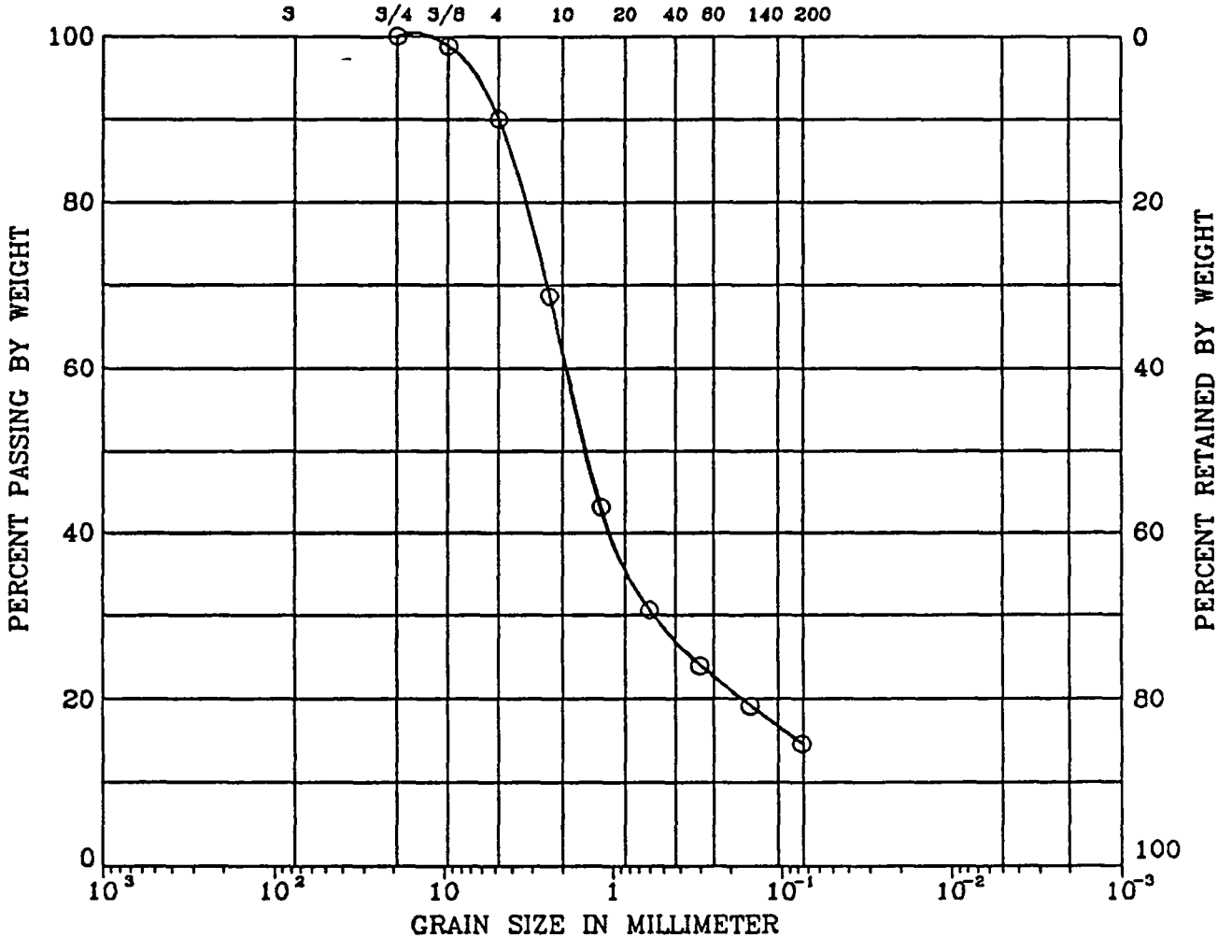

| SYMBOL | BORING | DEPTH (ft) | LL (%) | PI (%) | DESCRIPTION |
|---|---|---|---|---|---|
| O | | 105/110 | | | POORLY GRADED SAND (SP) |

Remark Cu = 3 219 Cc = 0 914

| | |
|---|---|
| Job No 16657-002 | Lindsay Mfg **Interim Add On Interceptor Well** |
| Dames & Moore | GRAIN SIZE DISTRIBUTION |

UNIFIED SOIL CLASSIFICATION

| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | |
| U S SIEVE SIZE IN INCHES | | | U.S STANDARD SIEVE No | | | HYDROMETER |



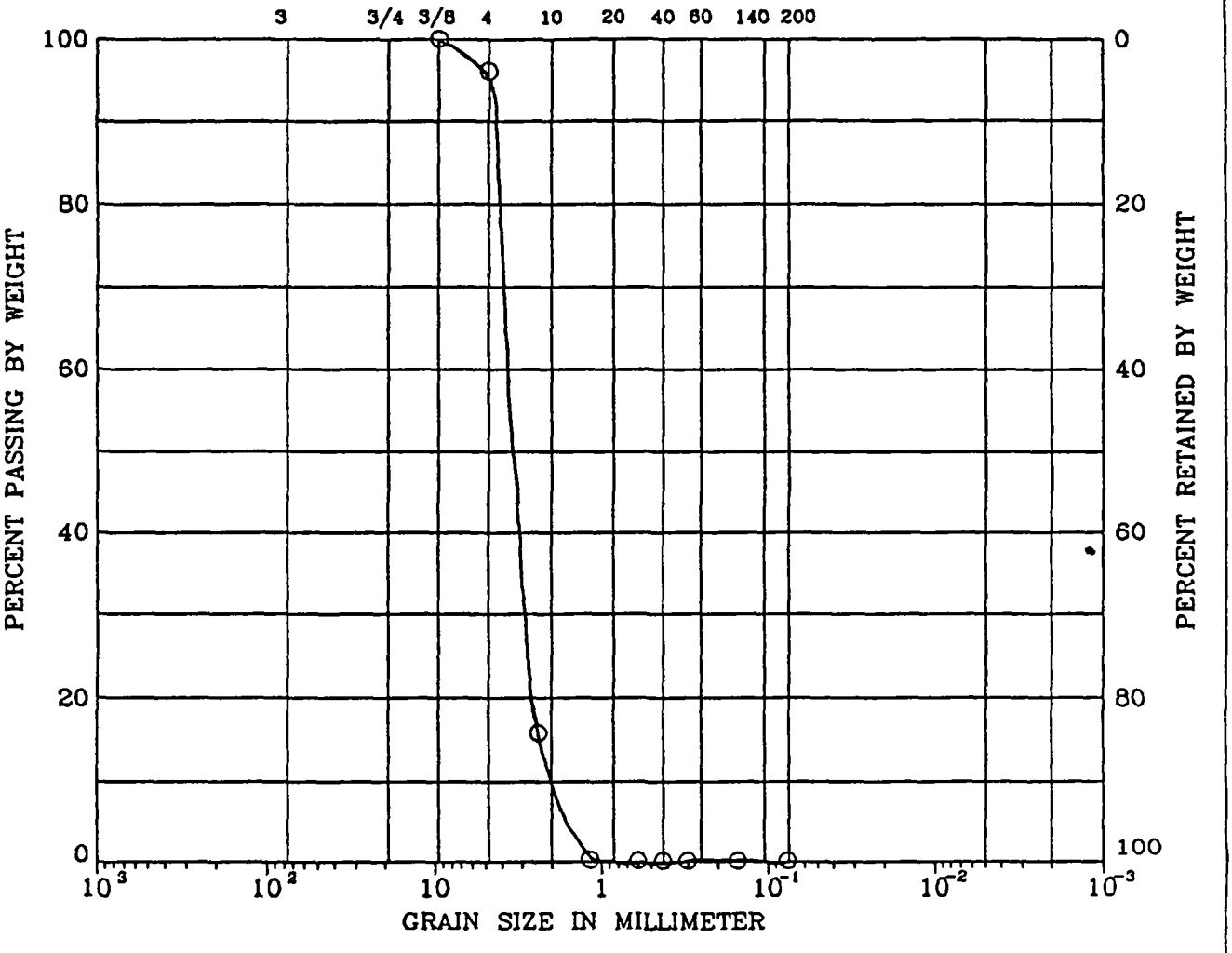

| SYMBOL | BORING | DEPTH (ft) | LL (%) | PI (%) | DESCRIPTION |
|---|---|---|---|---|---|
| O | | 110/115 | | | SILTY SAND (SM) SILTY CLAYEY SAND (SM-SC) (SC) |

Remark Cu = 56 25, Cc = 4 0

| | | |
|---|---|---|
| Job No 16657-002 | Lindsay Mfg | **Interim Add-On Interceptor Well** |
| Dames & Moore | GRAIN SIZE DISTRIBUTION | |

UNIFIED SOIL CLASSIFICATION

| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | |
| U S SIEVE SIZE IN INCHES | | | U.S STANDARD SIEVE No | | | HYDROMETER |




| SYMBOL | BORING | DEPTH (ft) | LL (%) | PI (%) | DESCRIPTION |
|---|---|---|---|---|---|
| O | Filter Pack | | | | POORLY GRADED SAND (SP) |

Remark Cu = 1 556, Cc = 0 960

| | |
|---|---|
| Job No 16657-002 | Lindsay Manufacturing **Interim Add On Interceptor Well** |
| Dames & Moore | GRAIN SIZE DISTRIBUTION |

## APPENDIX II

C 87-1 through 87-14

HWS Technologies Inc

LINCOLN OFFICE
825 J St Box 80358
Lincoln NE 68501
402/475-4241

July 27, 1987

HWS Technologies Inc
825 "J" Street
Lincoln, Nebraska 68508

ATTENTION Mr Roy Elliott

REFERENCE Lindsay Manufacturing Company
Sieve Analysis Testing

Gentlemen

On June 23, 1987 HWST's Materials Testing Division received 28 bag samples from the referenced project At your request sieve analysis tests were run on these samples A description of the test method used and the test results obtained are presented below

Sieve analyses were performed in accordance with ASTM C 422-63, Standard Method for Particle - Size Analysis of Soils The test results are presented in Table 1

Table 1
Sieve Analysis Test Results

| Boring No | Depth Ft | Percent Retained on Standard Sieves By Weight | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 3/4" | 1/2" | 3/8" | #4 | #10 | #16 | #20 | #40 | #50 | #100 | #200 |
| 87-1 | 45-50 | 0 | 4 | 4 | 8 | 19 | 28 | 36 | 60 | 70 | 83 | 84 7 |
| 87-1 | 50-55 | - | 0 | 1 | 5 | 25 | 43 | 56 | 81 | 89 | 95 | 95 8 |
| 87-1 | 55-60 | 0 | 2 | 2 | 8 | 28 | 42 | 53 | 78 | 87 | 93 | 94 5 |
| 87-1 | 60-65 | - | 0 | 0 | 3 | 21 | 38 | 53 | 82 | 91 | 97 | 97 3 |
| 87-1 | 70-75 | 0 | 2 | 3 | 10 | 30 | 53 | 68 | 91 | 96 | 97 | 98 2 |
| 87-1 | 75-80 | 0 | 4 | 6 | 15 | 36 | 55 | 69 | 89 | 95 | 97 | 97 4 |
| 87-1 | 80-85 | - | 0 | 3 | 18 | 49 | 66 | 75 | 87 | 91 | 95 | 95 9 |
| 87-2 | 40-45 | - | - | 0 | 4 | 16 | 28 | 38 | 66 | 79 | 90 | 93 0 |
| 87-2 | 45-50 | - | - | 0 | 3 | 17 | 31 | 41 | 68 | 82 | 93 | 94 7 |
| 87-2 | 55-60 | - | 0 | 2 | 8 | 24 | 38 | 51 | 79 | 90 | 97 | 97 5 |
| 87-2 | 60-65 | 0 | 1 | 1 | 7 | 30 | 47 | 59 | 83 | 93 | 99 | 99 6 |

Table 1(continued)
Sieve Analysis Test Results

| Boring No | Depth Ft | Percent Retained on Standard Sieves By Weight | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 3/4" | 1/2" | 3/8" | #4 | #10 | #16 | #20 | #40 | #50 | #100 | #200 |
| 87-2 | 70-75 | 0 | 1 | 2 | 9 | 25 | 40 | 52 | 81 | 91 | 98 | 98 5 |
| 87-2 | 75-80 | - | 0 | 1 | 10 | 28 | 42 | 51 | 76 | 88 | 98 | 98 6 |
| 87-2 | 80-85 | 0 | 1 | 2 | 18 | 51 | 73 | 82 | 94 | 97 | 99 7 | 100 0 |
| 87-3 | 70-75 | 0 | 1 | 2 | 6 | 18 | 29 | 39 | 64 | 75 | 84 | 87 4 |
| 87-3 | 75-80 | 0 | 2 | 4 | 12 | 26 | 39 | 51 | 84 | 93 | 96 | 96 9 |
| 87-3 | 85-90 | 0 | 9 | 11 | 17 | 41 | 62 | 74 | 90 | 93 | 96 | 96 8 |
| 87-3 | 90-95 | 0 | 1 | 2 | 11 | 33 | 51 | 61 | 87 | 94 | 98 | 98 6 |
| 87-3 | 100-105 | 0 | 1 | 4 | 19 | 48 | 65 | 76 | 91 | 96 | 98 | 98 4 |
| 87-3 | 105-110 | - | - | 0 | 6 | 30 | 51 | 64 | 90 | 96 | 98 6 | 98 9 |
| 87-3 | 110-115 | 0 | 3 | 5 | 17 | 38 | 52 | 61 | 81 | 90 | 98 | 98 4 |
| 87-4 | 115-120 | - | 0 | 1 | 5 | 13 | 42 | 53 | 75 | 82 | 89 | 91 3 |
| 87-4 | 120-125 | - | 0 | 2 | 13 | 41 | 59 | 71 | 90 | 93 | 95 | 95 8 |
| 87-4 | 130-135 | 0 | 1 | 2 | 12 | 34 | 52 | 66 | 89 | 94 | 97 | 97 5 |
| 87-4 | 135-140 | 0 | 1 | 2 | 12 | 39 | 58 | 68 | 85 | 90 | 95 | 96 1 |
| 87-4 | 140-145 | - | 0 | 4 | 15 | 41 | 58 | 69 | 86 | 92 | 95 | 96 1 |
| 87-4 | 145-150 | - | 0 | 2 | 12 | 34 | 48 | 56 | 75 | 82 | 92 | 94 9 |
| 87-4 | 155-160 | - | 0 | 2 | 9 | 23 | 32 | 38 | 51 | 58 | 73 | 78 7 |

Respectfully submitted,

HWS TECHNOLOGIES INC

Gary E Kroskovec, P E

GEP/sjm
47-4020 00
GEP2(B)
Or & 2 cc HWST Attn Roy Elliott

87-4

HWS Technologies Inc

LINCOLN OFFICE
825 J St Box 80358
Lincoln NE 68501
402/475-4241

July 28, 1987

HWS Technologies Inc
825 "J" Street
Lincoln, Nebraska 68508

ATTENTION Mr Roy Elliott

REFERENCE Lindsay Manufacturing Company
Subsurface Investigation

Gentlemen

On May 15 and 18, 1987 HWST's Materials Testing Division received one undisturbed soil sample and 30 bag samples from the referenced project site, respectively At your request, atterberg limit, sieve analysis, particle size analysis (hydrometer), and constant head permeability tests were performed on these samples Descriptions of the test methods used and summaries of the results obtained are provided below

The plasticity characteristics of 14 airdried samples were determined in accordance with ASTM Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils (D4318-83) These limits of consistency (Atterberg limits) are used in the Unified Soil Classification System as a basis for laboratory differentiation between materials of appreciable plasticity (clays) and slightly plastic or nonplastic materials (silts) The test results are presented in Table 1

TABLE 1
Atterberg Limits

| Boring No | Depth ft | Liquid Limit, % | Plastic Limit, % | Plasticity Index | Group Symbol |
|---|---|---|---|---|---|
| 87-1 | 21-22 | 37 | 23 | 14 | CL |
| 87-1 | 41-41 5 | 38 | 23 | 15 | CL |
| 87-2 | 46-46 5 | 33 | 23 | 10 | CL |
| 87-4 | 40-41 5 | 33 | 19 | 14 | CL |

TABLE 1 (continued)
Atterberg Limits

| Boring No | Depth ft | Liquid Limit, % | Plastic Limit, % | Plasticity Index | Group Symbol |
|---|---|---|---|---|---|
| 87-5 | 43 5-45 5 | 35 | 20 | 15 | CL |
| 87-6 | 36-37 | 29 | 27 | 2 | ML |
| 87-7 | 41-41 5 | 29 | 23 | 6 | ML |
| 87-8 | 40-41 5 | 43 | 19 | 24 | CL |
| 87-9 | 40-41 5 | 34 | 20 | 14 | CL |
| 87-10 | 35-36 5 | 37 | 23 | 14 | CL |
| 87-11 | 37-39 | 49 | 24 | 25 | CL |
| 87-12 | 37 5-39 5 | 37 | 19 | 18 | CL |
| 87-13 | 35-36 5 | 31 | 21 | 10 | CL |
| 87-15 | 40-41 5 | 37 | 19 | 18 | CL |

Sieve analyses were performed on 11 subsurface material samples in accordance with ASTM D 422-63, Standard Method for Particle-Size Analysis of Soils The test results are presented in Table 2

TABLE 2
Sieve Analysis Test Resutls

| Boring No | Depth ft | Percent retained on Standard Sieve by weight | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 3/8" | #4 | #10 | #20 | #40 | #80 | #100 | #200 |
| 87-3 | 50-51 | 0 | T* | T* | 1 | 3 | 65 | 78 | 91 0 |
| 87-5 | 22 5-25 | | | | 0 | T* | 56 | 66 | 83 4 |
| 87-5 | 25-30 | | | 0 | T* | 1 | 35 | 43 | 54 6 |
| 87-5 | 30-31 5 | | | | 0 | 1 | 55 | 69 | 80 7 |
| 87-6 | 30-31 5 | | | | 0 | T* | 31 | 43 | 63 9 |
| 87-7 | 35-36 5 | | | | 0 | 1 | 52 | 60 | 76 2 |
| 87-8 | 50-51 5 | 0 | 2 | 9 | 19 | 48 | 81 | 84 | 92 7 |
| 87-10 | 30-31 5 | | | | 0 | 1 | 40 | 53 | 70 7 |
| 87-12 | 31-33 | | | | 0 | 2 | 59 | 65 | 72 7 |
| 87-14 | 14-15 | | | | 0 | 1 | 57 | 68 | 89 6 |
| 87-14 | 30-31 5 | | | | 0 | 1 | 41 | 48 | 67 6 |

* T denotes that a trace (<1%) of material was retained

Determinations of the distribution of particle sizes in twelve samples of subsurface materials were made in accordance with AASHTO T 88-78, Standard Method of Particle Size Analysis of Soils The composition of each of these samples is presented in Table 3 (see Figure 1)

Constant head permeability tests were performed on two undisturbed samples of subsurface materials The permeability test results are shown in Table 4

TABLE 4
Permeability Test Data

| Sample Type | Boring No | Depth ft | Dry Density lb/ft$^3$ | Coefficient of Permeability cm/sec | ft/yr |
|---|---|---|---|---|---|
| Undisturbed | 87-5 | 43 6-44 1 | 94 3 | 1 10 x $10^{-6}$ | 1 1 |
| Undisturbed | 87 5 | 44-6-45 1 | 96 3 | 3 68 x $10^{-6}$ | 3 8 |

Respectfully submitted,

HWS TECHNOLOGIES INC

Gary E Proskovec, P E

GEP/psw
GE02(A)
47/4020 00
Enclosures
Original & 1 cc HWS Technologies Inc

## APPENDIX III

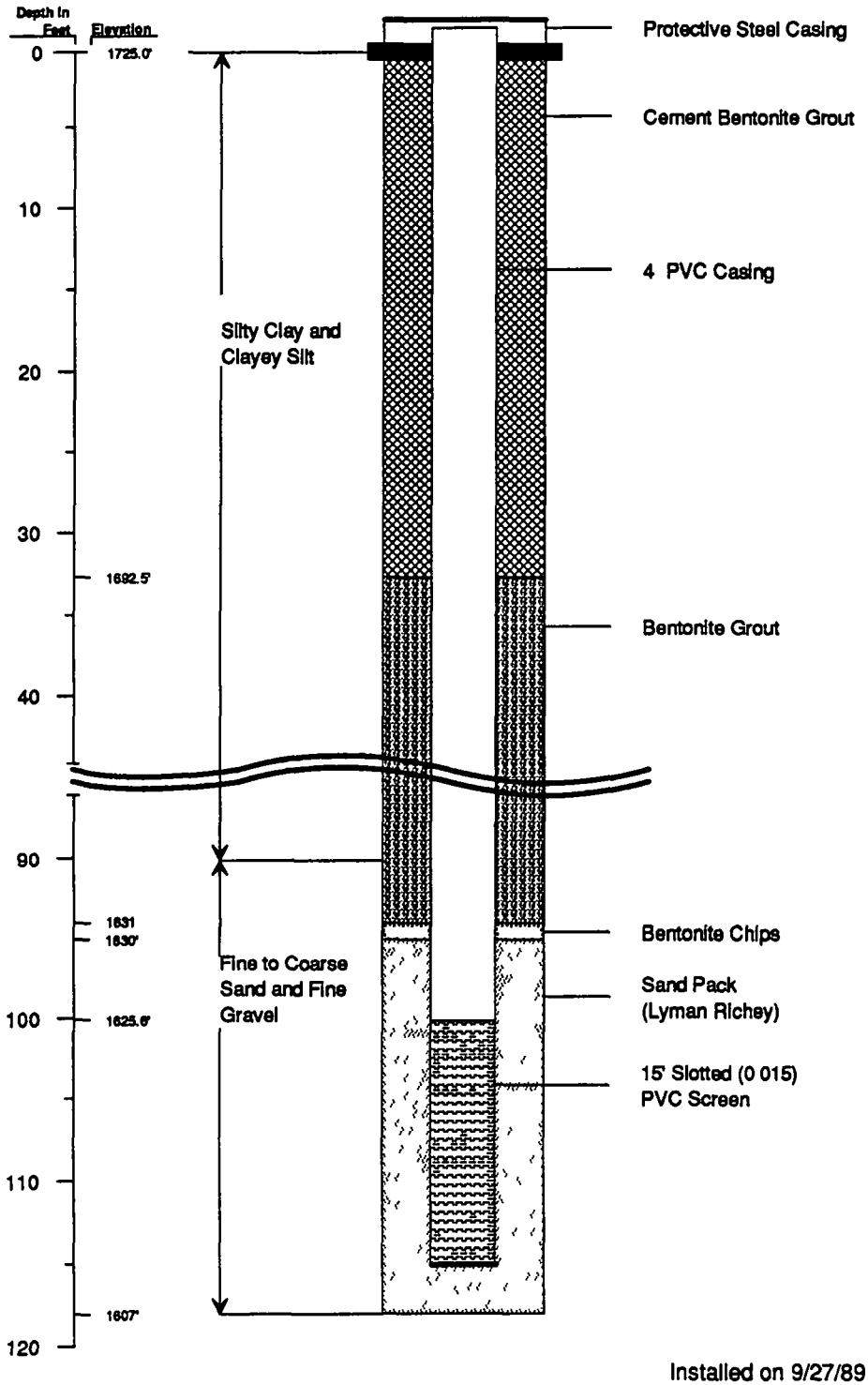
WELL CONSTRUCTION/ABANDONMENT DIAGRAMS

## APPENDIX III

A MW89-9 through MW89-15

# Well Construction Diagram

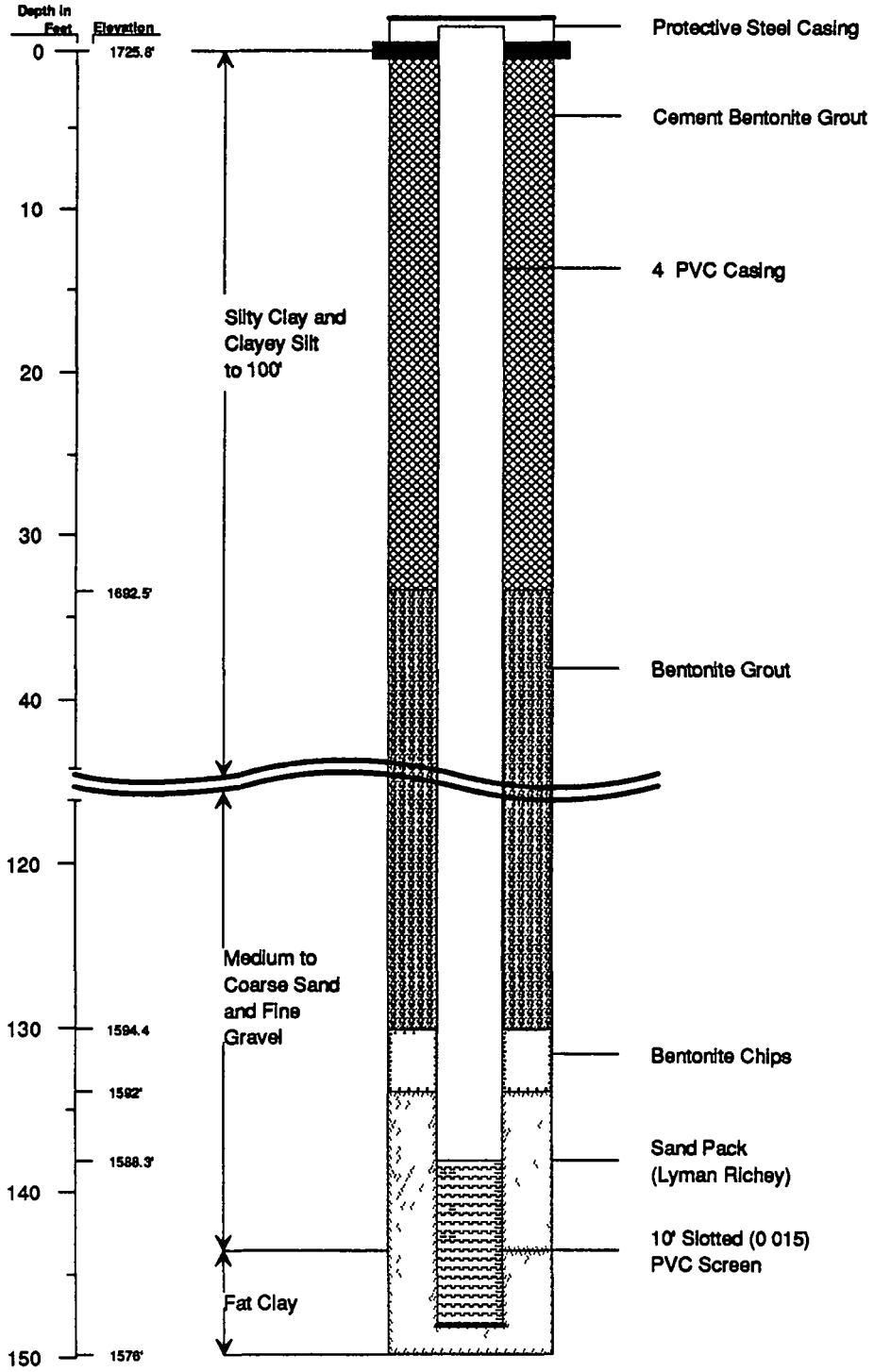
## Monitoring Well MW89-9A




Installed on 9/27/89 by Christensen Drilling
D&M Supervision by p Skiba

# Well Construction Diagram

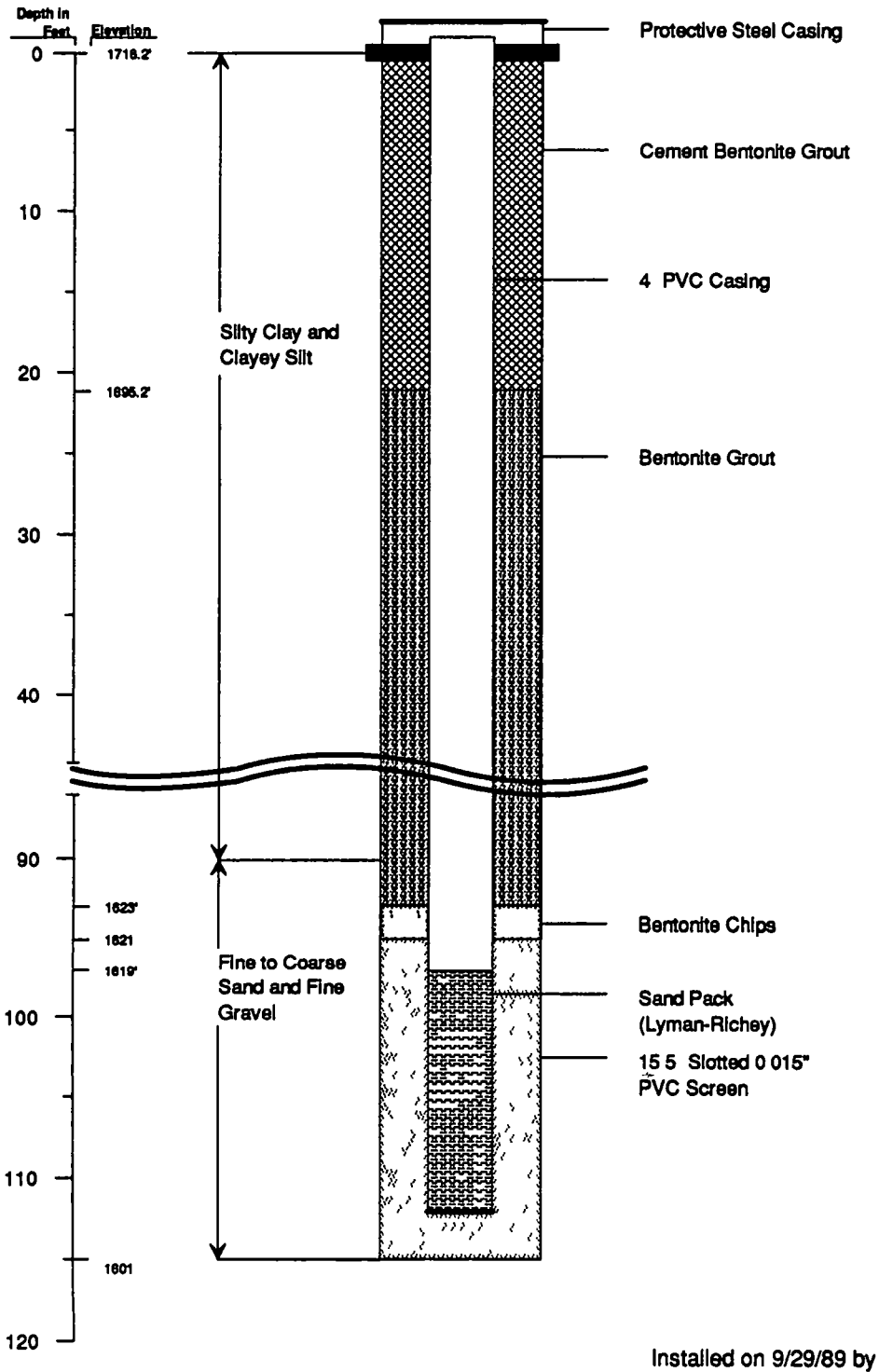
## Monitoring Well MW89-9B




Installed on 9/25/89 by Christensen Drilling
D&M Supervision by D Watterson

# Well Construction Diagram

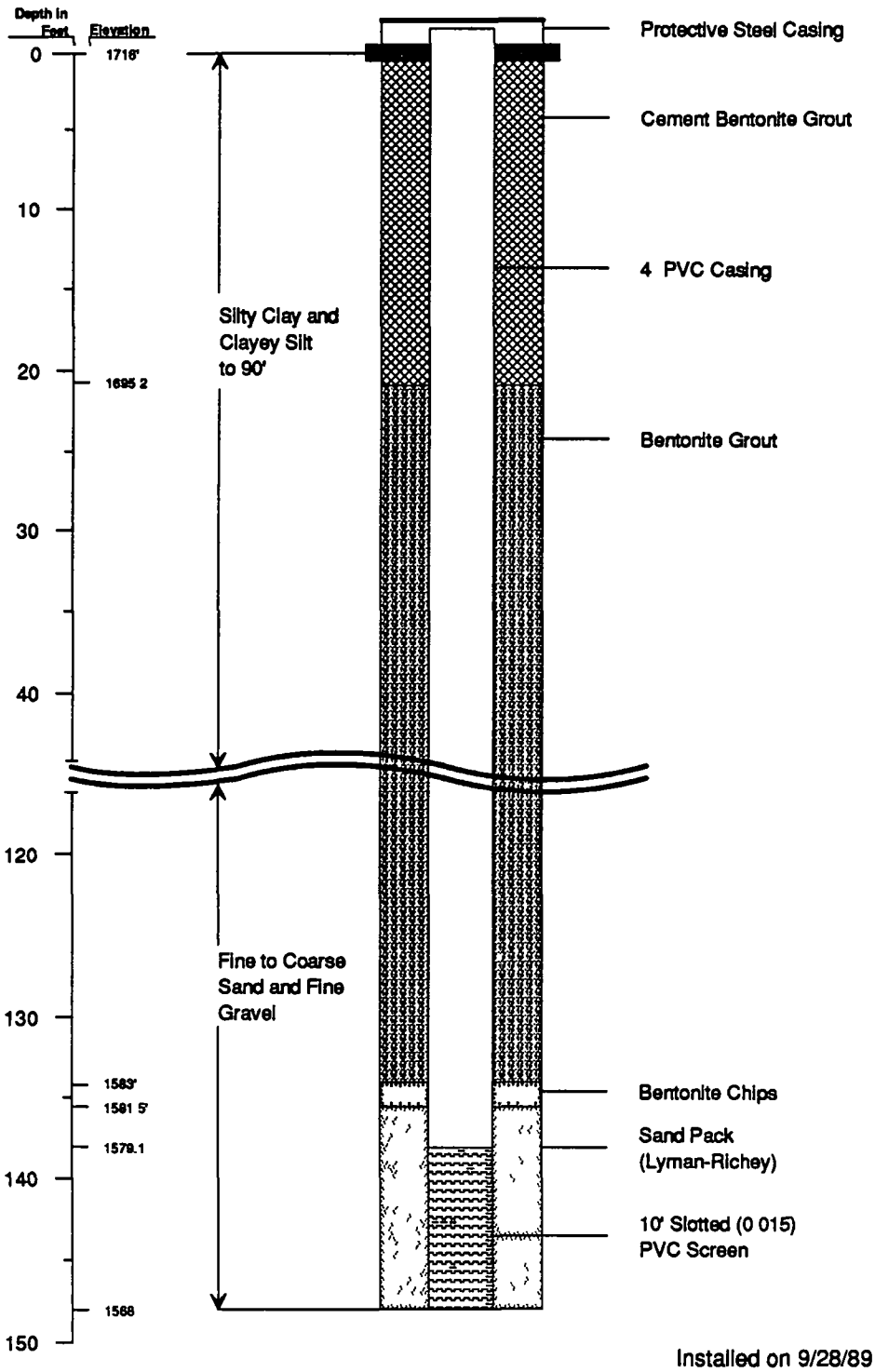
## Monitoring Well MW89-10A




Installed on 9/29/89 by Christensen Drilling
D&M Supervision by D Watterson

# Well Construction Diagram

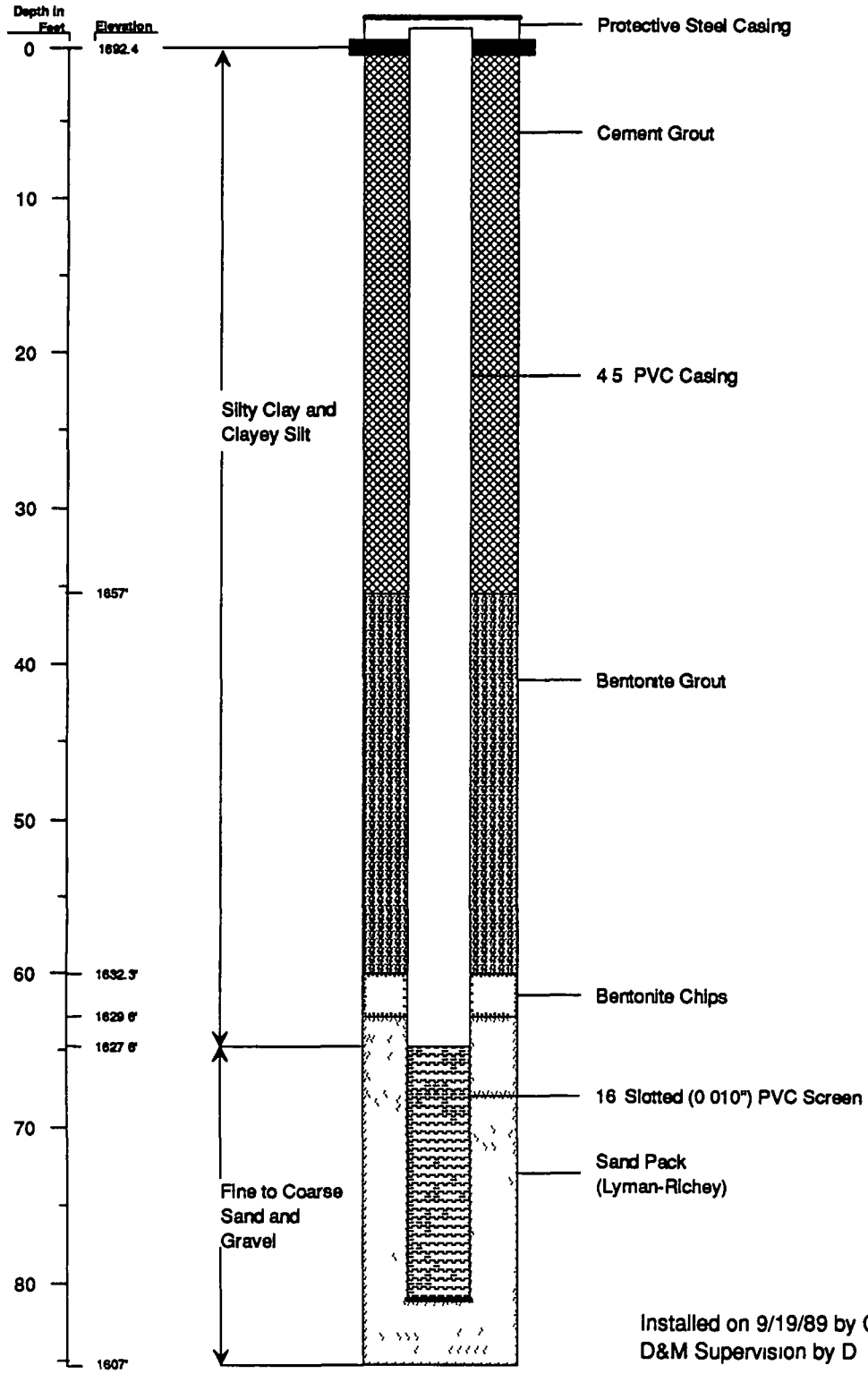
## Monitoring Well MW89-10B




Installed on 9/28/89 by Christensen Drilling
D&M Supervision by D Watterson

# Well Construction Diagram

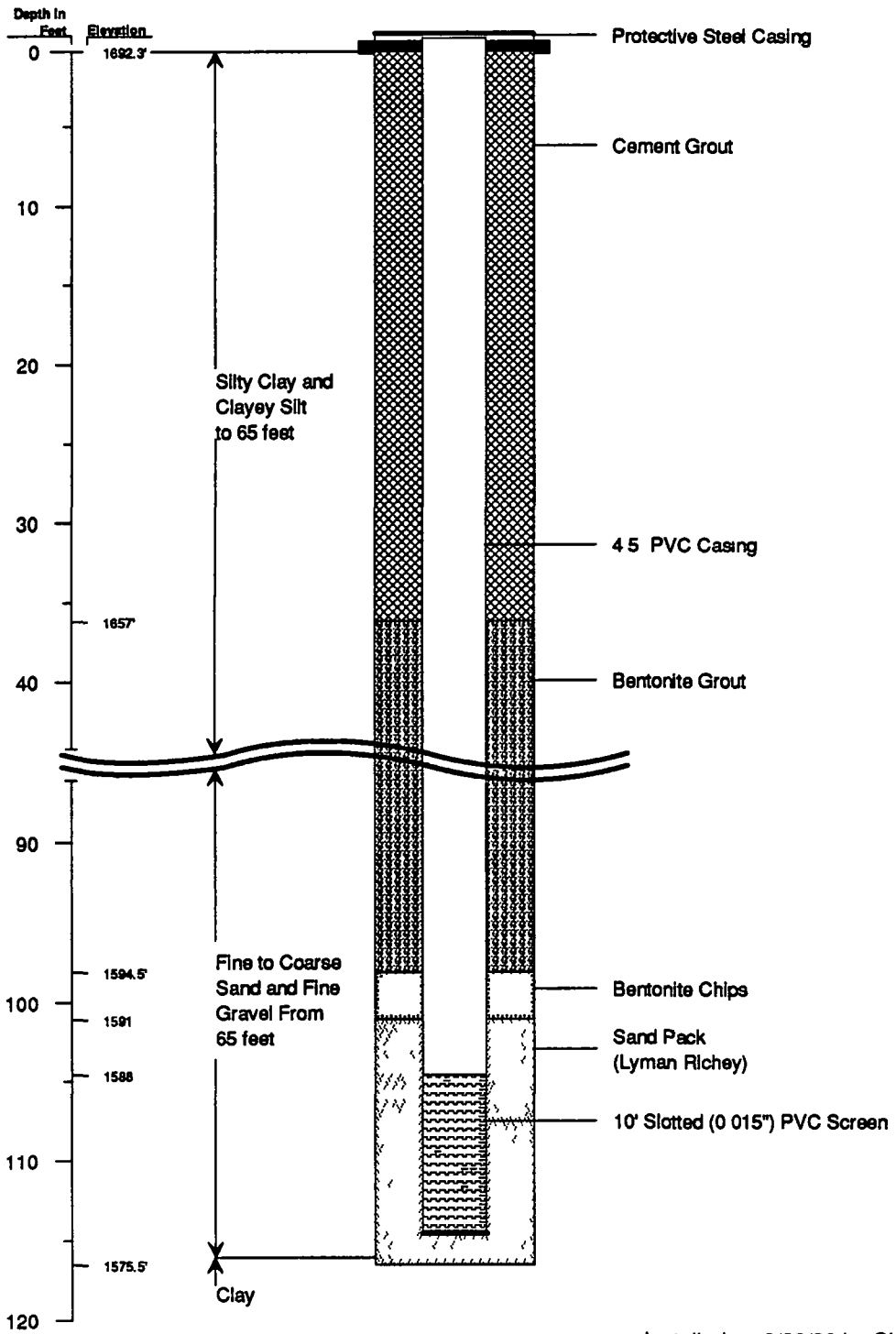
## Monitoring Well MW89-11A




Installed on 9/19/89 by Christensen Drilling
D&M Supervision by D. Watterson

# Well Construction Diagram

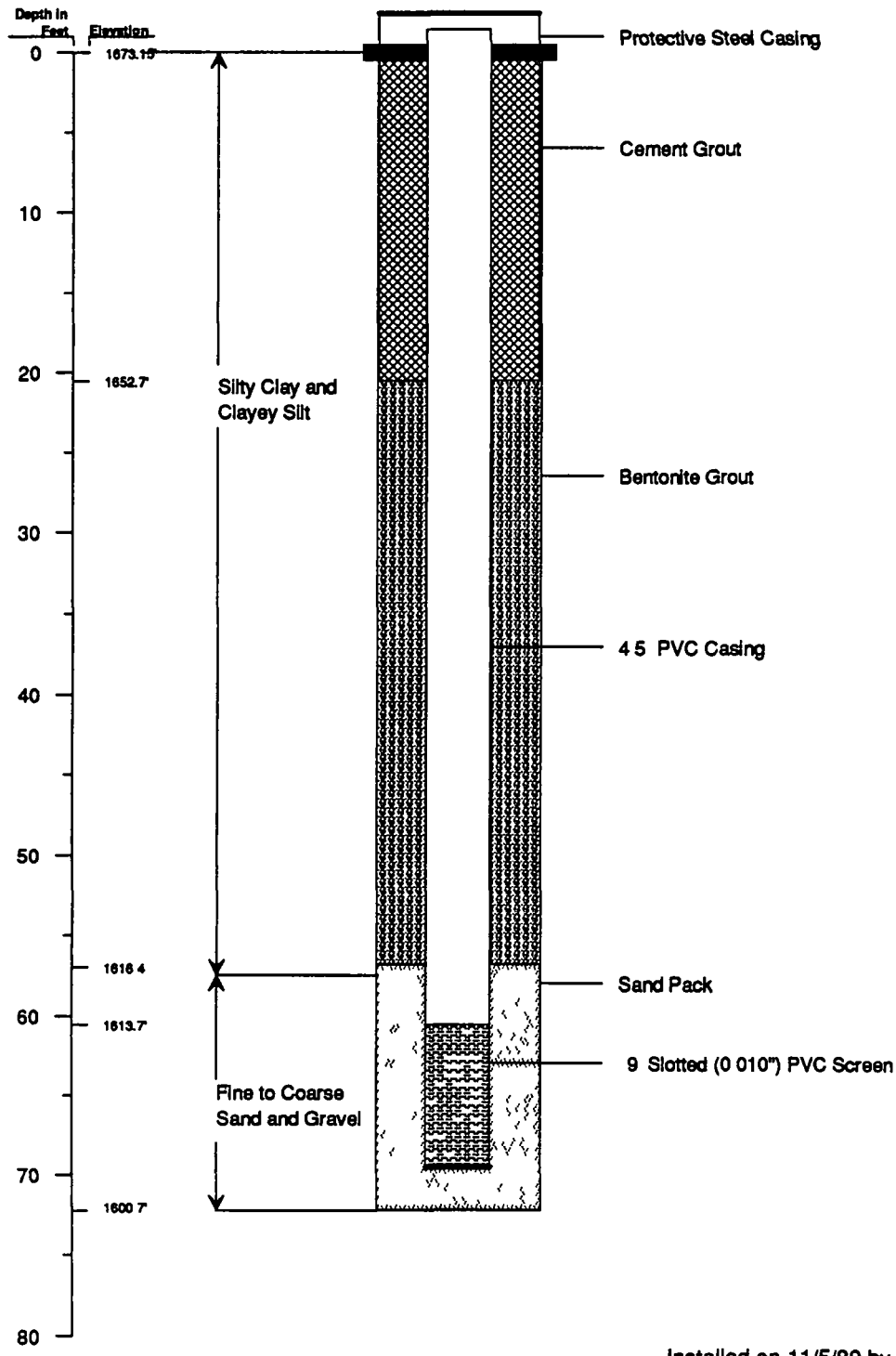
## Monitoring Well MW89-11B




Installed on 9/20/89 by Christensen Drilling
D&M Supervision by D Watterson

# Well Construction Diagram

## Monitoring Well MW89-12

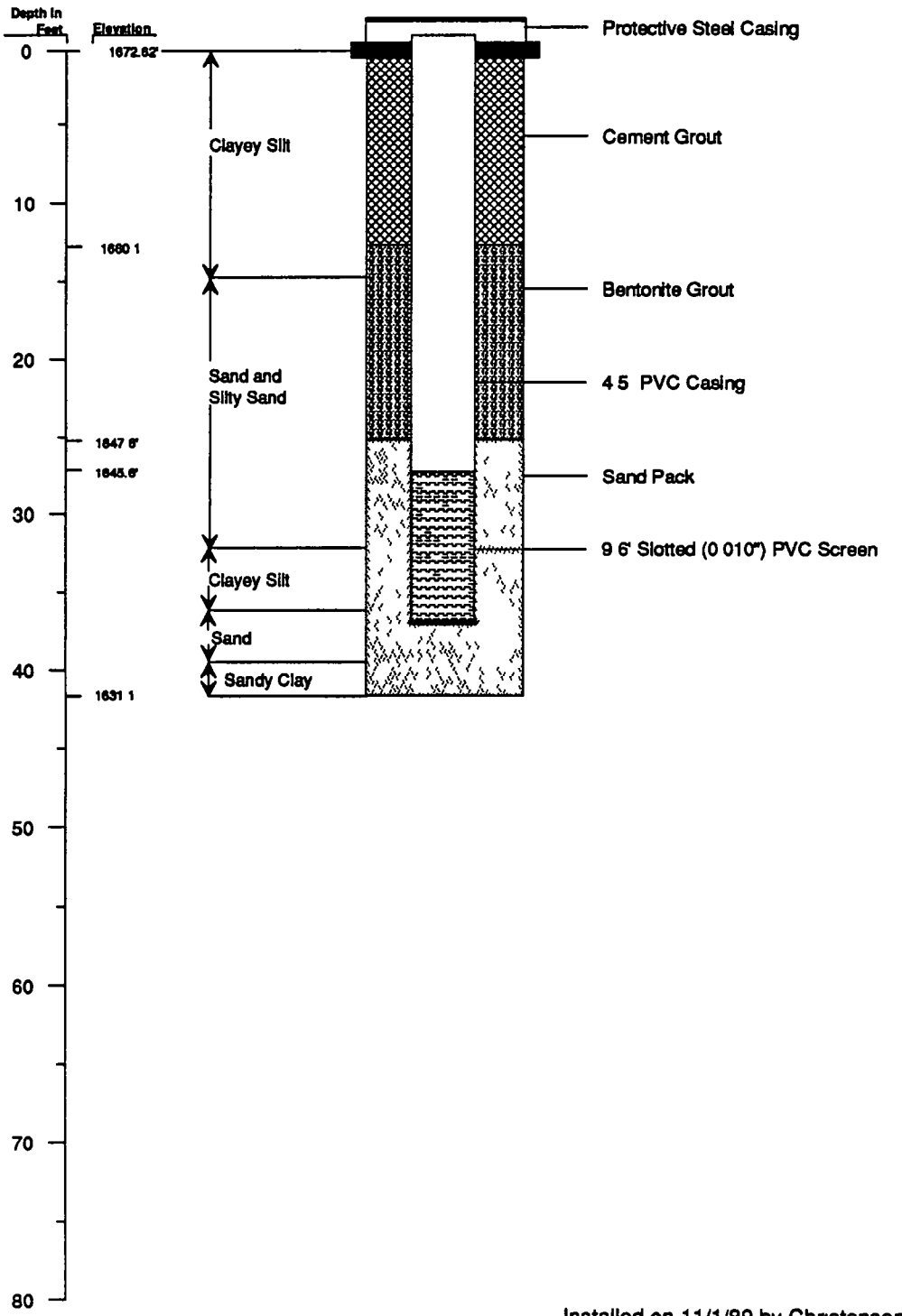



Note Well installed on 11/01/89

Installed on 11/5/89 by Christensen Drilling
D&M Supervision by D Watterson

# Well Construction Diagram

## Monitoring Well MW89-13

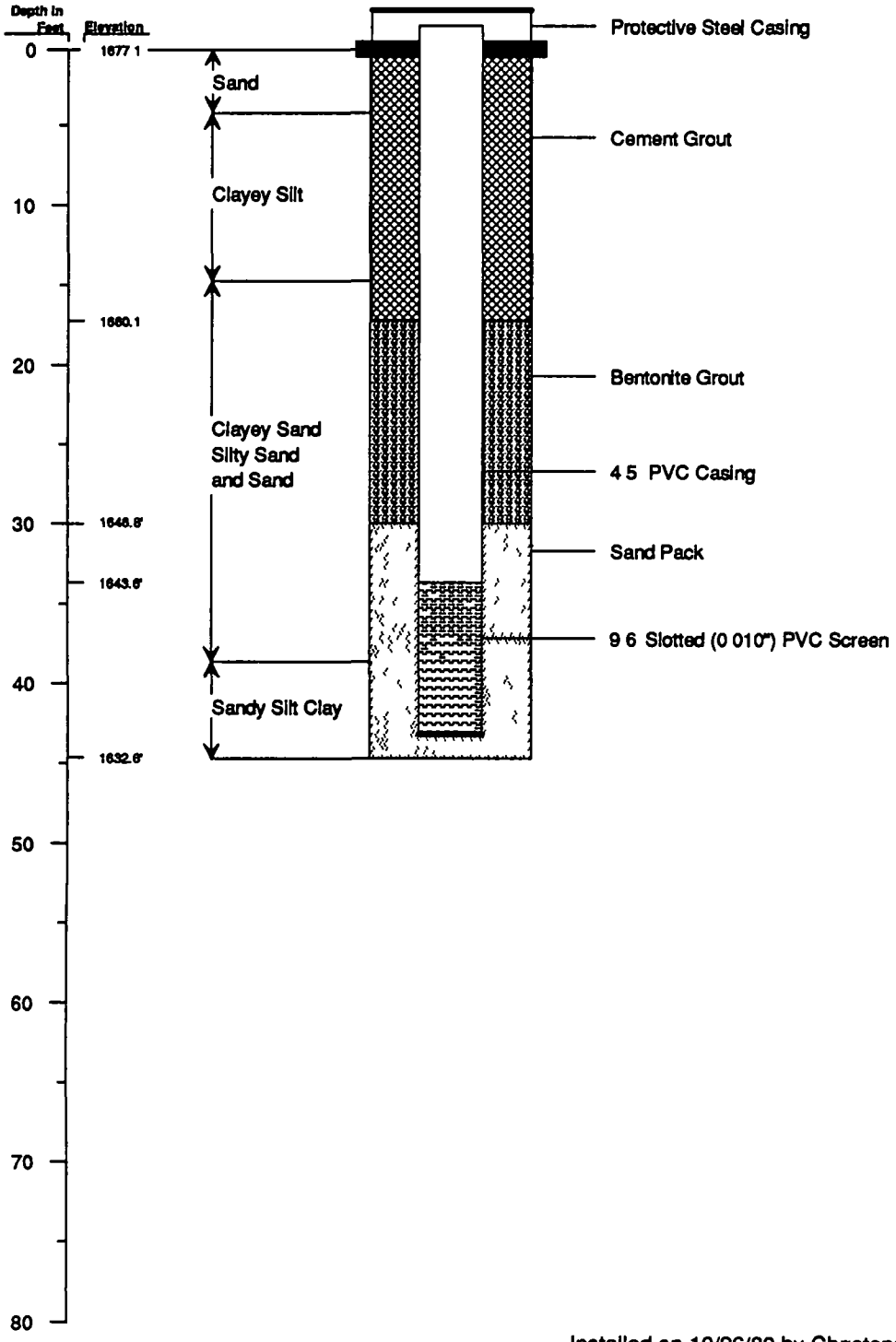



Installed on 11/1/89 by Christensen Drilling
D&M Supervision by D Watterson

Note Well installed on 11/01/89

# Well Construction Diagram

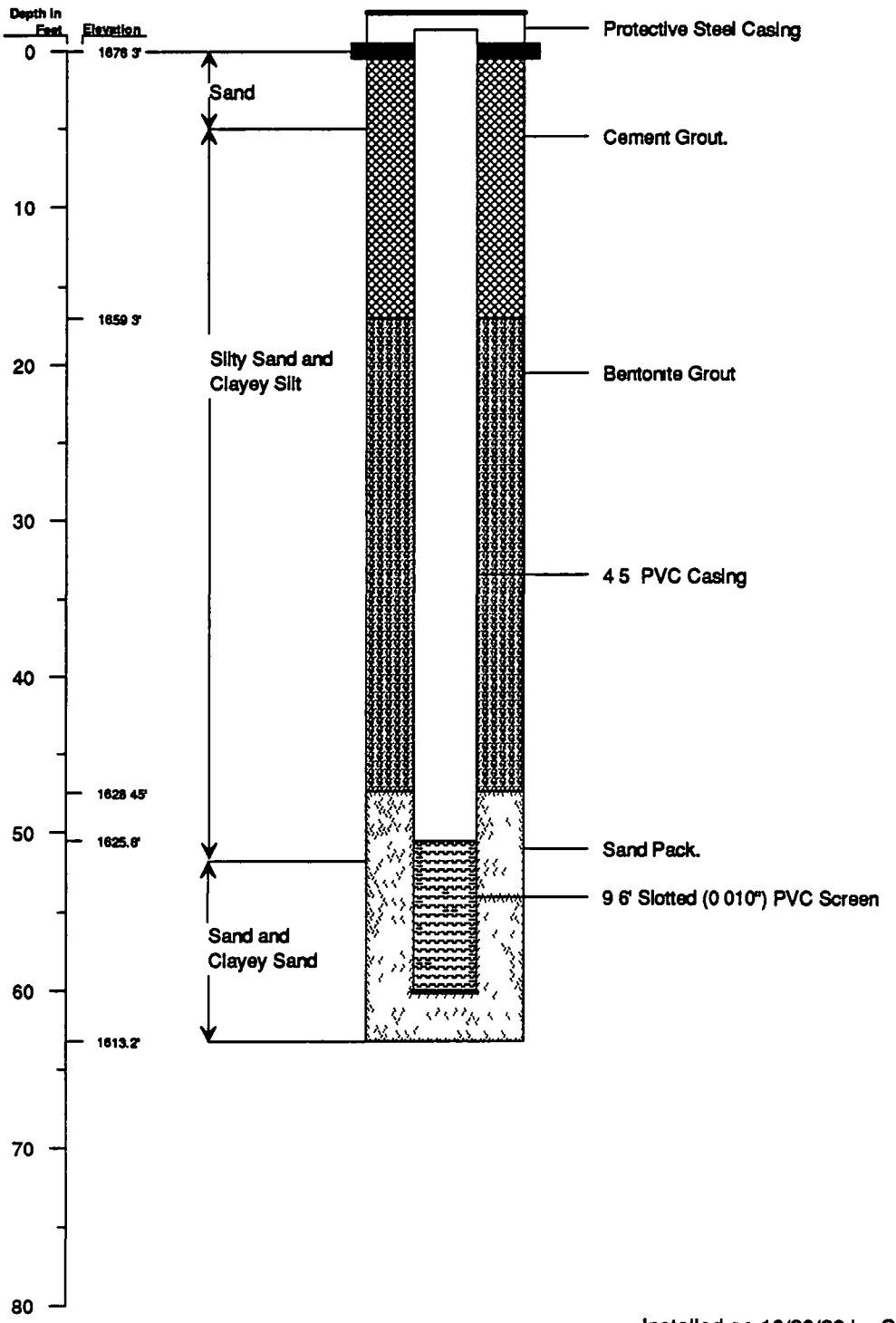
## Monitoring Well MW89-14




Installed on 10/26/89 by Christensen Drilling
D&M Supervision by D Watterson

# Well Construction Diagram

## Monitoring Well MW89-15



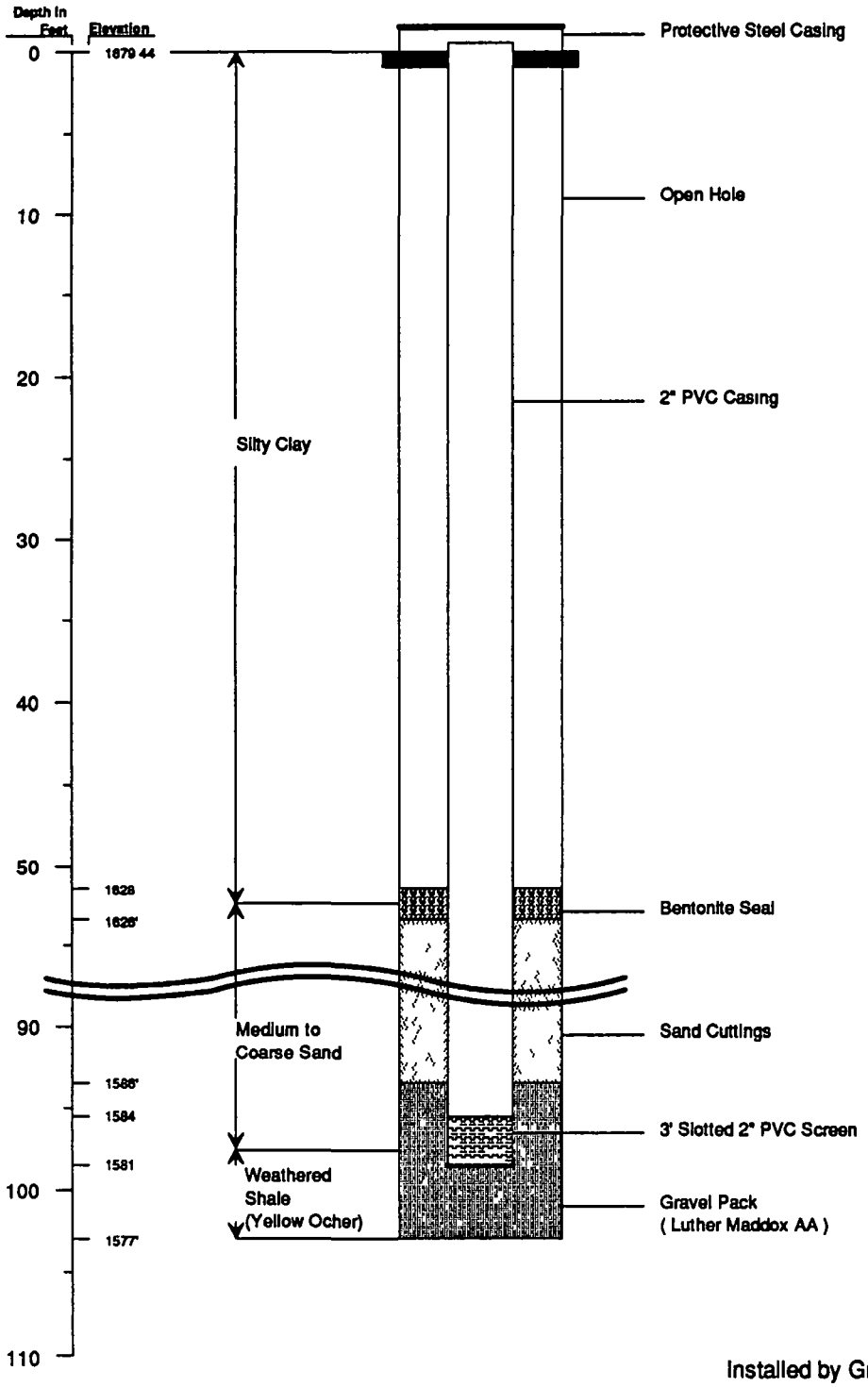

Installed on 10/29/89 by Christensen Drilling
D&M Supervision by D Watterson

## APPENDIX III

B TMW88-1 through TMW88-11

# Well Construction Diagram

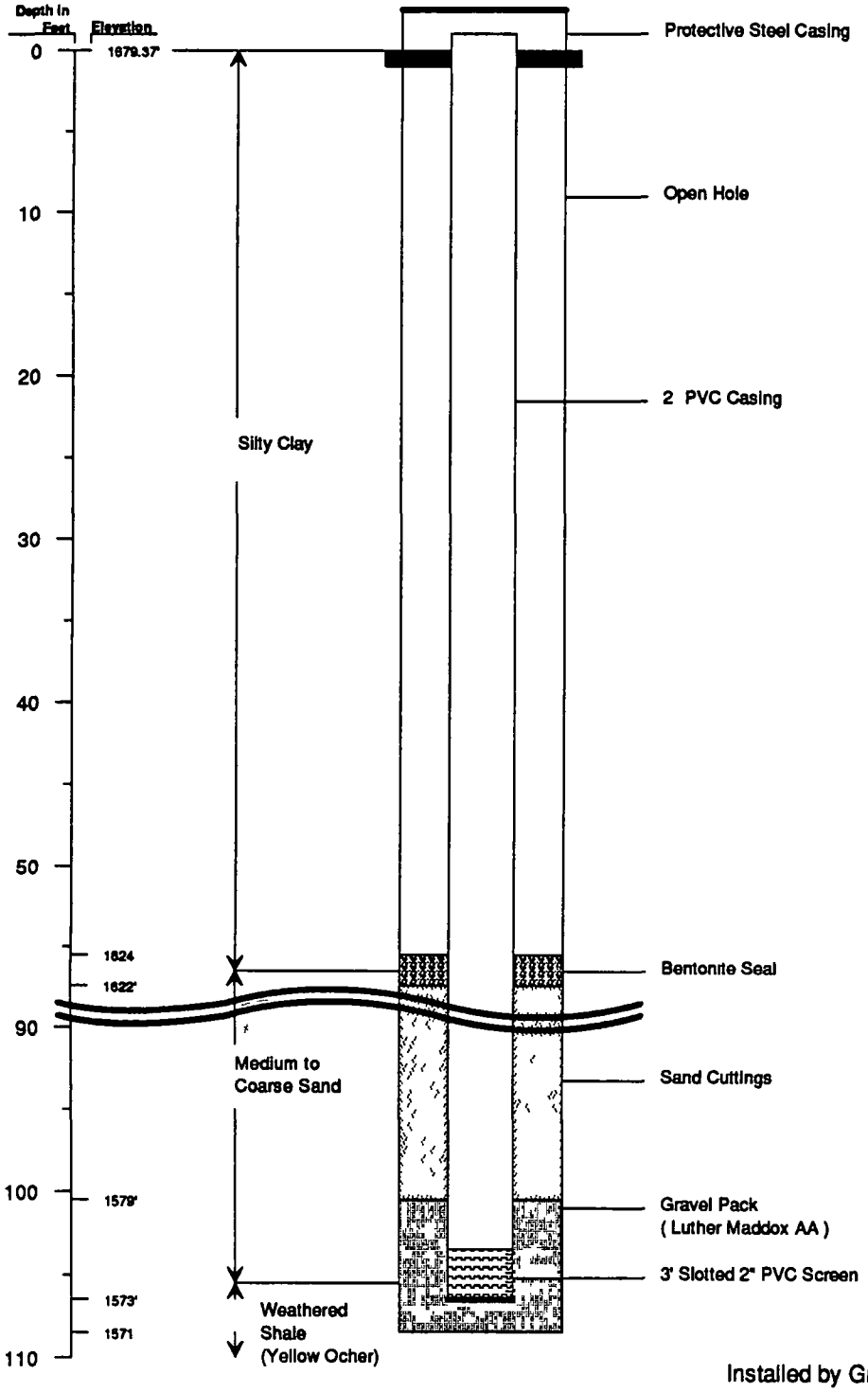
## Monitoring Well TMW88-1




Installed by Grosch Irrigation Co on 8/9/88
D&M Supervision by D Bjerklie

# Well Construction Diagram

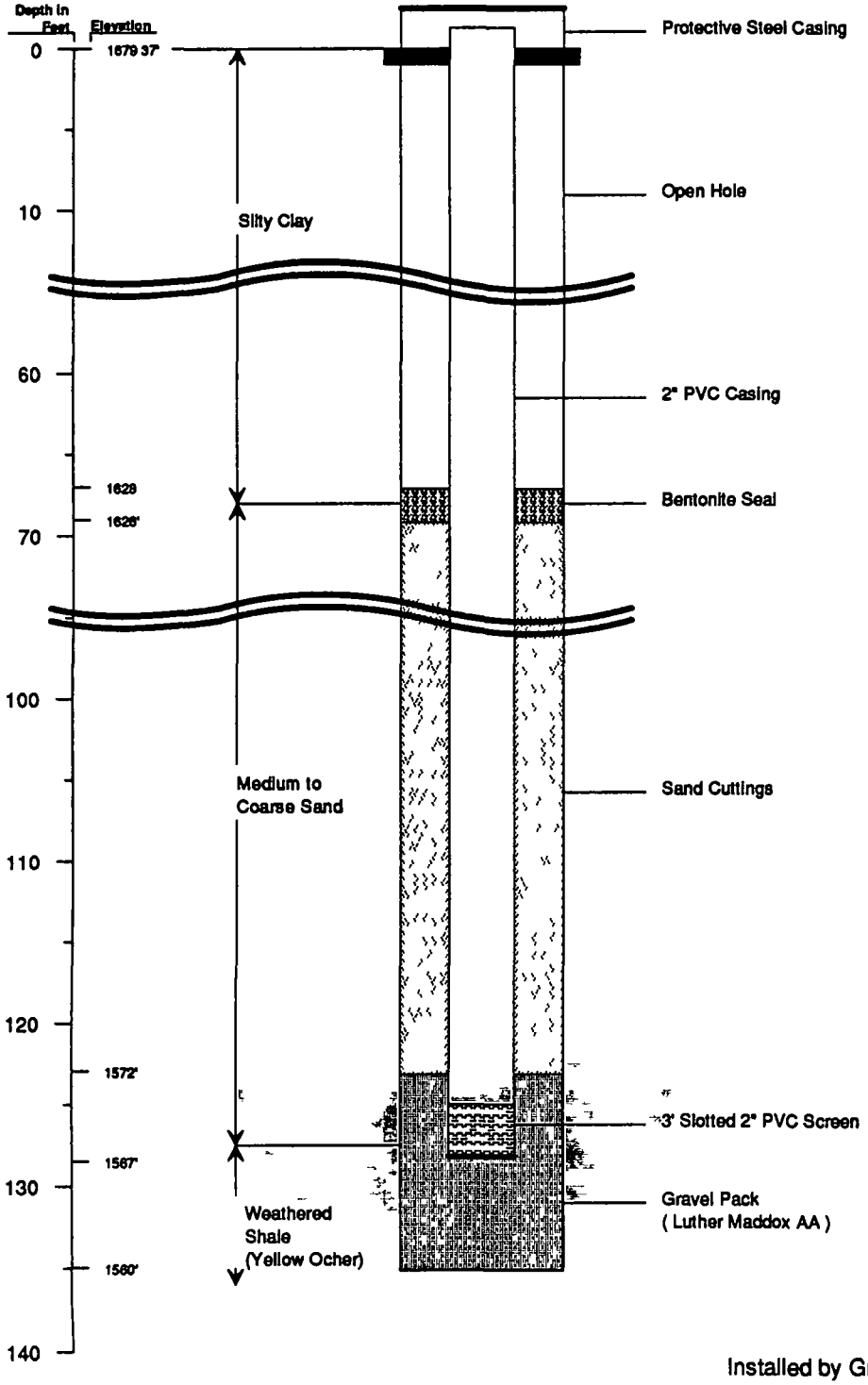
## Monitoring Well TMW88-3




Installed by Grosch Irrigation Co on 8/4/88
D&M Supervision by D Bjerklie

# Well Construction Diagram

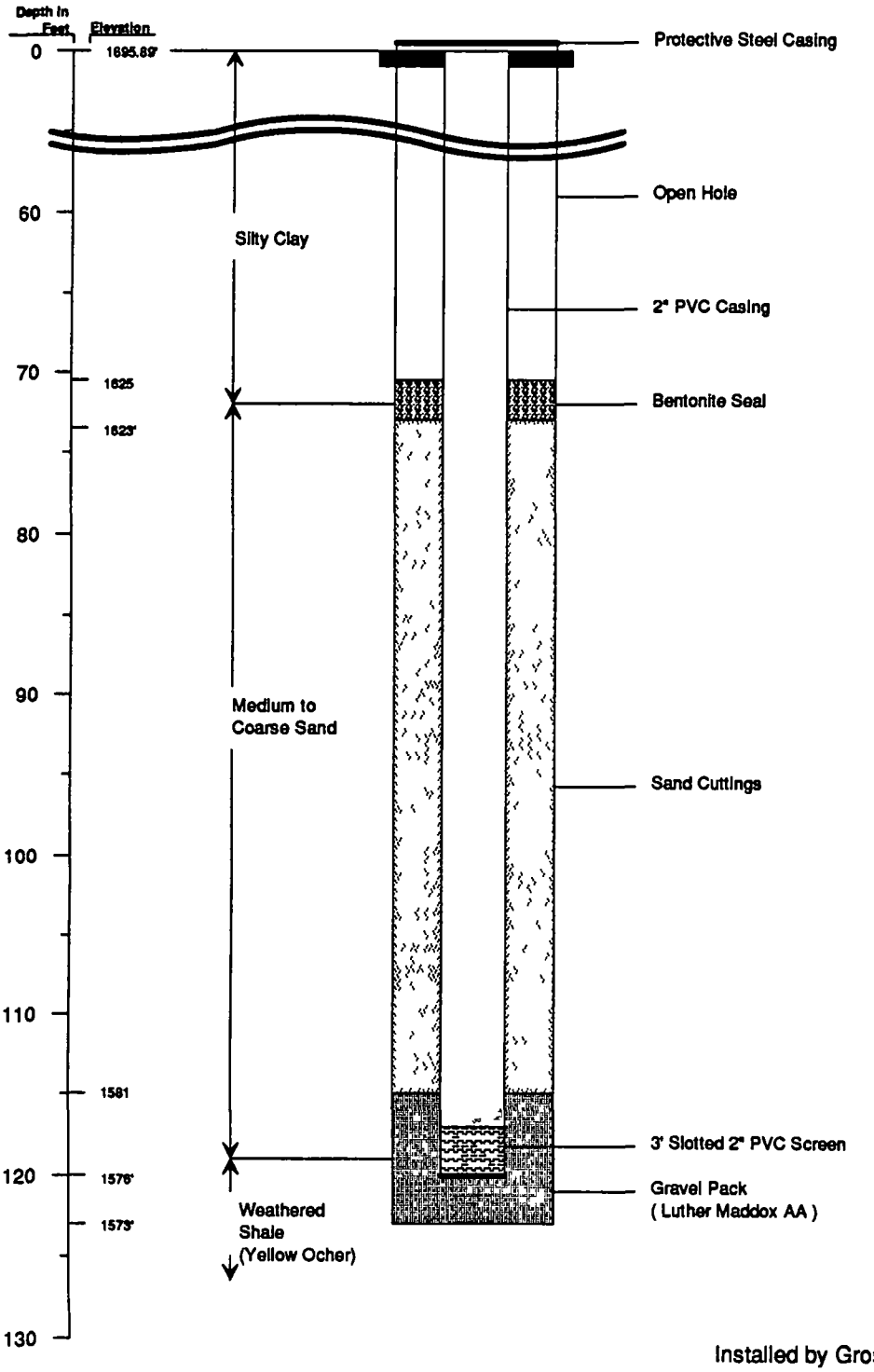
## Monitoring Well TMW88-4




Installed by Grosch Irrigation Co on 8/6/88
D&M Supervision by D Bjerklie

# Well Construction Diagram

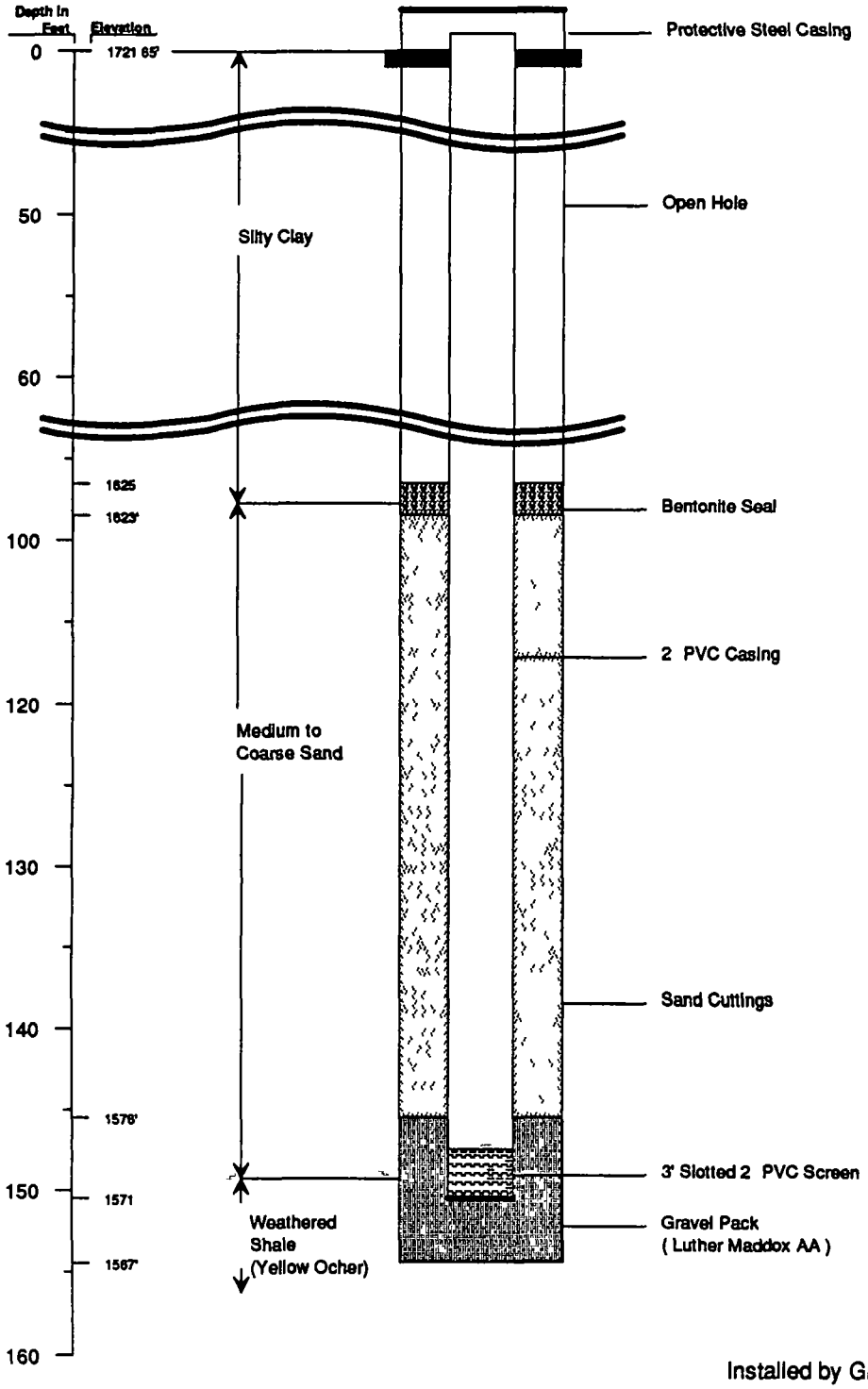
## Monitoring Well TMW88-5




Installed by Grosch Irrigation Co on 8/4/88
D&M Supervision by D Bjerklie

# Well Construction Diagram

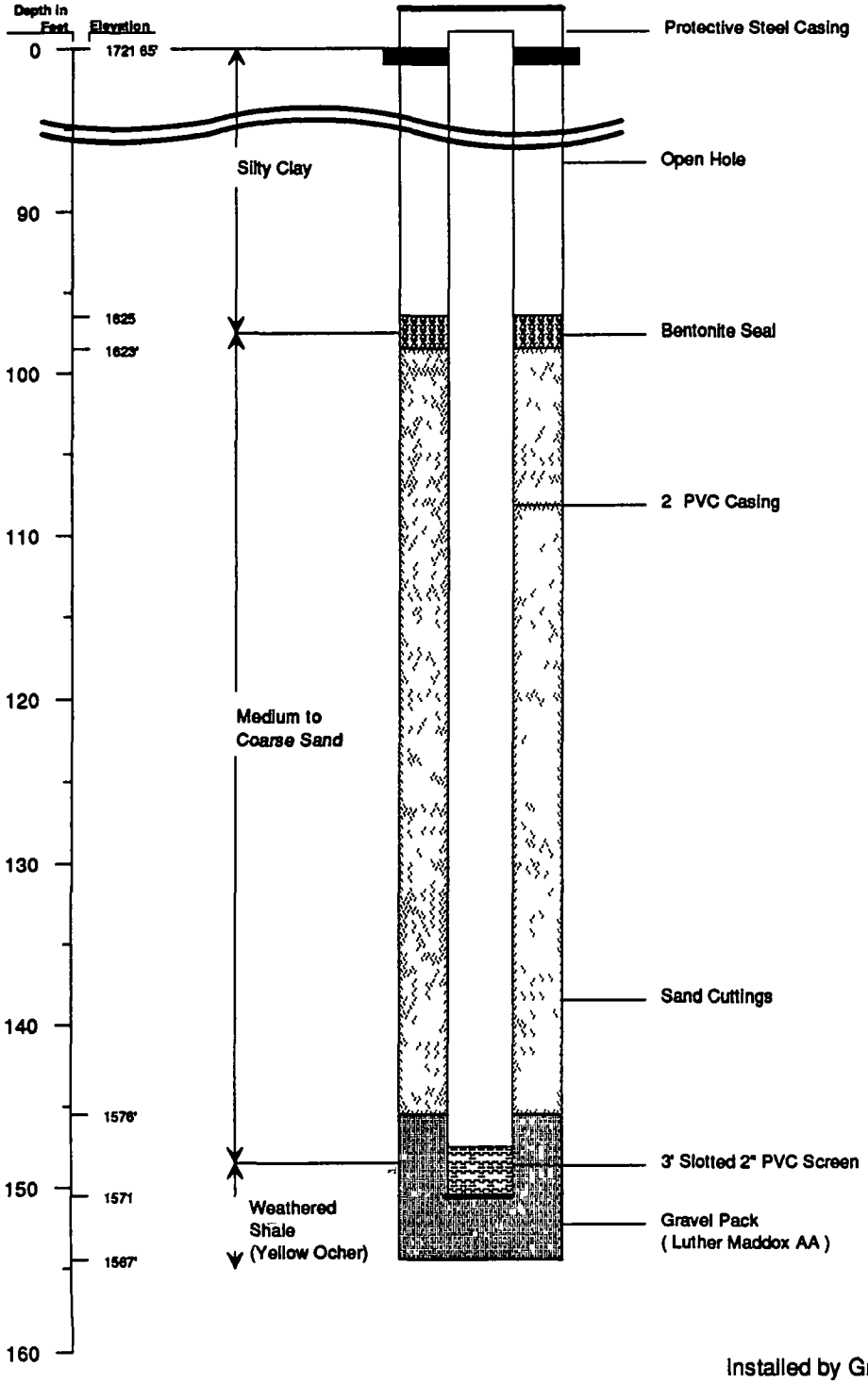
## Monitoring Well TMW88-6




Installed by Grosch Irrigation Co on 8/5/88
D&M Supervision by D Bjerklie

# Well Construction Diagram

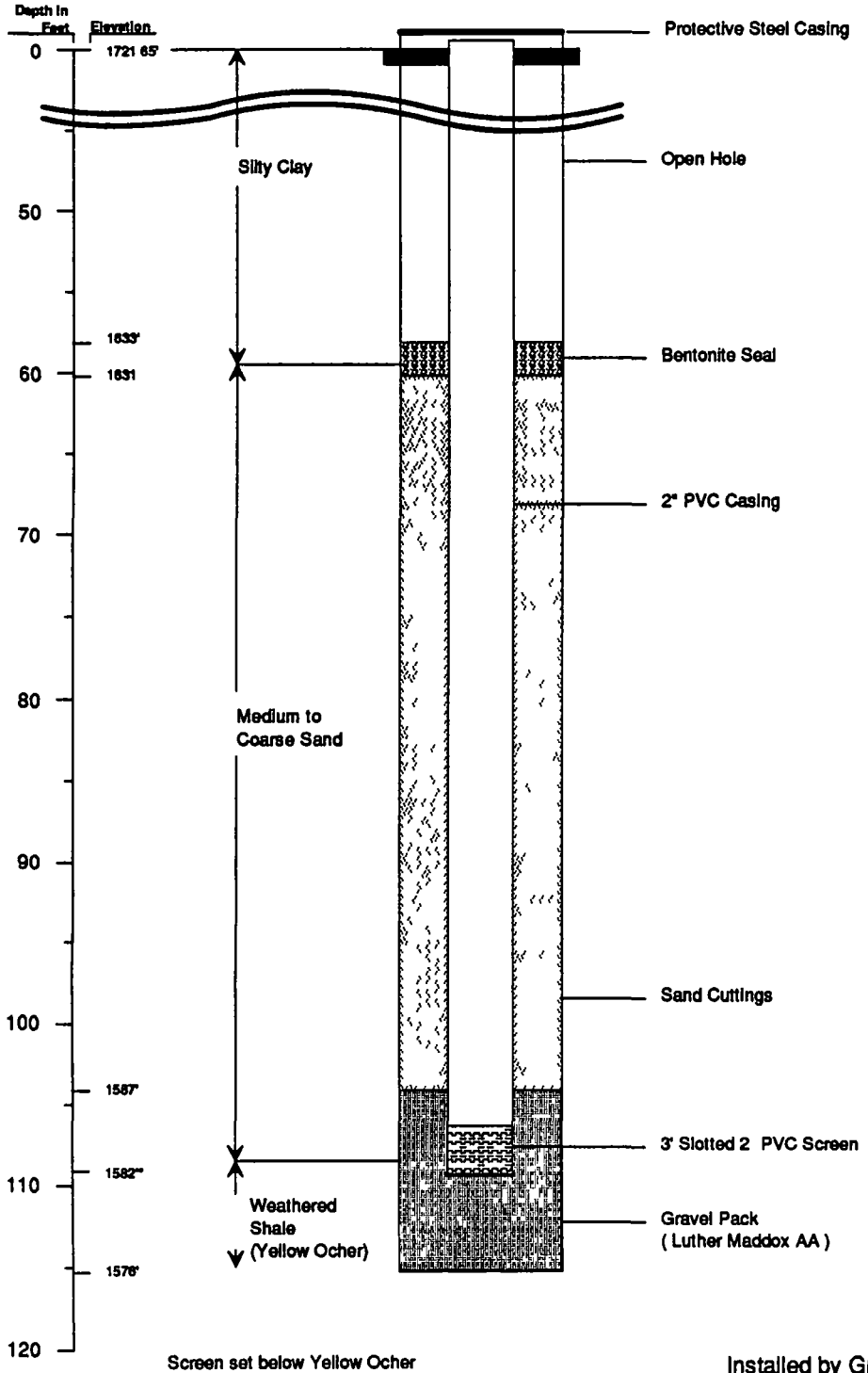
## Monitoring Well TMW88-7




Installed by Grosch Irrigation Co on 8/7/88
D&M Supervision by D Bjerklie

# Well Construction Diagram

## Monitoring Well TMW88-8

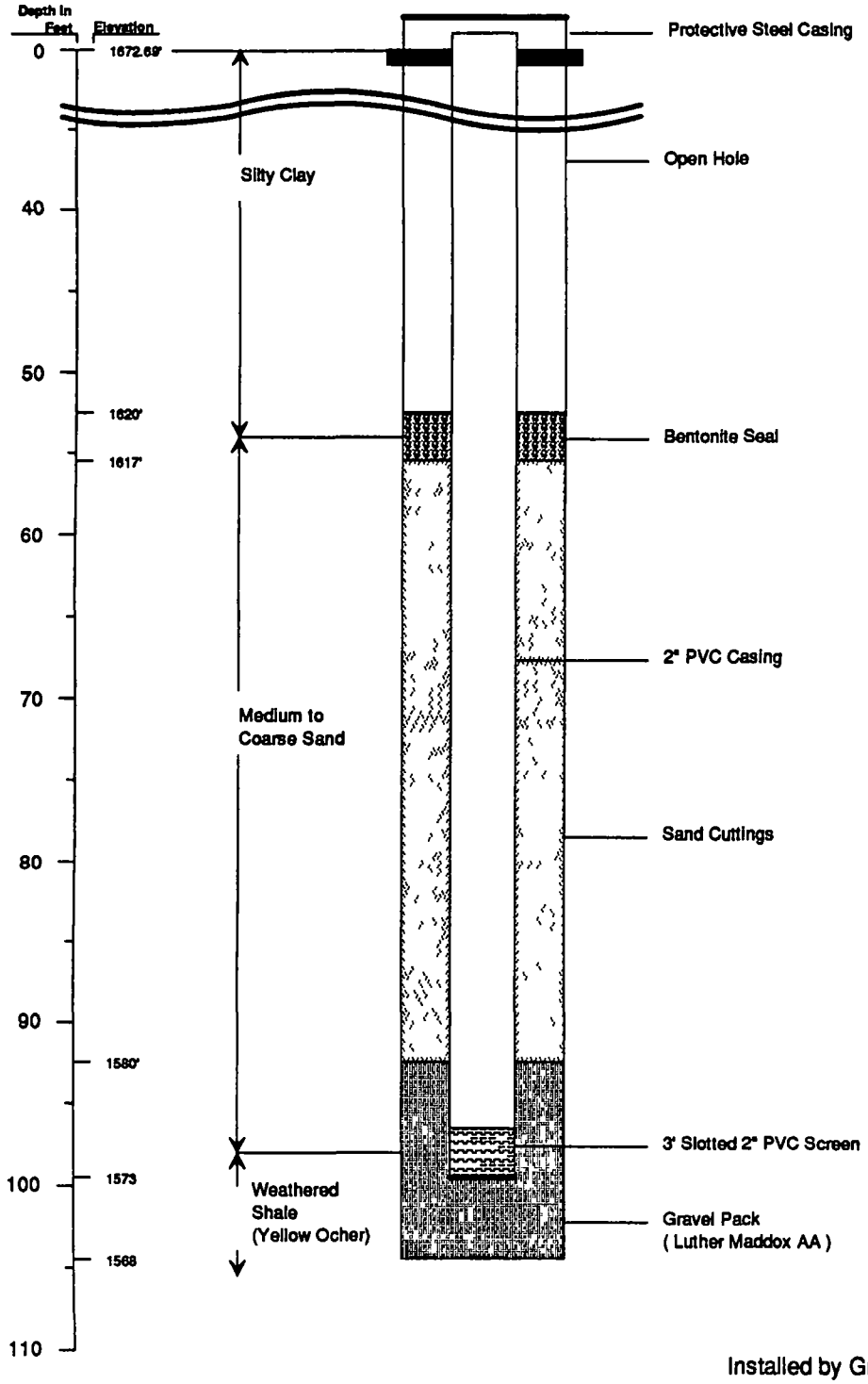



Screen set below Yellow Ocher due to hole caving in and reluctance to use drilling mud

Installed by Grosch Irrigation Co on 8/10/88
D&M Supervision by D Bjerklie

# Well Construction Diagram

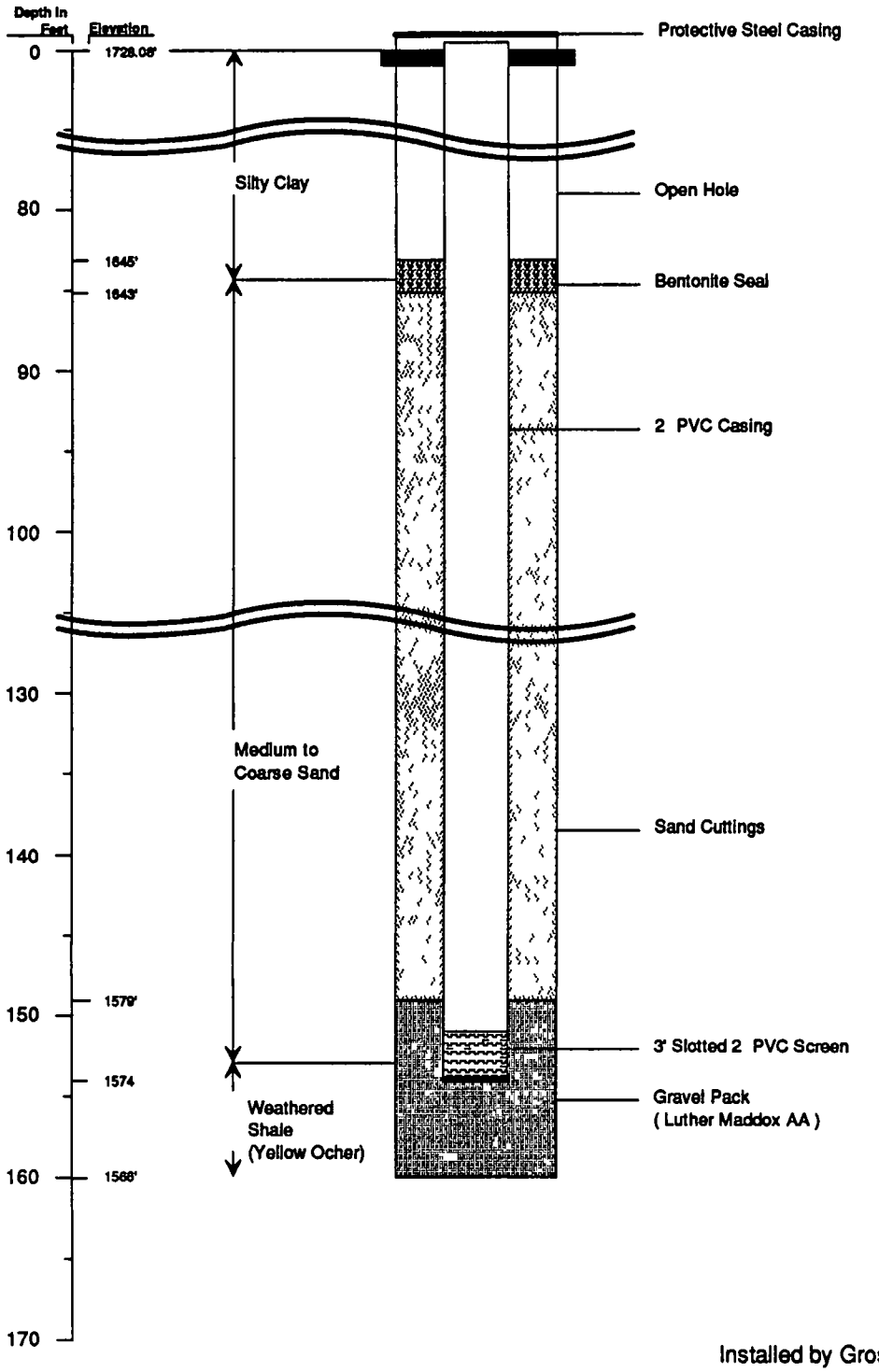
## Monitoring Well TMW88-9




Installed by Grosch Irrigation Co on 8/3/88
D&M Supervision by D Bjerklie

# Well Construction Diagram

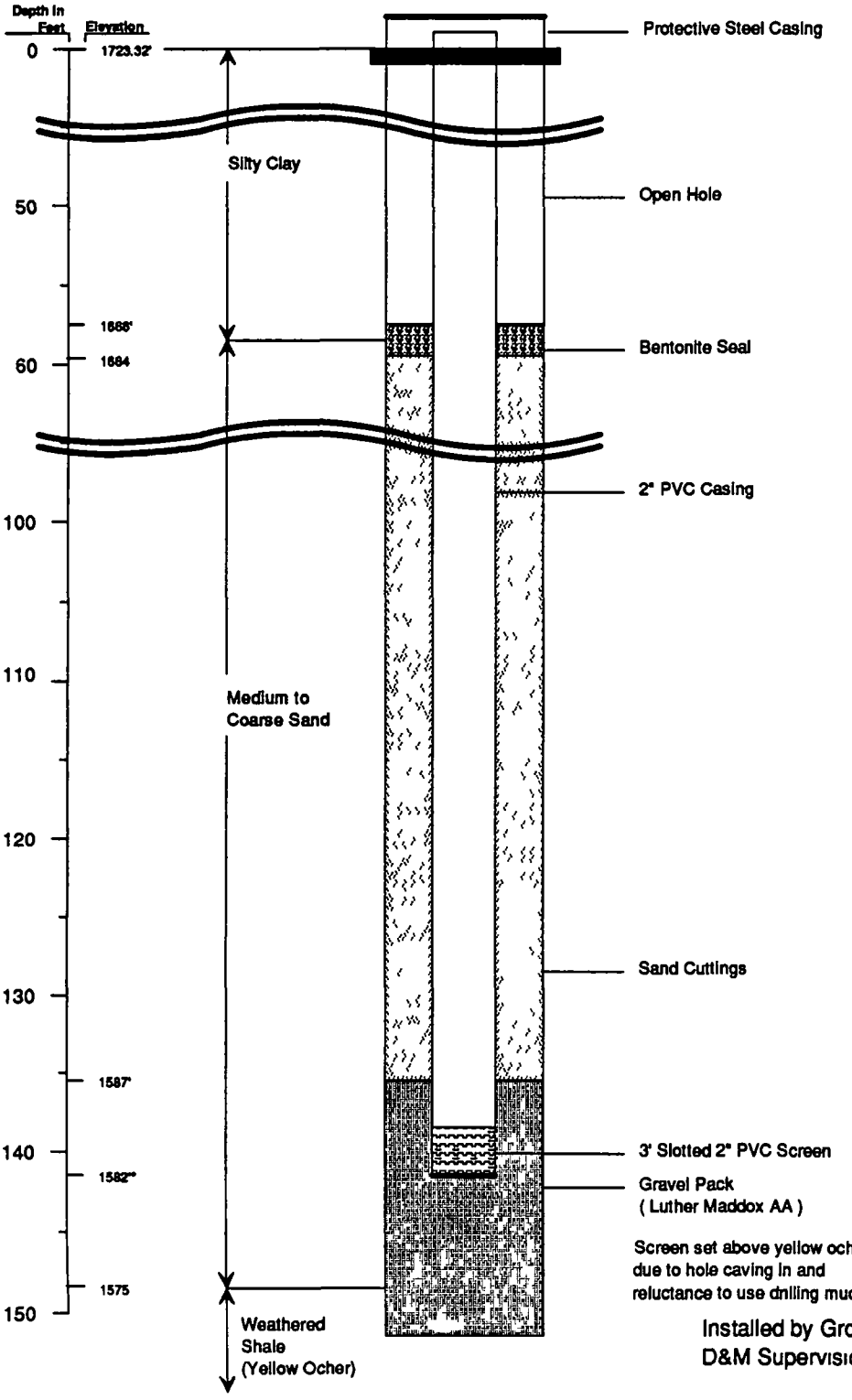
## Monitoring Well TMW88-10




Installed by Grosch Irrigation Co on 8/9/88
D&M Supervision by D Bjerklie

# Well Construction Diagram

## Monitoring Well TMW88-11

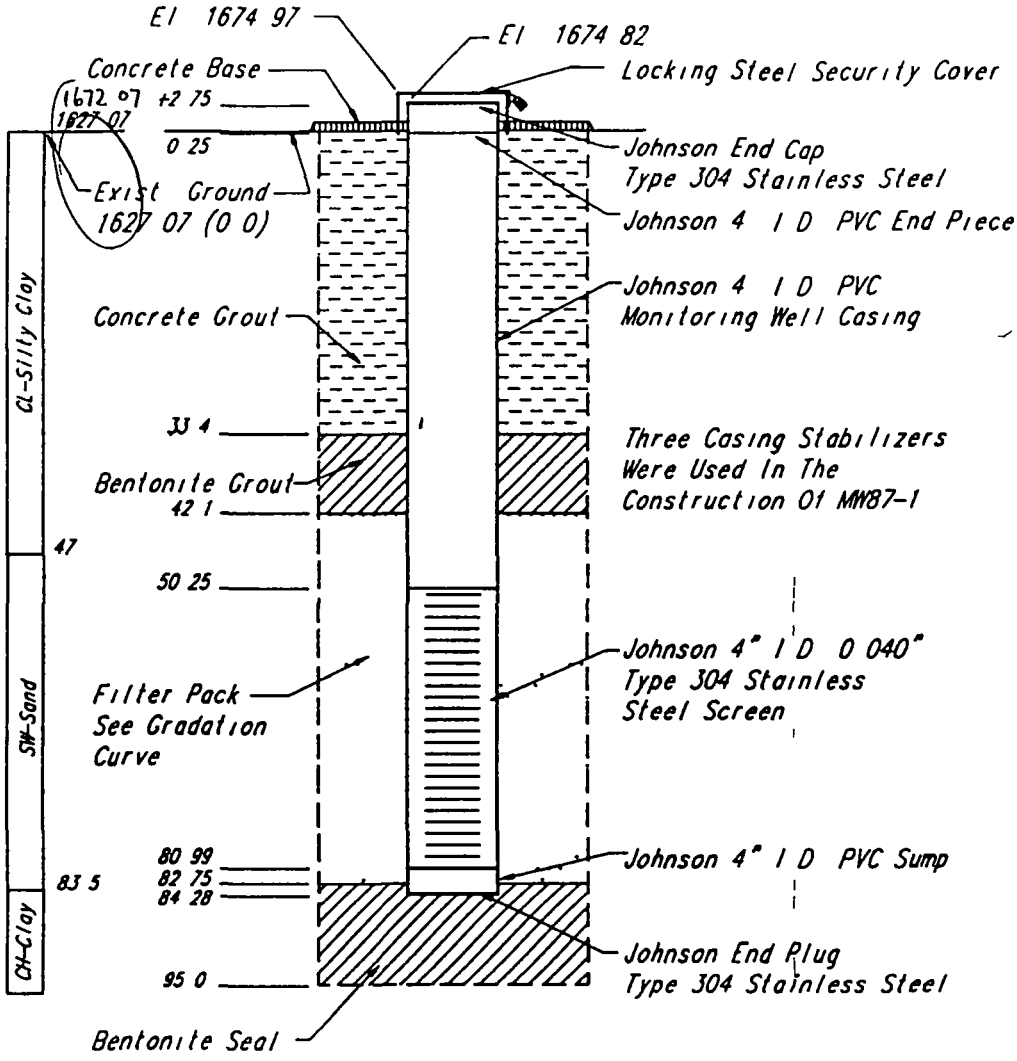



Installed by Grosch Irrigation Co on 8/11/88.
D&M Supervision by D Bjerklie

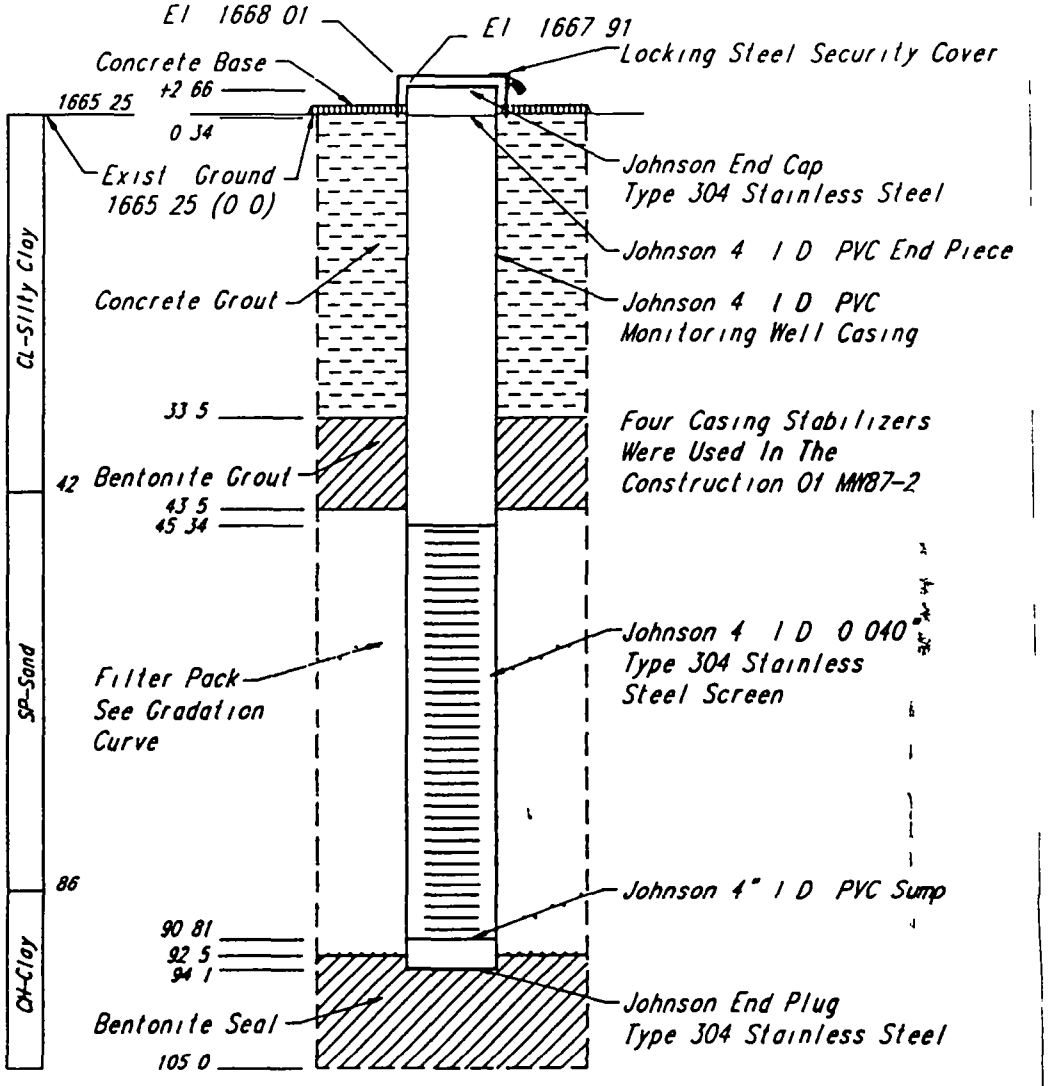
## APPENDIX III

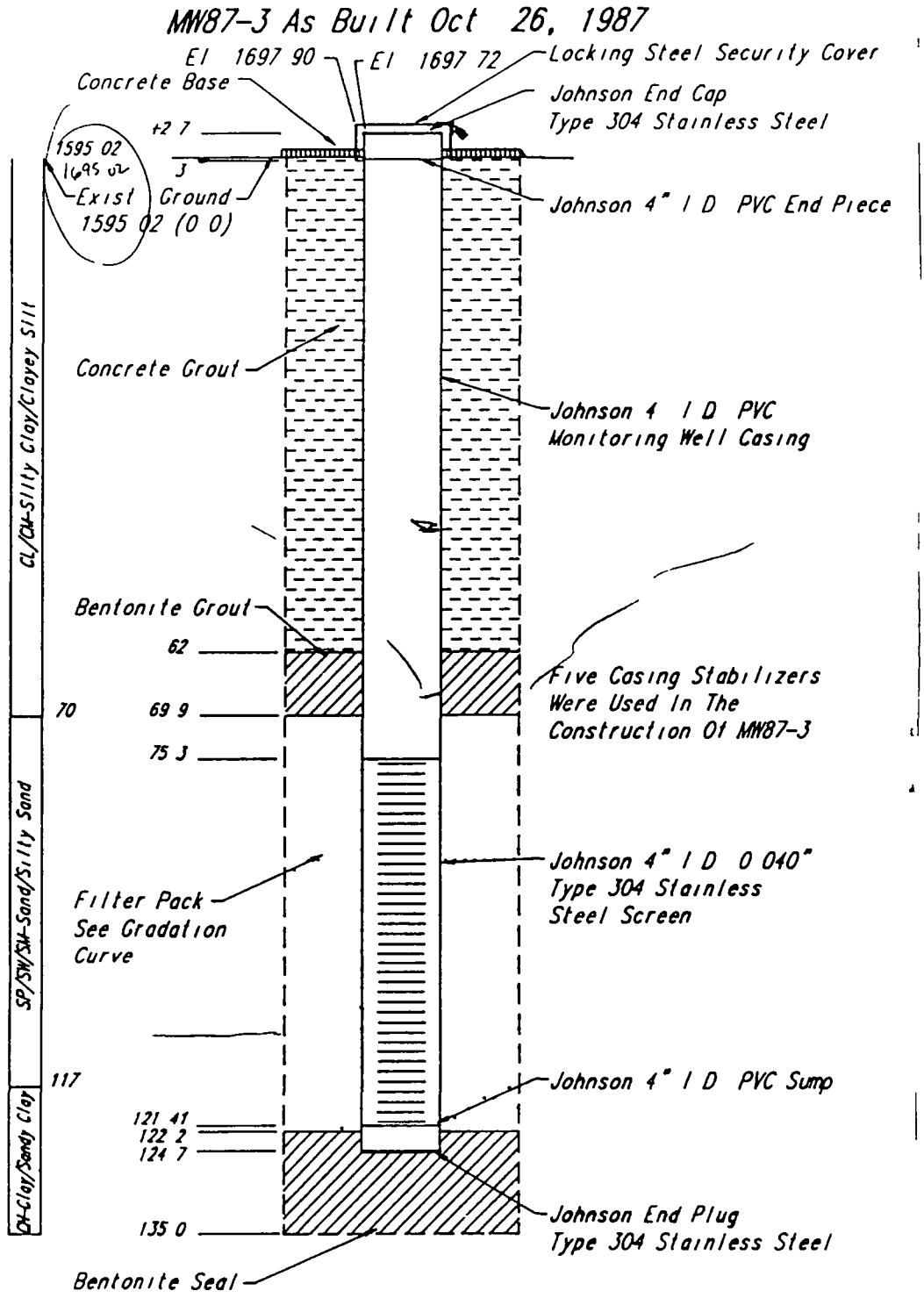
C MW87-1 through MW87-8

# MW87-1 As Built Oct 22, 1987

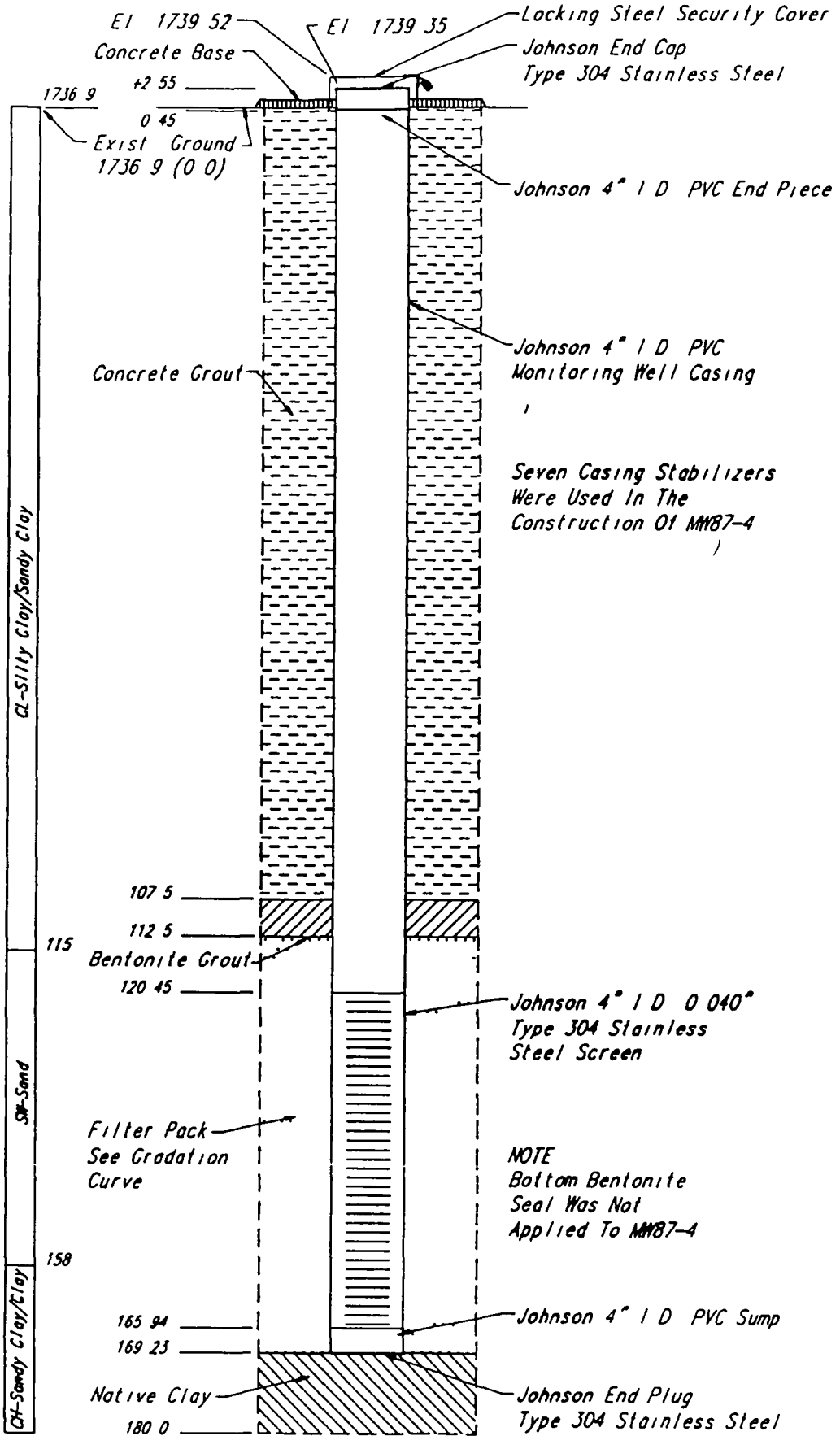


# MW87-2 As Built Oct 21, 1987

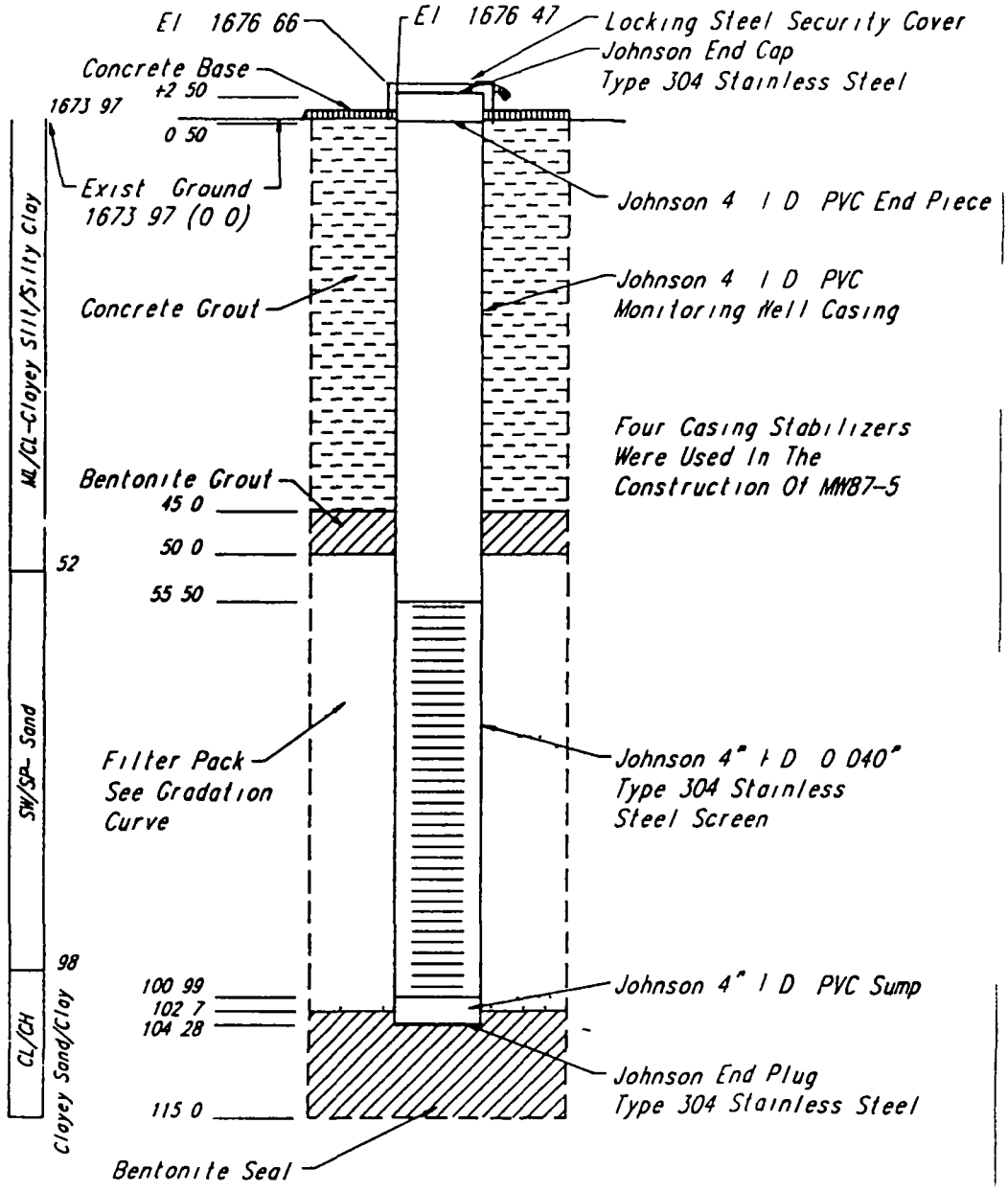



MW87-3 As Built Oct 26, 1987
El 1697 90
El 1697 72
Locking Steel Security Cover
Concrete Base
Johnson End Cap
Type 304 Stainless Steel
+2 7
1595 02
1695 02
Exist
1595 02 (0 0)
3
Ground
Johnson 4" I D PVC End Piece
Concrete Grout
Johnson 4 I D PVC
Monitoring Well Casing
Bentonite Grout
62
Five Casing Stabilizers
Were Used In The
Construction Of MW87-3
70
69 9
75 3
Johnson 4" I D 0 040"
Type 304 Stainless
Steel Screen
Filter Pack
See Gradation
Curve
117
Johnson 4" I D PVC Sump
121 41
122 2
124 7
135 0
Johnson End Plug
Type 304 Stainless Steel
Bentonite Seal
CL/CH-Silty Clay/Clayey Silt
SP/SW/SM-Sand/Silty Sand
CH-Clay/Sandy Clay

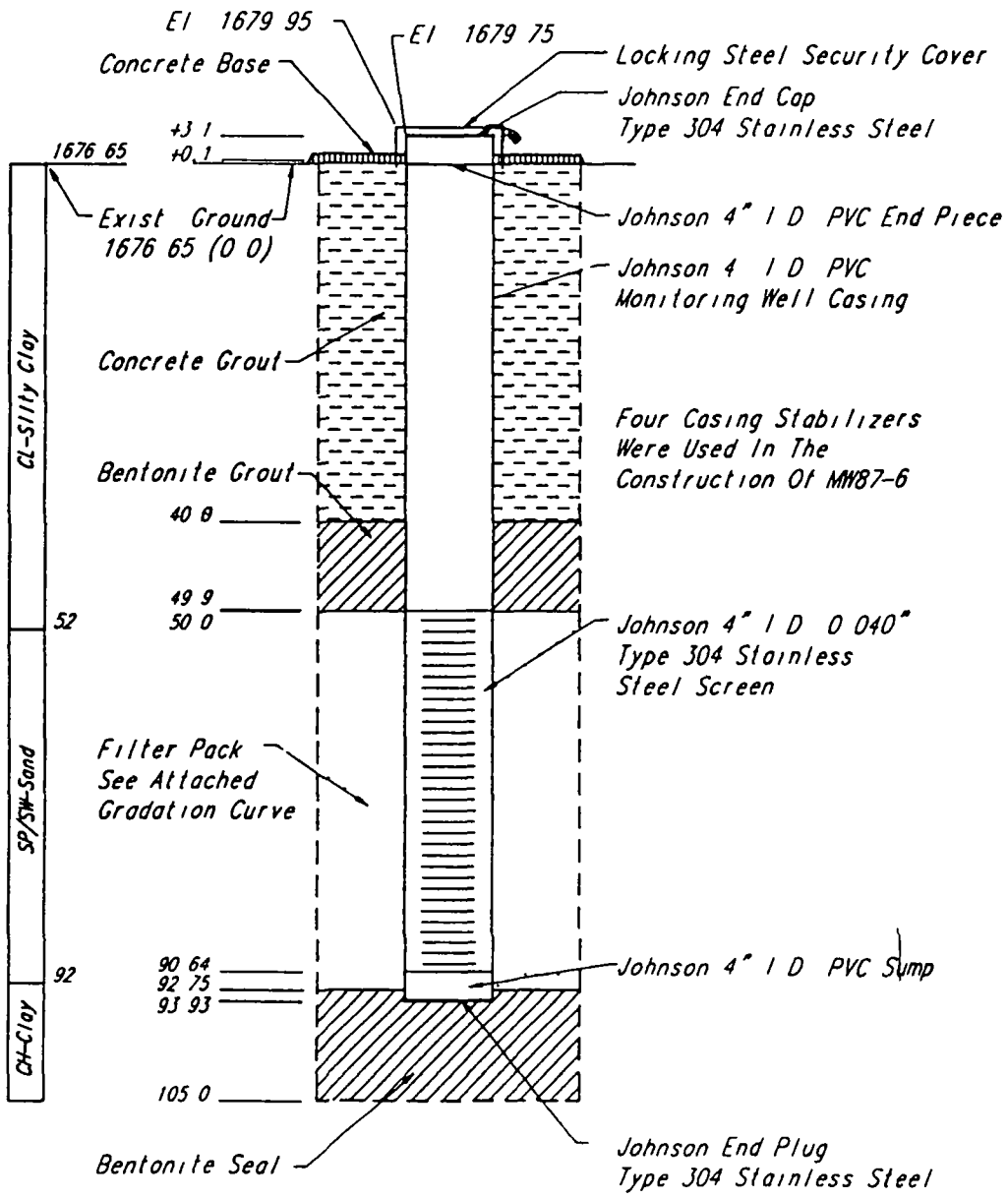
# MW87-4 As Built Oct 28, 1987



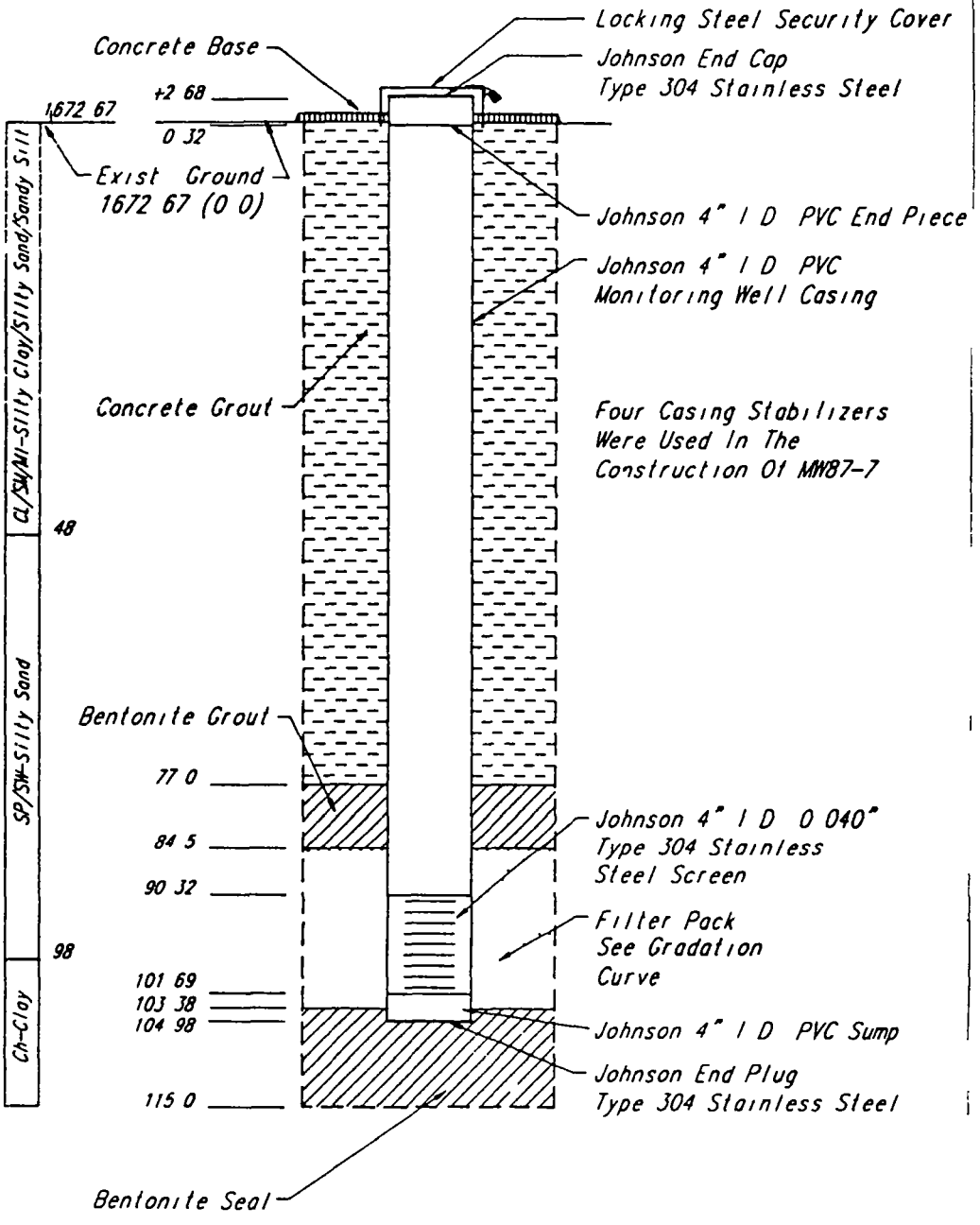
# MW87-5 As Built Oct 27, 1987



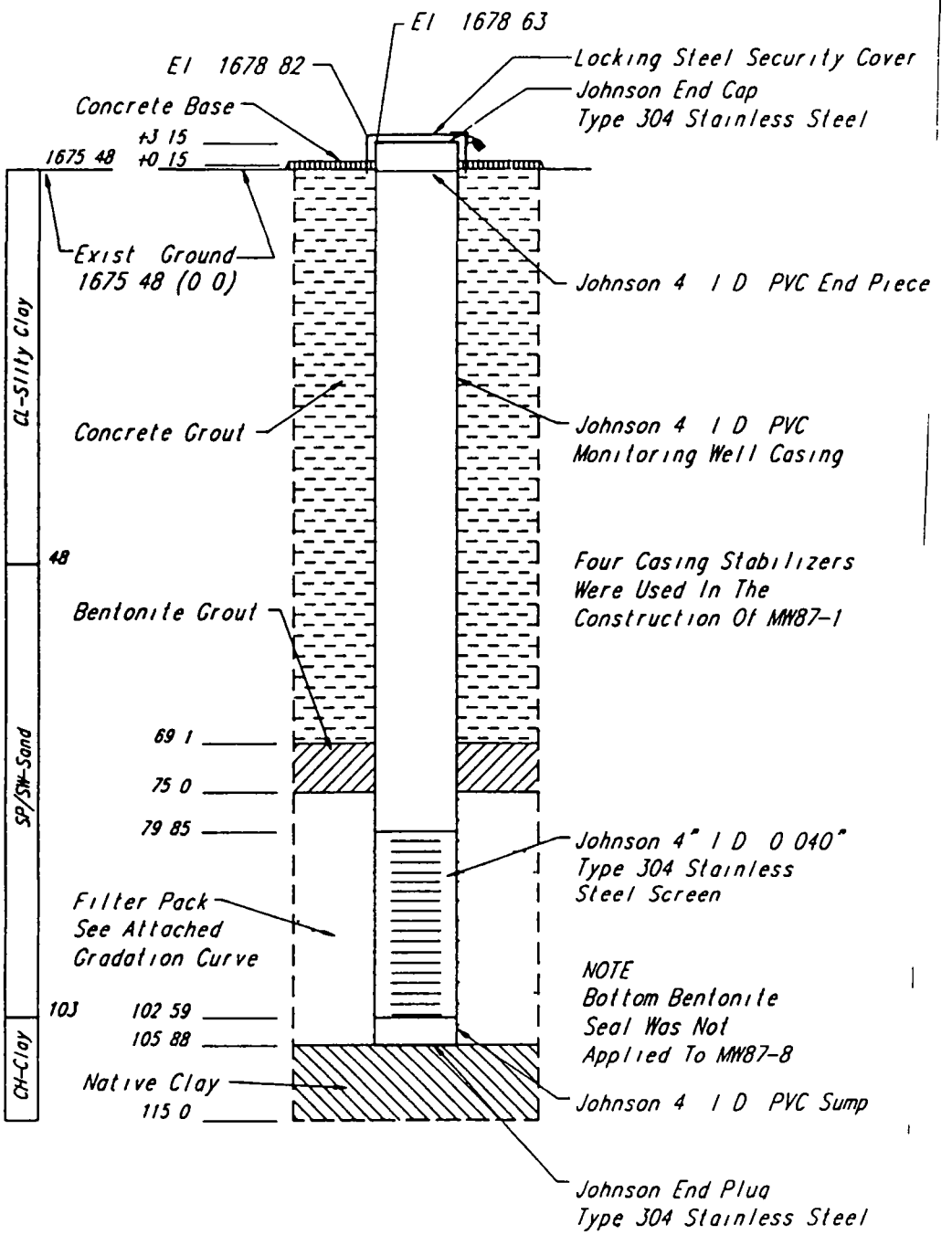
# MW87-6 As Built Nov 3, 1987



# MW87-7 As Built Nov 4, 1987



# MW87-8 As Built Nov 5, 1987

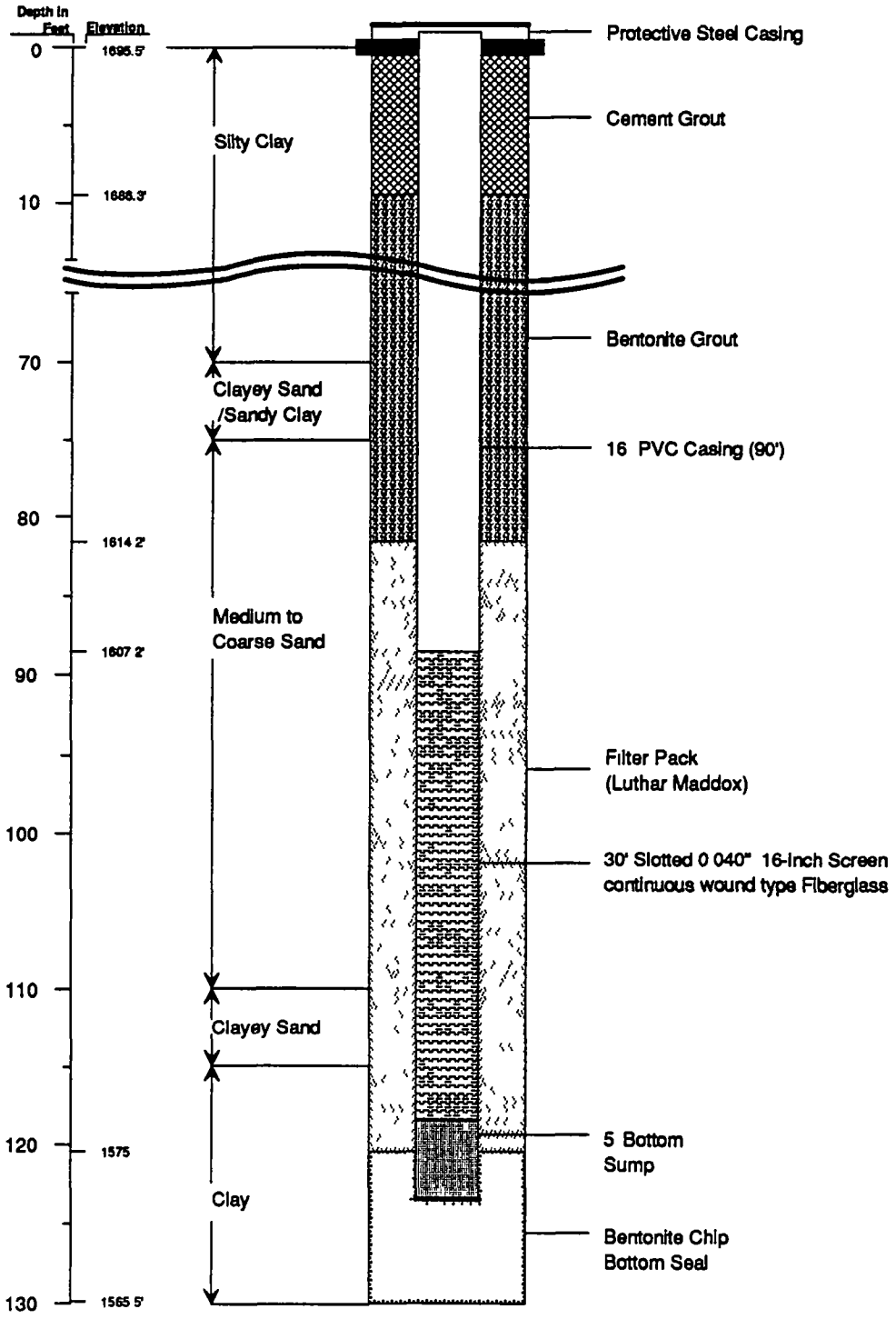


# APPENDIX III

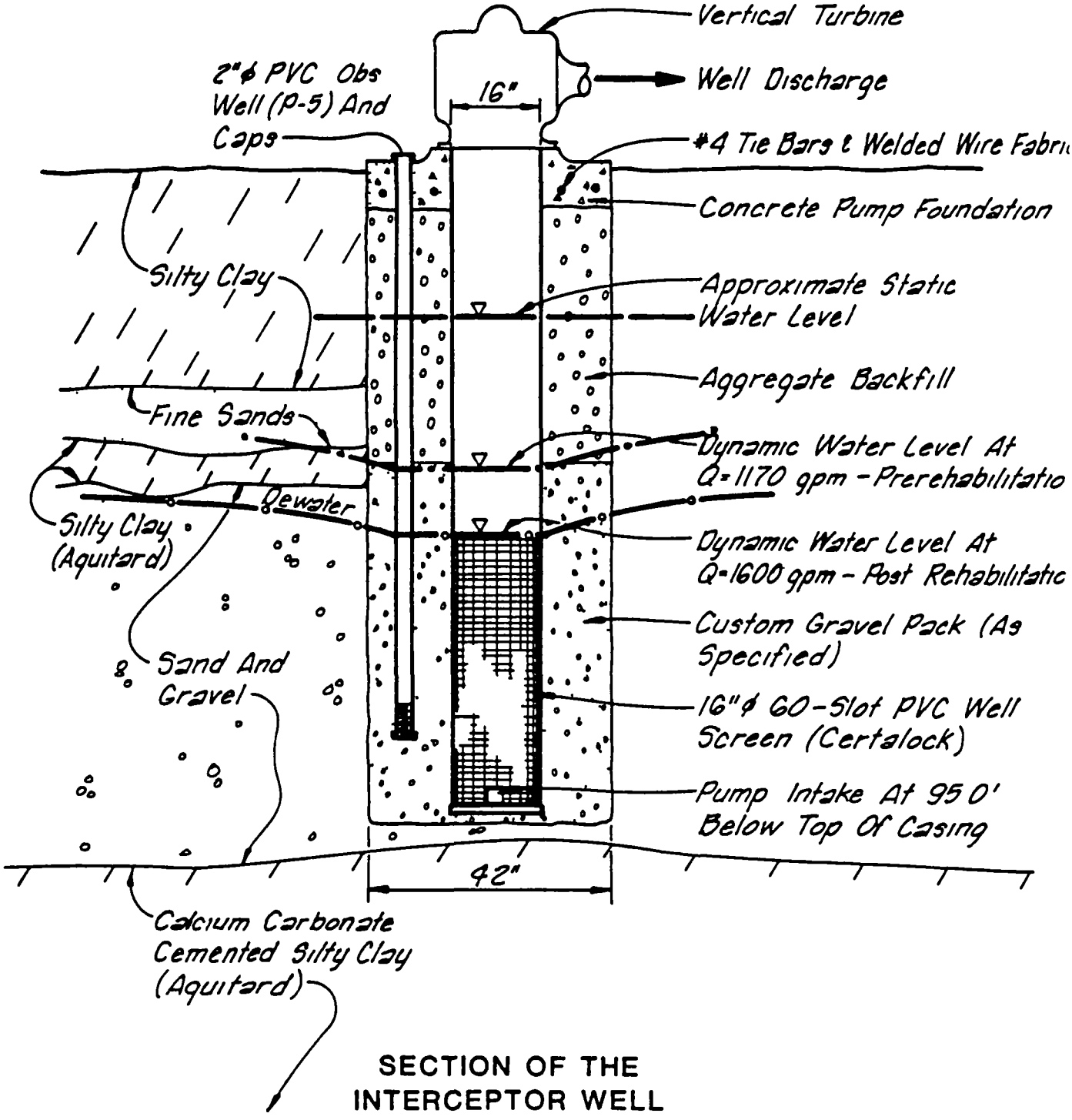
D Interceptor Wells

# Well Construction Diagram

## Add-On Interceptor Well



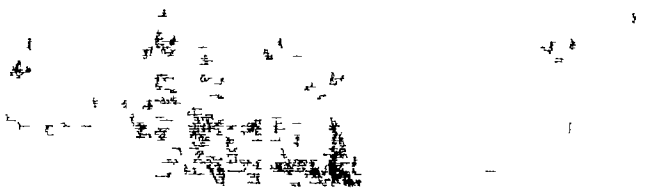

Installed on 2/15 17/89 by Grosch Irrigation Co




SECTION OF THE INTERCEPTOR WELL

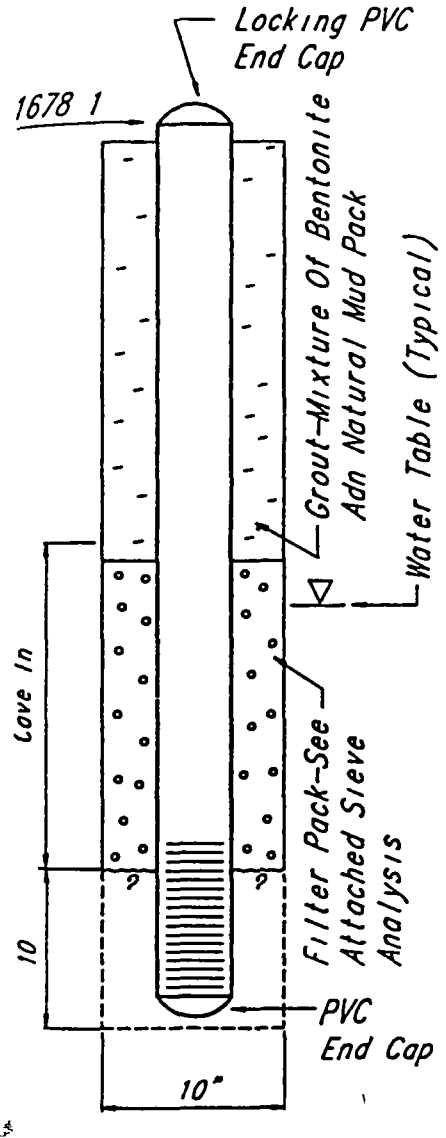
## APPENDIX III

E 82-1M through 82-4M

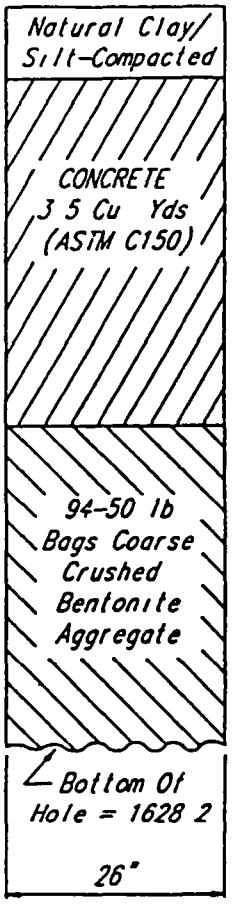


# Facility Monitoring Well 82-1M

As Built 12/15/82




As Abandoned And Destroyed 07/20-21/87



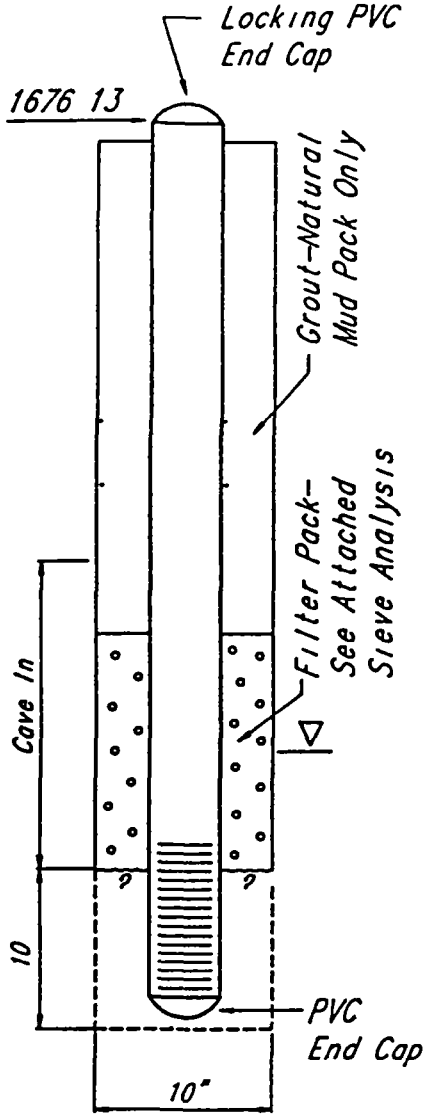

CASING 4" Diameter
Jetstream 200 psi PVC
1120/1220 SDR21

SCREEN 4" Diameter
Machine Slotted Jetstream
PVC Screen

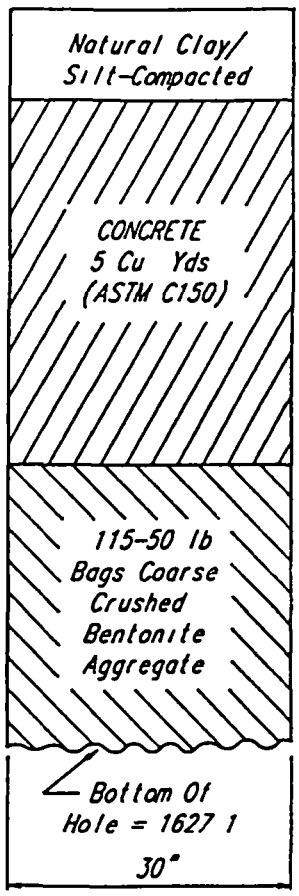
NOTE No Casing Centralizers
Or Stabilizers Were Used
In Well Construction

# Facility Monitoring Well 82-3M

As Built 12/17/82




As Abandoned And Destroyed 07/28-29/87



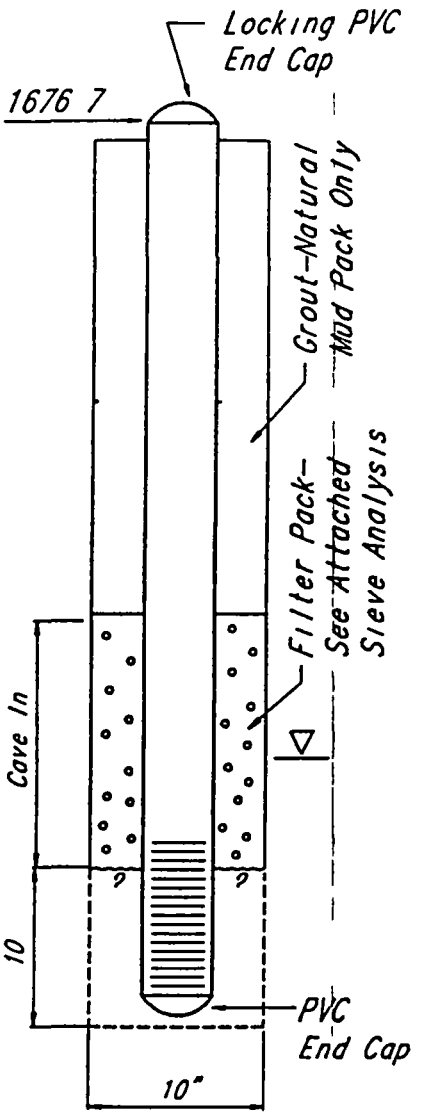

CASING 4" Diameter
Jetstream 200 psi PVC
1120/1220 SDR21

SCREEN 4" Diameter
Machine Slotted Jetstream
PVC Screen

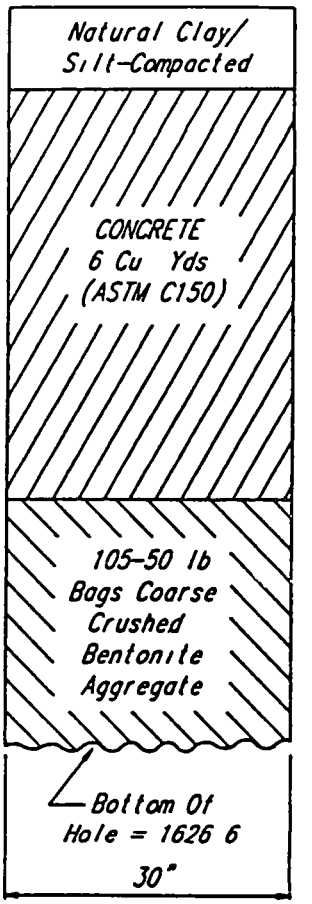
NOTE No Casing Centralizers
Or Stabilizers Were Used
In Well Construction

# Facility Monitoring Well 82-4M

As Built 12/21/82




As Abandoned And Destroyed 07/22-23/87




CASING 4" Diameter Jetstream 200 psi PVC 1120/1220 SDR21

SCREEN 4" Diameter, Combination Machine Slotted Jetstream PVC Screen, And Hand Slotted Jetstream PVC Casing

NOTE No Casing Centrailizers Or Stabilizers Were Used In Well Construction

# APPENDIX IV

## WATER LEVEL DATA

## APPENDIX IV

A Water Level Measurements in Monitoring Wells and Piezometers 1983 - Present

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| ** Date Measured | 05/06/83 | | |
| 82-1M | 1678 17 | 27 50 | 1650 67 |
| 82-2M | 1678 21 | 27 00 | 1651 21 |
| 82-3M | 1676 13 | 27 00 | 1649 13 |
| ** Date Measured | 07/18/84 | | |
| 82-1M | 1678 17 | 28 50 | 1649 67 |
| 82-2M | 1678 21 | 26 00 | 1652 21 |
| ** Date Measured | 09/20/84 | | |
| 82-1M | 1678 17 | 31 60 | 1646 57 |
| 82-2M | 1678 21 | 31 40 | 1646 81 |
| ** Date Measured | 10/16/84 | | |
| 82-1M | 1678 17 | 29 90 | 1648 27 |
| 82-2M | 1678 21 | 26 50 | 1651 71 |
| ** Date Measured | 06/11/85 | | |
| 82-1M | 1678 17 | 29 00 | 1649 17 |
| 82-2M | 1678 21 | 32 50 | 1645 71 |
| ** Date Measured | 07/30/85 | | |
| 82-1M | 1678 17 | 27 90 | 1650 27 |
| ** Date Measured | 08/06/85 | | |
| P-6 | 1674 96 | 23 70 | 1651 26 |
| P-9 | 1674 55 | 23 50 | 1651 05 |
| ** Date Measured | 08/27/85 | | |
| 82-1M | 1678 17 | 33 90 | 1644 27 |
| 82-2M | 1678 21 | 36 10 | 1642 11 |
| ** Date Measured | 10/07/85 | | |
| 82-1M | 1678 17 | 29 10 | 1649 07 |
| 82-2M | 1678 21 | 29 70 | 1648 51 |
| ** Date Measured | 11/12/85 | | |
| 82-1M | 1678 17 | 27 40 | 1650 77 |
| 82-2M | 1678 21 | 27 60 | 1650 61 |
| 82-3M | 1676 13 | 27 80 | 1648 33 |
| 82-4M | 1676 99 | 27 70 | 1649 29 |
| ** Date Measured | 11/13/85 | | |
| 82-1M | 1678 17 | 28 70 | 1649 47 |
| 82-2M | 1678 21 | 29 00 | 1649 21 |
| 82-3M | 1676 13 | 27 00 | 1649 13 |
| 82-4M | 1676 99 | 27 50 | 1649 49 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| Fire Well | 1697 00 | 48 20 | 1648 80 |
| Old Well | 1679 66 | 27 60 | 1652 06 |
| P-1 | 1677 36 | 28 00 | 1649 36 |
| P-2 | 1675 43 | 26 60 | 1648 83 |
| P-3 | 1674 95 | 25 70 | 1649 25 |
| P-4 | 1675 28 | 26 00 | 1649 28 |
| P-5 | 1675 38 | 26 20 | 1649 18 |
| P-6 | 1674 96 | 25 80 | 1649 16 |
| P-7 | 1674 63 | 25 70 | 1648 93 |
| P-8 | 1674 39 | 25 50 | 1648 89 |
| P-9 | 1674 55 | 26 00 | 1648 55 |
| ** Date Measured | 12/06/85 | | |
| 82-1M | 1678 17 | 27 40 | 1650 77 |
| 82-2M | 1678 21 | 27 60 | 1650 61 |
| 82-3M | 1676 13 | 27 80 | 1648 33 |
| 82-4M | 1676 99 | 27 25 | 1649 74 |
| 82-4M | 1676 99 | 27 30 | 1649 69 |
| ** Date Measured | 01/14/86 | | |
| 82-1M | 1678 17 | 26 90 | 1651 27 |
| 82-2M | 1678 21 | 27 40 | 1650 81 |
| 82-3M | 1676 13 | 27 50 | 1648 63 |
| 82-4M | 1676 99 | 27 30 | 1649 69 |
| P-1 | 1677 36 | 26 70 | 1650 66 |
| P-6 | 1674 96 | 27 20 | 1647 76 |
| P-9 | 1674 55 | 28 00 | 1646 55 |
| ** Date Measured | 02/19/86 | | |
| 82-1M | 1678 17 | 37 25 | 1640 92 |
| 82-1M | 1678 17 | 37 30 | 1640 87 |
| 82-2M | 1678 21 | 29 30 | 1648 91 |
| 82-3M | 1676 13 | 26 50 | 1649 63 |
| 82-4M | 1676 99 | 27 25 | 1649 74 |
| 82-4M | 1676 99 | 27 30 | 1649 69 |
| Fire Well | 1697 00 | 51 20 | 1645 80 |
| Old Well | 1679 66 | 29 50 | 1650 16 |
| P-1 | 1677 36 | 27 50 | 1649 86 |
| P-6 | 1674 96 | 25 10 | 1649 86 |
| P-9 | 1674 55 | 25 60 | 1648 95 |
| ** Date Measured | 03/12/86 | | |
| 82-1M | 1678 17 | 27 30 | 1650 87 |
| 82-2M | 1678 21 | 27 60 | 1650 61 |
| 82-3M | 1676 13 | 25 70 | 1650 43 |
| 82-4M | 1676 99 | 26 30 | 1650 69 |
| Fire Well | 1697 00 | 42 00 | 1655 00 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| Old Well | 1679 66 | 28 50 | 1651 16 |
| P-1 | 1677 36 | 26 60 | 1650 76 |
| P-6 | 1674 96 | 24 80 | 1650 16 |
| P-6 | 1674 96 | 24 30 | 1650 66 |
| P-6 | 1674 96 | 24 80 | 1650 16 |
| P-9 | 1674 55 | 24 70 | 1649 85 |
| ** Date Measured | 04/16/86 | | |
| 82-1M | 1678 17 | 26 70 | 1651 47 |
| 82-2M | 1678 21 | 32 10 | 1646 11 |
| 82-3M | 1676 13 | 25 00 | 1651 13 |
| 82-4M | 1676 99 | 25 60 | 1651 39 |
| Fire Well | 1697 00 | 39 70 | 1657 30 |
| Old Well | 1679 66 | 28 10 | 1651 56 |
| P-1 | 1677 36 | 25 90 | 1651 46 |
| P-6 | 1674 96 | 23 80 | 1651 16 |
| P-9 | 1674 55 | 24 20 | 1650 35 |
| ** Date Measured | 05/19/86 | | |
| 82-1M | 1678 17 | 26 40 | 1651 77 |
| 82-2M | 1678 21 | 26 70 | 1651 51 |
| 82-3M | 1676 13 | 24 90 | 1651 23 |
| 82-4M | 1676 99 | 25 30 | 1651 69 |
| Fire Well | 1697 00 | 41 20 | 1655 80 |
| Old Well | 1679 66 | 27 90 | 1651 76 |
| P-1 | 1677 36 | 25 90 | 1651 46 |
| P-6 | 1674 96 | 23 50 | 1651 46 |
| P-9 | 1674 55 | 23 90 | 1650 65 |
| ** Date Measured | 06/17/86 | | |
| 82-1M | 1678 17 | 26 50 | 1651 67 |
| 82-2M | 1678 21 | 26 60 | 1651 61 |
| 82-3M | 1676 13 | 24 80 | 1651 33 |
| 82-4M | 1676 99 | 25 10 | 1651 89 |
| Old Well | 1679 66 | 27 80 | 1651 86 |
| P-1 | 1677 36 | 25 60 | 1651 76 |
| P-6 | 1674 96 | 23 50 | 1651 46 |
| P-9 | 1674 55 | 23 70 | 1650 85 |
| ** Date Measured | 07/15/86 | | |
| 82-1M | 1678 17 | 26 70 | 1651 47 |
| 82-2M | 1678 21 | 26 90 | 1651 31 |
| 82-3M | 1676 13 | 24 90 | 1651 23 |
| 82-4M | 1676 99 | 25 20 | 1651 79 |
| Fire Well | 1697 00 | 42 00 | 1655 00 |
| Old Well | 1679 66 | 27 90 | 1651 76 |
| P-1 | 1677 36 | 25 50 | 1651 86 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-6 | 1674 96 | 26 70 | 1648 26 |
| P-9 | 1674 55 | 23 80 | 1650 75 |
| ** Date Measured | 08/15/86 | | |
| 82-1M | 1678 17 | 33 00 | 1645 17 |
| 82-2M | 1678 21 | 34 00 | 1644 21 |
| 82-3M | 1676 13 | 34 70 | 1641 43 |
| 82-4M | 1676 99 | 38 40 | 1638 59 |
| Fire Well | 1697 00 | 46 60 | 1650 40 |
| Old Well | 1679 66 | 30 40 | 1649 26 |
| P-1 | 1677 36 | 25 70 | 1651 66 |
| P-6 | 1674 96 | 26 40 | 1648 56 |
| P-6 | 1674 96 | 26 50 | 1648 46 |
| P-6 | 1674 96 | 26 40 | 1648 56 |
| P-9 | 1674 55 | 27 50 | 1647 05 |
| ** Date Measured | 09/15/86 | | |
| 82-1M | 1678 17 | 32 50 | 1645 67 |
| 82-2M | 1678 21 | 33 40 | 1644 81 |
| 82-3M | 1676 13 | 34 40 | 1641 73 |
| 82-4M | 1676 99 | 37 10 | 1639 89 |
| Old Well | 1679 66 | 30 10 | 1649 56 |
| P-1 | 1677 36 | 27 80 | 1649 56 |
| P-6 | 1674 96 | 26 90 | 1648 06 |
| P-9 | 1674 55 | 27 50 | 1647 05 |
| ** Date Measured | 10/15/86 | | |
| 82-1M | 1678 17 | 31 30 | 1646 87 |
| 82-2M | 1678 21 | 32 00 | 1646 21 |
| 82-3M | 1676 13 | 32 50 | 1643 63 |
| 82-4M | 1676 99 | 27 10 | 1649 89 |
| Fire Well | 1697 00 | 34 00 | 1663 00 |
| Old Well | 1679 66 | 28 80 | 1650 86 |
| P-1 | 1677 36 | 27 50 | 1649 86 |
| P-6 | 1674 96 | 24 70 | 1650 26 |
| P-9 | 1674 55 | 24 30 | 1650 25 |
| ** Date Measured | 11/20/86 | | |
| 82-1M | 1678 17 | 26 80 | 1651 37 |
| 82-2M | 1678 21 | 27 40 | 1650 81 |
| P-6 | 1674 96 | 23 80 | 1651 16 |
| P-9 | 1674 55 | 24 20 | 1650 35 |
| ** Date Measured | 11/21/86 | | |
| 82-1M | 1678 17 | 26 80 | 1651 37 |
| 82-2M | 1678 21 | 27 40 | 1650 81 |
| 82-3M | 1676 13 | 25 10 | 1651 03 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| 82-4M | 1676 99 | 25 50 | 1651 49 |
| Fire Well | 1697 00 | 39 60 | 1657 40 |
| Old Well | 1679 66 | 28 10 | 1651 56 |
| P-1 | 1677 36 | 25 90 | 1651 46 |
| P-6 | 1674 96 | 23 80 | 1651 16 |
| P-9 | 1674 55 | 24 20 | 1650 35 |
| ** Date Measured | 12/17/86 | | |
| 82-1M | 1678 17 | 27 70 | 1650 47 |
| 82-2M | 1678 21 | 28 70 | 1649 51 |
| 82-3M | 1676 13 | 25 80 | 1650 33 |
| 82-4M | 1676 99 | 26 30 | 1650 69 |
| Fire Well | 1697 00 | 32 00 | 1665 00 |
| Old Well | 1679 66 | 28 80 | 1650 86 |
| P-1 | 1677 36 | 26 30 | 1651 06 |
| P-6 | 1674 96 | 24 30 | 1650 66 |
| P-9 | 1674 55 | 27 00 | 1647 55 |
| ** Date Measured | 01/14/87 | | |
| 82-1M | 1678 17 | 32 10 | 1646 07 |
| 82-2M | 1678 21 | 33 20 | 1645 01 |
| 82-3M | 1676 13 | 26 60 | 1649 53 |
| 82-4M | 1676 99 | 37 50 | 1639 49 |
| Fire Well | 1697 00 | 46 50 | 1650 50 |
| Old Well | 1679 66 | 29 30 | 1650 36 |
| P-1 | 1677 36 | 26 70 | 1650 66 |
| P-6 | 1674 96 | 25 00 | 1649 96 |
| P-9 | 1674 55 | 26 60 | 1647 95 |
| ** Date Measured | 02/26/87 | | |
| 82-1M | 1678 17 | 27 00 | 1651 17 |
| 82-2M | 1678 21 | 27 50 | 1650 71 |
| 82-3M | 1676 13 | 25 00 | 1651 13 |
| 82-4M | 1676 99 | 25 90 | 1651 09 |
| Fire Well | 1697 00 | 40 00 | 1657 00 |
| Old Well | 1679 66 | 28 20 | 1651 46 |
| P-1 | 1677 36 | 25 90 | 1651 46 |
| P-6 | 1674 96 | 23 90 | 1651 06 |
| P-9 | 1674 55 | 24 30 | 1650 25 |
| ** Date Measured | 03/26/87 | | |
| 82-1M | 1678 17 | 24 70 | 1653 47 |
| 82-2M | 1678 21 | 25 10 | 1653 11 |
| 82-3M | 1676 13 | 22 70 | 1653 43 |
| 82-4M | 1676 99 | 23 50 | 1653 49 |
| Fire Well | 1697 00 | 60 00 | 1637 00 |
| Old Well | 1679 66 | 25 80 | 1653 86 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-1 | 1677 36 | 23 70 | 1653 66 |
| P-6 | 1674 96 | 21 40 | 1653 56 |
| P-9 | 1674 55 | 21 90 | 1652 65 |
| ** Date Measured | 04/23/87 | | |
| 82-1M | 1678 17 | 24 70 | 1653 47 |
| 82-2M | 1678 21 | 25 00 | 1653 21 |
| 82-3M | 1676 13 | 26 50 | 1649 63 |
| 82-4M | 1676 99 | 23 10 | 1653 89 |
| Fire Well | 1697 00 | 40 00 | 1657 00 |
| Old Well | 1679 66 | 25 90 | 1653 76 |
| P-1 | 1677 36 | 23 70 | 1653 66 |
| P-6 | 1674 96 | 21 60 | 1653 36 |
| P-9 | 1674 55 | 22 00 | 1652 55 |
| ** Date Measured | 05/14/87 | | |
| 82-1M | 1678 17 | 25 10 | 1653 07 |
| 82-2M | 1678 21 | 25 60 | 1652 61 |
| 82-3M | 1676 13 | 23 50 | 1652 63 |
| 82-4M | 1676 99 | 23 90 | 1653 09 |
| Fire Well | 1697 00 | 32 00 | 1665 00 |
| Old Well | 1679 66 | 26 50 | 1653 16 |
| P-1 | 1677 36 | 24 10 | 1653 26 |
| P-6 | 1674 96 | 24 00 | 1650 96 |
| P-9 | 1674 55 | 22 50 | 1652 05 |
| ** Date Measured | 06/15/87 | | |
| 82-1M | 1678 17 | 28 70 | 1649 47 |
| 82-2M | 1678 21 | 29 40 | 1648 81 |
| 82-3M | 1676 13 | 28 90 | 1647 23 |
| 82-4M | 1676 99 | 30 80 | 1646 19 |
| City Well | 1670 37 | 25 00 | 1645 37 |
| Fire Well | 1697 00 | 46 50 | 1650 50 |
| Old Well | 1679 66 | 30 90 | 1648 76 |
| P-1 | 1677 36 | 29 50 | 1647 86 |
| P-6 | 1674 96 | 27 80 | 1647 16 |
| P-9 | 1674 55 | 24 70 | 1649 85 |
| ** Date Measured | 07/16/87 | | |
| 82-1M | 1678 17 | 35 00 | 1643 17 |
| 82-2M | 1678 21 | 35 70 | 1642 51 |
| 82-3M | 1676 13 | 31 10 | 1645 03 |
| 82-4M | 1676 99 | 38 20 | 1638 79 |
| City Well | 1670 37 | 30 00 | 1640 37 |
| Fire Well | 1697 00 | 48 90 | 1648 10 |
| Old Well | 1679 66 | 38 00 | 1641 66 |
| P-1 | 1677 36 | 33 60 | 1643 76 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-6 | 1674 96 | 29 90 | 1645 06 |
| P-9 | 1674 55 | 31 10 | 1643 45 |
| ** Date Measured | 08/18/87 | | |
| City Well | 1670 37 | 30 00 | 1640 37 |
| Fire Well | 1697 00 | 55 70 | 1641 30 |
| Old Well | 1679 66 | 40 80 | 1638 86 |
| P-1 | 1677 36 | 40 30 | 1637 06 |
| P-6 | 1674 96 | 37 60 | 1637 36 |
| P-9 | 1674 55 | 34 70 | 1639 85 |
| ** Date Measured | 09/17/87 | | |
| 82-2M | 1678 21 | 32 80 | 1645 41 |
| City Well | 1670 37 | 25 00 | 1645 37 |
| Fire Well | 1697 00 | 48 90 | 1648 10 |
| Old Well | 1679 66 | 33 90 | 1645 76 |
| P-1 | 1677 36 | 31 50 | 1645 86 |
| P-6 | 1674 96 | 29 60 | 1645 36 |
| P-9 | 1674 55 | 29 60 | 1644 95 |
| ** Date Measured | 10/16/87 | | |
| 82-2M | 1678 21 | 35 30 | 1642 91 |
| City Well | 1670 37 | 26 00 | 1644 37 |
| Fire Well | 1697 00 | 51 20 | 1645 80 |
| Old Well | 1679 66 | 36 60 | 1643 06 |
| P-1 | 1677 36 | 34 90 | 1642 46 |
| P-6 | 1674 96 | 33 10 | 1641 86 |
| P-9 | 1674 55 | 30 60 | 1643 95 |
| ** Date Measured | 11/13/87 | | |
| 82-2M | 1678 21 | 35 20 | 1643 01 |
| ** Date Measured | 11/18/87 | | |
| City Well | 1670 37 | 24 00 | 1646 37 |
| Fire Well | 1697 00 | 46 60 | 1650 40 |
| Old Well | 1679 66 | 35 30 | 1644 36 |
| P-1 | 1677 36 | 33 90 | 1643 46 |
| P-6 | 1674 96 | 32 30 | 1642 66 |
| P-9 | 1674 55 | 29 60 | 1644 95 |
| ** Date Measured | 11/23/87 | | |
| MW87-1 | 1674 82 | 28 30 | 1646 52 |
| MW87-2 | 1667 91 | 21 70 | 1646 21 |
| MW87-3 | 1697 72 | 52 10 | 1645 62 |
| MW87-4 | 1739 35 | 92 90 | 1646 45 |
| MW87-5 | 1676 47 | 30 40 | 1646 07 |
| MW87-6 | 1679 75 | 35 20 | 1644 55 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| MW87-7 | 1675 35 | 31 60 | 1643 75 |
| MW87-8 | 1678 63 | 34 60 | 1644 03 |
| ** Date Measured | 12/22/87 | | |
| 82-2M | 1678 21 | 32 80 | 1645 41 |
| City Well | 1670 37 | 23 40 | 1646 97 |
| Fire Well | 1697 00 | 48 80 | 1648 20 |
| MW87-1 | 1674 82 | 28 20 | 1646 62 |
| MW87-2 | 1667 91 | 21 40 | 1646 51 |
| MW87-3 | 1697 72 | 50 30 | 1647 42 |
| MW87-4 | 1739 35 | 92 50 | 1646 85 |
| MW87-5 | 1676 47 | 29 40 | 1647 07 |
| MW87-6 | 1679 75 | 31 12 | 1648 63 |
| MW87-7 | 1675 35 | 27 50 | 1647 85 |
| MW87-8 | 1678 63 | 30 40 | 1648 23 |
| Old Well | 1679 66 | 31 90 | 1647 76 |
| P-1 | 1677 36 | 29 60 | 1647 76 |
| P-2 | 1675 43 | 27 44 | 1647 99 |
| P-3 | 1674 95 | 24 14 | 1650 81 |
| P-4 | 1675 28 | 26 94 | 1648 34 |
| P-6 | 1674 96 | 30 50 | 1644 46 |
| P-9 | 1674 55 | 29 10 | 1645 45 |
| ** Date Measured | 12/24/87 | | |
| 82-2M | 1678 21 | 32 80 | 1645 41 |
| City Well | 1670 37 | 23 40 | 1646 97 |
| Fire Well | 1697 00 | 48 80 | 1648 20 |
| MW87-1 | 1674 82 | 28 20 | 1646 62 |
| MW87-2 | 1667 91 | 21 40 | 1646 51 |
| MW87-3 | 1697 72 | 50 30 | 1647 42 |
| MW87-4 | 1739 35 | 92 50 | 1646 85 |
| MW87-5 | 1676 47 | 29 40 | 1647 07 |
| MW87-6 | 1679 75 | 31 10 | 1648 65 |
| MW87-7 | 1675 35 | 27 50 | 1647 85 |
| MW87-8 | 1678 63 | 30 40 | 1648 23 |
| Old Well | 1679 66 | 31 90 | 1647 76 |
| P-1 | 1677 36 | 29 60 | 1647 76 |
| P-2 | 1675 43 | 27 40 | 1648 03 |
| P-3 | 1674 95 | 24 10 | 1650 85 |
| P-4 | 1675 28 | 26 90 | 1648 38 |
| P-6 | 1674 96 | 30 50 | 1644 46 |
| P-9 | 1674 55 | 29 10 | 1645 45 |
| ** Date Measured | 02/10/88 | | |
| 82-2M | 1678 21 | 29 38 | 1648 83 |
| City Well | 1670 37 | 39 00 | 1631 37 |
| Fire Well | 1697 00 | 28 10 | 1668 90 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| MW87-1 | 1674 82 | 25 74 | 1649 08 |
| MW87-2 | 1667 91 | 19 80 | 1648 11 |
| MW87-3 | 1697 72 | 49 80 | 1647 92 |
| MW87-4 | 1739 35 | 90 37 | 1648 98 |
| MW87-5 | 1676 47 | 28 82 | 1647 65 |
| MW87-6 | 1679 75 | 30 66 | 1649 09 |
| MW87-7 | 1675 35 | 26 92 | 1648 43 |
| MW87-8 | 1678 63 | 29 98 | 1648 65 |
| Old Well | 1679 66 | 30 60 | 1649 06 |
| P-1 | 1677 36 | 28 16 | 1649 20 |
| P-2 | 1675 43 | 26 88 | 1648 55 |
| P-4 | 1675 28 | 26 42 | 1648 86 |
| P-5 | 1675 38 | 26 54 | 1648 84 |
| P-6 | 1674 96 | 26 08 | 1648 88 |
| P-7 | 1674 63 | 25 92 | 1648 71 |
| P-8 | 1674 39 | 26 00 | 1648 39 |
| P-9 | 1674 55 | 26 22 | 1648 33 |
| ** Date Measured | 03/11/88 | | |
| 82-2M | 1678 21 | 28 30 | 1649 91 |
| MW87-1 | 1674 82 | 24 60 | 1650 22 |
| MW87-2 | 1667 91 | 18 90 | 1649 01 |
| MW87-3 | 1697 72 | 48 90 | 1648 82 |
| MW87-4 | 1739 35 | 89 30 | 1650 05 |
| MW87-5 | 1676 47 | 28 00 | 1648 47 |
| MW87-6 | 1679 75 | 29 60 | 1650 15 |
| MW87-7 | 1675 35 | 25 90 | 1649 45 |
| MW87-8 | 1678 63 | 28 90 | 1649 73 |
| Old Well | 1679 66 | 29 50 | 1650 16 |
| P-1 | 1677 36 | 27 10 | 1650 26 |
| P-2 | 1675 43 | 25 80 | 1649 63 |
| P-3 | 1674 95 | 22 40 | 1652 55 |
| P-4 | 1675 28 | 25 40 | 1649 88 |
| P-6 | 1674 96 | 25 00 | 1649 96 |
| P-7 | 1674 63 | 24 90 | 1649 73 |
| P-8 | 1674 39 | 24 90 | 1649 49 |
| P-9 | 1674 55 | 25 30 | 1649 25 |
| ** Date Measured | 03/17/88 | | |
| MW87-1 | 1674 82 | 26 21 | 1648 61 |
| MW87-2 | 1667 91 | 19 81 | 1648 10 |
| MW87-3 | 1697 72 | 49 88 | 1647 84 |
| MW87-4 | 1739 35 | 91 06 | 1648 29 |
| MW87-5 | 1676 47 | 28 65 | 1647 82 |
| MW87-6 | 1679 75 | 32 33 | 1647 42 |
| MW87-7 | 1675 35 | 28 58 | 1646 77 |
| MW87-8 | 1678 63 | 32 71 | 1645 92 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| ** Date Measured | 04/01/88 | | |
| MW87-1 | 1674 82 | 26 42 | 1648 40 |
| MW87-2 | 1667 91 | 19 75 | 1648 16 |
| MW87-3 | 1697 72 | 49 92 | 1647 80 |
| MW87-4 | 1739 35 | 91 25 | 1648 10 |
| MW87-5 | 1676 47 | 29 65 | 1646 82 |
| MW87-6 | 1679 75 | 32 63 | 1647 12 |
| MW87-7 | 1675 35 | 28 90 | 1646 45 |
| MW87-8 | 1678 63 | 32 06 | 1646 57 |
| ** Date Measured | 04/07/88 | | |
| MW87-1 | 1674 82 | 26 83 | 1647 99 |
| MW87-2 | 1667 91 | 20 17 | 1647 74 |
| MW87-3 | 1697 72 | 51 17 | 1646 55 |
| MW87-4 | 1739 35 | 91 58 | 1647 77 |
| MW87-5 | 1676 47 | 28 94 | 1647 53 |
| MW87-6 | 1679 75 | 33 13 | 1646 62 |
| MW87-7 | 1675 35 | 29 46 | 1645 89 |
| MW87-8 | 1678 63 | 32 63 | 1646 00 |
| ** Date Measured | 04/14/88 | | |
| MW87-1 | 1674 82 | 27 79 | 1647 03 |
| MW87-2 | 1667 91 | 20 77 | 1647 14 |
| MW87-3 | 1697 72 | 50 79 | 1646 93 |
| MW87-4 | 1739 35 | 92 25 | 1647 10 |
| MW87-5 | 1676 47 | 29 46 | 1647 01 |
| MW87-6 | 1679 75 | 33 96 | 1645 79 |
| MW87-7 | 1675 35 | 30 17 | 1645 18 |
| MW87-8 | 1678 63 | 33 42 | 1645 21 |
| ** Date Measured | 04/22/88 | | |
| MW87-1 | 1674 82 | 26 15 | 1648 67 |
| MW87-2 | 1667 91 | 19 83 | 1648 08 |
| MW87-3 | 1697 72 | 49 83 | 1647 89 |
| MW87-4 | 1739 35 | 90 73 | 1648 62 |
| MW87-5 | 1676 47 | 28 65 | 1647 82 |
| MW87-6 | 1679 75 | 31 83 | 1647 92 |
| MW87-7 | 1675 35 | 28 13 | 1647 22 |
| MW87-8 | 1678 63 | 31 29 | 1647 34 |
| ** Date Measured | 05/11/88 | | |
| MW87-1 | 1674 82 | 26 56 | 1648 26 |
| MW87-2 | 1667 91 | 19 96 | 1647 95 |
| MW87-3 | 1697 72 | 49 83 | 1647 89 |
| MW87-4 | 1739 35 | 91 00 | 1648 35 |
| MW87-5 | 1676 47 | 28 71 | 1647 76 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| MW87-6 | 1679 75 | 32 38 | 1647 37 |
| MW87-7 | 1675 35 | 28 56 | 1646 79 |
| MW87-8 | 1678 63 | 31 67 | 1646 96 |
| ** Date Measured | 05/18/88 | | |
| 82-2M | 1678 21 | 31 40 | 1646 81 |
| Old Well | 1679 66 | 33 20 | 1646 46 |
| P-1 | 1677 36 | 31 30 | 1646 06 |
| P-6 | 1674 96 | 29 50 | 1645 46 |
| P-9 | 1674 55 | 27 20 | 1647 35 |
| ** Date Measured | 05/19/88 | | |
| MW87-1 | 1674 82 | 26 54 | 1648 28 |
| MW87-2 | 1667 91 | 20 21 | 1647 70 |
| MW87-3 | 1697 72 | 50 08 | 1647 64 |
| MW87-4 | 1739 35 | 91 15 | 1648 20 |
| MW87-5 | 1676 47 | 28 98 | 1647 49 |
| MW87-6 | 1679 75 | 32 31 | 1647 44 |
| MW87-7 | 1675 35 | 28 63 | 1646 72 |
| MW87-8 | 1678 63 | 31 75 | 1646 88 |
| ** Date Measured | 05/25/88 | | |
| P-1 | 1677 36 | 31 67 | 1645 69 |
| P-2 | 1675 43 | 33 94 | 1641 49 |
| P-4 | 1675 28 | 33 79 | 1641 49 |
| P-6 | 1674 96 | 29 81 | 1645 15 |
| P-7 | 1674 63 | 28 50 | 1646 13 |
| P-8 | 1674 39 | 28 88 | 1645 51 |
| P-9 | 1674 55 | 27 04 | 1647 51 |
| ** Date Measured | 06/02/88 | | |
| P-1 | 1677 36 | 31 27 | 1646 09 |
| P-2 | 1675 43 | 33 48 | 1641 95 |
| P-4 | 1675 28 | 33 29 | 1641 99 |
| P-5 | 1675 38 | 37 81 | 1637 57 |
| P-6 | 1674 96 | 29 42 | 1645 54 |
| P-7 | 1674 63 | 28 17 | 1646 46 |
| P-8 | 1674 39 | 27 25 | 1647 14 |
| P-9 | 1674 55 | 26 88 | 1647 67 |
| ** Date Measured | 06/07/88 | | |
| P-1 | 1677 36 | 32 00 | 1645 36 |
| P-2 | 1675 43 | 34 83 | 1640 60 |
| P-4 | 1675 28 | 34 58 | 1640 70 |
| P-5 | 1675 38 | 40 25 | 1635 13 |
| P-6 | 1674 96 | 30 23 | 1644 73 |
| P-7 | 1674 63 | 28 67 | 1645 96 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-8 | 1674 39 | 27 67 | 1646 72 |
| P-9 | 1674 55 | 27 21 | 1647 34 |
| ** Date Measured | 06/15/88 | | |
| P-1 | 1677 36 | 32 00 | 1645 36 |
| P-2 | 1675 43 | 33 08 | 1642 35 |
| P-4 | 1675 28 | 36 00 | 1639 28 |
| P-5 | 1675 38 | 32 83 | 1642 55 |
| P-6 | 1674 96 | 30 17 | 1644 79 |
| P-7 | 1674 63 | 29 23 | 1645 40 |
| P-8 | 1674 39 | 28 54 | 1645 85 |
| P-9 | 1674 55 | 28 50 | 1646 05 |
| ** Date Measured | 06/24/88 | | |
| 82-2M | 1678 21 | 39 30 | 1638 91 |
| MW87-1 | 1674 82 | 32 00 | 1642 82 |
| MW87-2 | 1667 91 | 24 90 | 1643 01 |
| MW87-3 | 1697 72 | 52 60 | 1645 12 |
| MW87-4 | 1739 35 | 102 90 | 1636 45 |
| MW87-5 | 1676 47 | 34 60 | 1641 87 |
| MW87-6 | 1679 75 | 40 10 | 1639 65 |
| MW87-7 | 1675 35 | 37 40 | 1637 95 |
| MW87-8 | 1678 63 | 39 20 | 1639 43 |
| Old Well | 1679 66 | 41 34 | 1638 32 |
| P-1 | 1677 36 | 40 02 | 1637 34 |
| P-2 | 1675 43 | 42 16 | 1633 27 |
| P-4 | 1675 28 | 41 84 | 1633 44 |
| P-5 | 1675 38 | 47 00 | 1628 38 |
| P-6 | 1674 96 | 38 20 | 1636 76 |
| P-7 | 1674 63 | 36 62 | 1638 01 |
| P-8 | 1674 39 | 35 90 | 1638 49 |
| P-9 | 1674 55 | 35 16 | 1639 39 |
| ** Date Measured | 06/29/88 | | |
| P-1 | 1677 36 | 42 40 | 1634 96 |
| P-2 | 1675 43 | 44 17 | 1631 26 |
| P-4 | 1675 28 | 43 92 | 1631 36 |
| P-5 | 1675 38 | 48 58 | 1626 80 |
| P-6 | 1674 96 | 40 73 | 1634 23 |
| P-7 | 1674 63 | 38 88 | 1635 75 |
| P-8 | 1674 39 | 37 90 | 1636 49 |
| P-9 | 1674 55 | 37 83 | 1636 72 |
| ** Date Measured | 07/06/88 | | |
| P-1 | 1677 36 | 41 00 | 1636 36 |
| P-2 | 1675 43 | 42 92 | 1632 51 |
| P-4 | 1675 28 | 42 60 | 1632 68 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-5 | 1675 38 | 47 31 | 1628 07 |
| P-6 | 1674 96 | 39 33 | 1635 63 |
| P-7 | 1674 63 | 37 75 | 1636 88 |
| P-8 | 1674 39 | 36 83 | 1637 56 |
| P-9 | 1674 55 | 36 79 | 1637 76 |
| ** Date Measured | 07/16/88 | | |
| MW87-1 | 1674 82 | 34 73 | 1640 09 |
| MW87-2 | 1667 91 | 28 25 | 1639 66 |
| MW87-3 | 1697 72 | 59 25 | 1638 47 |
| MW87-4 | 1739 35 | 100 92 | 1638 43 |
| MW87-5 | 1676 47 | 37 33 | 1639 14 |
| MW87-6 | 1679 75 | 41 10 | 1638 65 |
| MW87-7 | 1675 35 | 37 42 | 1637 93 |
| MW87-8 | 1678 63 | 40 52 | 1638 11 |
| P-1 | 1677 36 | 40 00 | 1637 36 |
| P-2 | 1675 43 | 41 83 | 1633 60 |
| P-4 | 1675 28 | 41 56 | 1633 72 |
| P-5 | 1675 38 | 46 02 | 1629 36 |
| P-6 | 1674 96 | 37 97 | 1636 99 |
| P-7 | 1674 63 | 36 92 | 1637 71 |
| P-8 | 1674 39 | 36 08 | 1638 31 |
| P-9 | 1674 55 | 35 83 | 1638 72 |
| ** Date Measured | 07/23/88 | | |
| P-1 | 1677 36 | 36 73 | 1640 63 |
| P-2 | 1675 43 | 37 83 | 1637 60 |
| P-4 | 1675 28 | 37 52 | 1637 76 |
| P-5 | 1675 38 | 40 90 | 1634 48 |
| P-6 | 1674 96 | 34 85 | 1640 11 |
| P-7 | 1674 63 | 33 88 | 1640 75 |
| P-8 | 1674 39 | 33 46 | 1640 93 |
| P-9 | 1674 55 | 33 08 | 1641 47 |
| ** Date Measured | 07/27/88 | | |
| P-1 | 1677 36 | 37 42 | 1639 94 |
| P-2 | 1675 43 | 39 25 | 1636 18 |
| P-4 | 1675 28 | 38 92 | 1636 36 |
| P-5 | 1675 38 | 43 35 | 1632 03 |
| P-6 | 1674 96 | 35 54 | 1639 42 |
| P-7 | 1674 63 | 34 38 | 1640 25 |
| P-8 | 1674 39 | 33 58 | 1640 81 |
| P-9 | 1674 55 | 33 17 | 1641 38 |
| ** Date Measured | 08/04/88 | | |
| P-1 | 1677 36 | 40 75 | 1636 61 |
| P-2 | 1675 43 | 42 17 | 1633 26 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-4 | 1675 28 | 41 79 | 1633 49 |
| P-5 | 1675 38 | 45 83 | 1629 55 |
| P-6 | 1674 96 | 38 92 | 1636 04 |
| P-7 | 1674 63 | 37 67 | 1636 96 |
| P-8 | 1674 39 | 36 92 | 1637 47 |
| P-9 | 1674 55 | 36 79 | 1637 76 |
| ** Date Measured | 08/10/88 | | |
| MW87-1 | 1674 82 | 34 25 | 1640 57 |
| MW87-2 | 1667 91 | 27 75 | 1640 16 |
| MW87-3 | 1697 72 | 58 96 | 1638 76 |
| MW87-4 | 1739 35 | 100 85 | 1638 50 |
| MW87-5 | 1676 47 | 36 85 | 1639 62 |
| MW87-6 | 1679 75 | 40 50 | 1639 25 |
| MW87-7 | 1675 35 | 36 75 | 1638 60 |
| MW87-8 | 1678 63 | 39 83 | 1638 80 |
| ** Date Measured | 08/17/88 | | |
| P-1 | 1677 36 | 43 42 | 1633 94 |
| P-2 | 1675 43 | 44 50 | 1630 93 |
| P-4 | 1675 28 | 44 08 | 1631 20 |
| P-5 | 1675 38 | 47 92 | 1627 46 |
| P-6 | 1674 96 | 41 60 | 1633 36 |
| P-7 | 1674 63 | 40 17 | 1634 46 |
| P-8 | 1674 39 | 39 38 | 1635 01 |
| P-9 | 1674 55 | 39 48 | 1635 07 |
| TMW88-01 | 0 00 | 40 50 | -40 50 |
| TMW88-03 | 0 00 | 43 20 | -43 20 |
| TMW88-04 | 0 00 | 55 20 | -55 20 |
| TMW88-05 | 0 00 | 56 70 | -56 70 |
| TMW88-06 | 0 00 | 85 80 | -85 80 |
| TMW88-07 | 0 00 | 82 70 | -82 70 |
| TMW88-08 | 0 00 | 56 70 | -56 70 |
| TMW88-09 | 0 00 | 38 50 | -38 50 |
| TMW88-10 | 1728 79 | 91 80 | 1636 99 |
| TMW88-11 | 1725 57 | 89 50 | 1636 07 |
| ** Date Measured | 08/23/88 | | |
| P-1 | 1677 36 | 41 73 | 1635 63 |
| P-2 | 1675 43 | 42 90 | 1632 53 |
| P-4 | 1675 28 | 42 50 | 1632 78 |
| P-5 | 1675 38 | 46 33 | 1629 05 |
| P-6 | 1674 96 | 39 88 | 1635 08 |
| P-7 | 1674 63 | 38 67 | 1635 96 |
| P-8 | 1674 39 | 37 92 | 1636 47 |
| P-9 | 1674 55 | 37 79 | 1636 76 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| ** Date Measured | 09/01/88 | | |
| P-1 | 1677 36 | 41 25 | 1636 11 |
| P-2 | 1675 43 | 42 38 | 1633 05 |
| P-4 | 1675 28 | 42 00 | 1633 28 |
| P-5 | 1675 38 | 45 75 | 1629 63 |
| P-6 | 1674 96 | 39 38 | 1635 58 |
| P-7 | 1674 63 | 38 29 | 1636 34 |
| P-8 | 1674 39 | 37 58 | 1636 81 |
| P-9 | 1674 55 | 37 50 | 1637 05 |
| ** Date Measured | 09/12/88 | | |
| P-1 | 1677 36 | 38 88 | 1638 48 |
| P-2 | 1675 43 | 40 01 | 1635 42 |
| P-4 | 1675 28 | 39 57 | 1635 71 |
| P-5 | 1675 38 | 43 46 | 1631 92 |
| P-6 | 1674 96 | 36 96 | 1638 00 |
| P-7 | 1674 63 | 36 02 | 1638 61 |
| P-8 | 1674 39 | 35 59 | 1638 80 |
| P-9 | 1674 55 | 35 24 | 1639 31 |
| TMW88-1 | 1681 17 | 41 26 | 1639 91 |
| TMW88-10 | 1728 79 | 89 78 | 1639 01 |
| TMW88-11 | 1725 57 | 87 44 | 1638 13 |
| TMW88-3 | 1682 07 | 43 18 | 1638 89 |
| TMW88-4 | 1696 38 | 57 20 | 1639 18 |
| TMW88-5 | 1696 12 | 57 33 | 1638 79 |
| TMW88-6 | 1724 46 | 85 42 | 1639 04 |
| TMW88-7 | 1724 16 | 86 54 | 1637 62 |
| TMW88-8 | 1691 91 | 53 30 | 1638 61 |
| TMW88-9 | 1674 55 | 35 52 | 1639 03 |
| ** Date Measured | 09/30/88 | | |
| P-1 | 1677 36 | 37 00 | 1640 36 |
| P-2 | 1675 43 | 38 04 | 1637 39 |
| P-4 | 1675 28 | 37 67 | 1637 61 |
| P-5 | 1675 38 | 41 25 | 1634 13 |
| P-6 | 1674 96 | 35 08 | 1639 88 |
| P-7 | 1674 63 | 34 19 | 1640 44 |
| P-8 | 1674 39 | 33 79 | 1640 60 |
| P-9 | 1674 55 | 33 42 | 1641 13 |
| ** Date Measured | 10/07/88 | | |
| P-1 | 1677 36 | 36 63 | 1640 73 |
| P-2 | 1675 43 | 37 67 | 1637 76 |
| P-4 | 1675 28 | 37 27 | 1638 01 |
| P-5 | 1675 38 | 41 00 | 1634 38 |
| P-6 | 1674 96 | 34 67 | 1640 29 |
| P-7 | 1674 63 | 33 79 | 1640 84 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-8 | 1674 39 | 33 38 | 1641 01 |
| P-9 | 1674 55 | 32 98 | 1641 57 |
| ** Date Measured | 10/12/88 | | |
| MW87-1 | 1674 82 | 32 38 | 1642 44 |
| MW87-2 | 1667 91 | 25 92 | 1641 99 |
| MW87-3 | 1697 72 | 56 00 | 1641 72 |
| MW87-4 | 1739 35 | 97 02 | 1642 33 |
| MW87-5 | 1676 47 | 34 79 | 1641 68 |
| MW87-6 | 1679 75 | 37 17 | 1642 58 |
| MW87-7 | 1675 35 | 33 02 | 1642 33 |
| MW87-8 | 1678 63 | 36 29 | 1642 34 |
| P-1 | 1677 36 | 36 21 | 1641 15 |
| P-2 | 1675 43 | 37 21 | 1638 22 |
| P-4 | 1675 28 | 36 79 | 1638 49 |
| P-5 | 1675 38 | 40 50 | 1634 88 |
| P-6 | 1674 96 | 34 27 | 1640 69 |
| P-7 | 1674 63 | 33 40 | 1641 23 |
| P-8 | 1674 39 | 33 00 | 1641 39 |
| P-9 | 1674 55 | 32 65 | 1641 90 |
| ** Date Measured | 10/19/88 | | |
| P-1 | 1677 36 | 35 81 | 1641 55 |
| P-2 | 1675 43 | 36 67 | 1638 76 |
| P-4 | 1675 28 | 36 35 | 1638 93 |
| P-5 | 1675 38 | 39 92 | 1635 46 |
| P-6 | 1674 96 | 33 88 | 1641 08 |
| P-7 | 1674 63 | 33 02 | 1641 61 |
| P-8 | 1674 39 | 32 67 | 1641 72 |
| P-9 | 1674 55 | 33 17 | 1641 38 |
| ** Date Measured | 10/27/88 | | |
| P-1 | 1677 36 | 35 58 | 1641 78 |
| P-2 | 1675 43 | 36 50 | 1638 93 |
| P-4 | 1675 28 | 36 08 | 1639 20 |
| P-5 | 1675 38 | 39 52 | 1635 86 |
| P-6 | 1674 96 | 33 63 | 1641 33 |
| P-7 | 1674 63 | 32 75 | 1641 88 |
| P-8 | 1674 39 | 32 38 | 1642 01 |
| P-9 | 1674 55 | 31 96 | 1642 59 |
| ** Date Measured | 12/05/88 | | |
| MW87-1 | 1674 82 | 30 83 | 1643 99 |
| MW87-2 | 1667 91 | 24 29 | 1643 62 |
| MW87-3 | 1697 72 | 54 29 | 1643 43 |
| MW87-4 | 1739 35 | 95 50 | 1643 85 |
| MW87-5 | 1676 47 | 33 13 | 1643 34 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| MW87-6 | 1679 75 | 36 83 | 1642 92 |
| MW87-7 | 1675 35 | 32 96 | 1642 39 |
| MW87-8 | 1678 63 | 36 19 | 1642 44 |
| P-1 | 1677 36 | 35 25 | 1642 11 |
| P-2 | 1675 43 | 36 79 | 1638 64 |
| P-4 | 1675 28 | 36 54 | 1638 74 |
| P-5 | 1675 38 | 45 75 | 1629 63 |
| P-6 | 1674 96 | 33 35 | 1641 61 |
| P-7 | 1674 63 | 32 29 | 1642 34 |
| P-8 | 1674 39 | 31 73 | 1642 66 |
| P-9 | 1674 55 | 31 08 | 1643 47 |
| ** Date Measured | 12/14/88 | | |
| MW87-1 | 1674 82 | 30 96 | 1643 86 |
| MW87-2 | 1667 91 | 23 88 | 1644 03 |
| MW87-3 | 1697 72 | 54 00 | 1643 72 |
| MW87-4 | 1739 35 | 94 58 | 1644 77 |
| MW87-5 | 1676 47 | 32 75 | 1643 72 |
| MW87-6 | 1679 75 | 36 79 | 1642 96 |
| MW87-7 | 1675 35 | 32 81 | 1642 54 |
| MW87-8 | 1678 63 | 36 19 | 1642 44 |
| P-1 | 1677 36 | 35 19 | 1642 17 |
| P-2 | 1675 43 | 36 96 | 1638 47 |
| P-4 | 1675 28 | 36 71 | 1638 57 |
| P-5 | 1675 38 | 46 79 | 1628 59 |
| P-6 | 1674 96 | 33 29 | 1641 67 |
| P-7 | 1674 63 | 31 15 | 1643 48 |
| P-8 | 1674 39 | 31 54 | 1642 85 |
| P-9 | 1674 55 | 30 83 | 1643 72 |
| ** Date Measured | 01/24/89 | | |
| MW87-1 | 1674 82 | 29 67 | 1645 15 |
| MW87-2 | 1667 91 | 23 17 | 1644 74 |
| MW87-3 | 1697 72 | 53 17 | 1644 55 |
| MW87-4 | 1739 35 | 94 33 | 1645 02 |
| MW87-5 | 1676 47 | 32 00 | 1644 47 |
| MW87-6 | 1679 75 | 35 67 | 1644 08 |
| MW87-7 | 1675 35 | 31 83 | 1643 52 |
| MW87-8 | 1678 63 | 35 13 | 1643 50 |
| P-1 | 1677 36 | 34 17 | 1643 19 |
| P-2 | 1675 43 | 35 83 | 1639 60 |
| P-4 | 1675 28 | 35 60 | 1639 68 |
| P-5 | 1675 38 | 41 63 | 1633 75 |
| P-6 | 1674 96 | 32 29 | 1642 67 |
| P-7 | 1674 63 | 31 17 | 1643 46 |
| P-8 | 1674 39 | 30 63 | 1643 76 |
| P-9 | 1674 55 | 30 00 | 1644 55 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| ** Date Measured | 02/24/89 | | |
| P-1 | 1677 36 | 33 29 | 1644 07 |
| P-2 | 1675 43 | 35 33 | 1640 10 |
| P-4 | 1675 28 | 35 10 | 1640 18 |
| P-5 | 1675 38 | 41 67 | 1633 71 |
| P-6 | 1674 96 | 31 83 | 1643 13 |
| P-7 | 1674 63 | 30 75 | 1643 88 |
| P-8 | 1674 39 | 30 29 | 1644 10 |
| P-9 | 1674 55 | 29 67 | 1644 88 |
| ** Date Measured | 03/08/89 | | |
| MW87-1 | 1674 82 | 29 38 | 1645 44 |
| MW87-2 | 1667 91 | 22 75 | 1645 16 |
| MW87-3 | 1697 72 | 52 71 | 1645 01 |
| MW87-4 | 1739 35 | 93 92 | 1645 43 |
| MW87-5 | 1676 47 | 31 54 | 1644 93 |
| MW87-6 | 1679 75 | 35 29 | 1644 46 |
| MW87-7 | 1675 35 | 31 40 | 1643 95 |
| MW87-8 | 1678 63 | 34 73 | 1643 90 |
| P-1 | 1677 36 | 33 71 | 1643 65 |
| P-2 | 1675 43 | 35 40 | 1640 03 |
| P-4 | 1675 28 | 35 17 | 1640 11 |
| P-5 | 1675 38 | 42 29 | 1633 09 |
| P-6 | 1674 96 | 31 83 | 1643 13 |
| P-7 | 1674 63 | 30 71 | 1643 92 |
| P-8 | 1674 39 | 30 21 | 1644 18 |
| P-9 | 1674 55 | 29 50 | 1645 05 |
| ** Date Measured | 04/17/89 | | |
| MW87-1 | 1674 82 | 29 58 | 1645 24 |
| MW87-2 | 1667 91 | 22 83 | 1645 08 |
| MW87-3 | 1697 72 | 53 38 | 1644 34 |
| MW87-4 | 1739 35 | 94 50 | 1644 85 |
| MW87-5 | 1676 47 | 31 79 | 1644 68 |
| MW87-6 | 1679 75 | 35 77 | 1643 98 |
| MW87-7 | 1675 35 | 31 88 | 1643 47 |
| MW87-8 | 1678 63 | 35 23 | 1643 40 |
| P-1 | 1677 36 | 34 42 | 1642 94 |
| P-2 | 1675 43 | 36 75 | 1638 68 |
| P-4 | 1675 28 | 36 58 | 1638 70 |
| P-5 | 1675 38 | 44 50 | 1630 88 |
| P-6 | 1674 96 | 32 63 | 1642 33 |
| P-7 | 1674 63 | 31 25 | 1643 38 |
| P-8 | 1674 39 | 30 63 | 1643 76 |
| P-9 | 1674 55 | 29 90 | 1644 65 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| ** Date Measured | 04/22/89 | | |
| 82-2M | 1678 21 | 32 90 | 1645 31 |
| City Well | 1670 37 | 23 00 | 1647 37 |
| Fire Well | 1697 00 | 46 60 | 1650 40 |
| Old Well | 1679 66 | 34 40 | 1645 26 |
| P-1 | 1677 36 | 32 80 | 1644 56 |
| P-6 | 1674 96 | 28 20 | 1646 76 |
| P-9 | 1674 55 | 27 00 | 1647 55 |
| ** Date Measured | 04/27/89 | | |
| MW87-1 | 1674 82 | 29 48 | 1645 34 |
| MW87-2 | 1667 91 | 24 27 | 1643 64 |
| MW87-3 | 1697 72 | 63 77 | 1633 95 |
| MW87-4 | 1739 35 | 95 33 | 1644 02 |
| MW87-5 | 1676 47 | 34 33 | 1642 14 |
| MW87-6 | 1679 75 | 34 81 | 1644 94 |
| MW87-7 | 1675 35 | 31 56 | 1643 79 |
| MW87-8 | 1678 63 | 34 31 | 1644 32 |
| P-1 | 1677 36 | 32 50 | 1644 86 |
| P-2 | 1675 43 | 31 29 | 1644 14 |
| P-4 | 1675 28 | 30 90 | 1644 38 |
| P-5 | 1675 38 | 31 00 | 1644 38 |
| P-6 | 1674 96 | 30 69 | 1644 27 |
| P-7 | 1674 63 | 30 52 | 1644 11 |
| P-8 | 1674 39 | 30 79 | 1643 60 |
| P-9 | 1674 55 | 32 29 | 1642 26 |
| ** Date Measured | 05/03/89 | | |
| MW87-1 | 1674 82 | 29 71 | 1645 11 |
| MW87-2 | 1667 91 | 24 46 | 1643 45 |
| MW87-3 | 1697 72 | 63 73 | 1633 99 |
| MW87-4 | 1739 35 | 95 73 | 1643 62 |
| MW87-5 | 1676 47 | 34 46 | 1642 01 |
| MW87-6 | 1679 75 | 35 08 | 1644 67 |
| MW87-7 | 1675 35 | 31 73 | 1643 62 |
| MW87-8 | 1678 63 | 34 46 | 1644 17 |
| P-1 | 1677 36 | 32 67 | 1644 69 |
| P-2 | 1675 43 | 31 46 | 1643 97 |
| P-4 | 1675 28 | 31 08 | 1644 20 |
| P-5 | 1675 38 | 31 17 | 1644 21 |
| P-6 | 1674 96 | 29 90 | 1645 06 |
| P-7 | 1674 63 | 30 73 | 1643 90 |
| P-8 | 1674 39 | 30 98 | 1643 41 |
| P-9 | 1674 55 | 32 50 | 1642 05 |
| ** Date Measured | 05/11/89 | | |
| MW87-1 | 1674 82 | 32 56 | 1642 26 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| MW87-2 | 1667 91 | 27 31 | 1640 60 |
| MW87-3 | 1697 72 | 68 42 | 1629 30 |
| MW87-4 | 1739 35 | 101 63 | 1637 72 |
| MW87-5 | 1676 47 | 37 69 | 1638 78 |
| MW87-6 | 1679 75 | 38 67 | 1641 08 |
| MW87-7 | 1675 35 | 35 50 | 1639 85 |
| MW87-8 | 1678 63 | 37 90 | 1640 73 |
| P-1 | 1677 36 | 36 79 | 1640 57 |
| P-2 | 1675 43 | 35 46 | 1639 97 |
| P-4 | 1675 28 | 35 04 | 1640 24 |
| P-5 | 1675 38 | 35 15 | 1640 23 |
| P-6 | 1674 96 | 35 17 | 1639 79 |
| P-7 | 1674 63 | 34 54 | 1640 09 |
| P-8 | 1674 39 | 34 75 | 1639 64 |
| P-9 | 1674 55 | 36 58 | 1637 97 |
| ** Date Measured | 05/19/89 | | |
| MW87-1 | 1674 82 | 31 44 | 1643 38 |
| MW87-2 | 1667 91 | 26 23 | 1641 68 |
| MW87-3 | 1697 72 | 65 92 | 1631 80 |
| MW87-4 | 1739 35 | 97 27 | 1642 08 |
| MW87-5 | 1676 47 | 36 38 | 1640 09 |
| MW87-6 | 1679 75 | 36 94 | 1642 81 |
| MW87-7 | 1675 35 | 33 65 | 1641 70 |
| MW87-8 | 1678 63 | 36 33 | 1642 30 |
| P-1 | 1677 36 | 34 63 | 1642 73 |
| P-2 | 1675 43 | 33 40 | 1642 03 |
| P-4 | 1675 28 | 33 02 | 1642 26 |
| P-5 | 1675 38 | 33 10 | 1642 28 |
| P-6 | 1674 96 | 32 88 | 1642 08 |
| P-7 | 1674 63 | 32 65 | 1641 98 |
| P-8 | 1674 39 | 32 90 | 1641 49 |
| P-9 | 1674 55 | 34 50 | 1640 05 |
| ** Date Measured | 05/24/89 | | |
| MW87-1 | 1674 82 | 31 29 | 1643 53 |
| MW87-2 | 1667 91 | 25 02 | 1642 89 |
| MW87-3 | 1697 72 | 55 54 | 1642 18 |
| MW87-4 | 1739 35 | 96 08 | 1643 27 |
| MW87-5 | 1676 47 | 34 19 | 1642 28 |
| MW87-6 | 1679 75 | 36 52 | 1643 23 |
| MW87-7 | 1675 35 | 32 17 | 1643 18 |
| MW87-8 | 1678 63 | 35 96 | 1642 67 |
| P-1 | 1677 36 | 34 17 | 1643 19 |
| P-2 | 1675 43 | 32 94 | 1642 49 |
| P-4 | 1675 28 | 32 54 | 1642 74 |
| P-5 | 1675 38 | 32 63 | 1642 75 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-6 | 1674 96 | 32 38 | 1642 58 |
| P-7 | 1674 63 | 32 19 | 1642 44 |
| P-8 | 1674 39 | 32 27 | 1642 12 |
| P-9 | 1674 55 | 33 88 | 1640 67 |
| ** Date Measured | 06/02/89 | | |
| MW87-1 | 1674 82 | 29 38 | 1645 44 |
| MW87-2 | 1667 91 | 23 44 | 1644 47 |
| MW87-3 | 1697 72 | 54 02 | 1643 70 |
| MW87-4 | 1739 35 | 94 42 | 1644 93 |
| MW87-5 | 1676 47 | 29 71 | 1646 76 |
| MW87-6 | 1679 75 | 34 29 | 1645 46 |
| MW87-7 | 1675 35 | 29 38 | 1645 97 |
| MW87-8 | 1678 63 | 34 52 | 1644 11 |
| P-6 | 1674 96 | 29 25 | 1645 71 |
| P-7 | 1674 63 | 29 60 | 1645 03 |
| P-8 | 1674 39 | 29 75 | 1644 64 |
| P-9 | 1674 55 | 29 08 | 1645 47 |
| ** Date Measured | 06/14/89 | | |
| MW87-1 | 1674 82 | 30 29 | 1644 53 |
| MW87-2 | 1667 91 | 24 56 | 1643 35 |
| MW87-3 | 1697 72 | 55 10 | 1642 62 |
| MW87-4 | 1739 35 | 95 77 | 1643 58 |
| MW87-5 | 1676 47 | 33 77 | 1642 70 |
| MW87-6 | 1679 75 | 35 71 | 1644 04 |
| MW87-7 | 1675 35 | 32 02 | 1643 33 |
| MW87-8 | 1678 63 | 35 13 | 1643 50 |
| P-1 | 1677 36 | 33 08 | 1644 28 |
| P-2 | 1675 43 | 31 81 | 1643 62 |
| P-4 | 1675 28 | 31 42 | 1643 86 |
| P-5 | 1675 38 | 31 50 | 1643 88 |
| P-6 | 1674 96 | 31 10 | 1643 86 |
| P-7 | 1674 63 | 31 15 | 1643 48 |
| P-8 | 1674 39 | 31 40 | 1642 99 |
| P-9 | 1674 55 | 31 31 | 1643 24 |
| ** Date Measured | 06/22/89 | | |
| MW87-1 | 1674 82 | 33 96 | 1640 86 |
| MW87-2 | 1667 91 | 28 77 | 1639 14 |
| MW87-3 | 1697 72 | 61 17 | 1636 55 |
| MW87-5 | 1676 47 | 38 88 | 1637 59 |
| MW87-6 | 1679 75 | 40 08 | 1639 67 |
| MW87-7 | 1675 35 | 36 42 | 1638 93 |
| MW87-8 | 1678 63 | 39 04 | 1639 59 |
| P-1 | 1677 36 | 38 00 | 1639 36 |
| P-2 | 1675 43 | 36 58 | 1638 85 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-4 | 1675 28 | 36 13 | 1639 15 |
| P-5 | 1675 38 | 36 21 | 1639 17 |
| P-6 | 1674 96 | 36 21 | 1638 75 |
| P-7 | 1674 63 | 35 50 | 1639 13 |
| P-8 | 1674 39 | 35 58 | 1638 81 |
| P-9 | 1674 55 | 38 25 | 1636 30 |
| ** Date Measured | 06/28/89 | | |
| MW87-1 | 1674 82 | 32 65 | 1642 17 |
| MW87-2 | 1667 91 | 27 54 | 1640 37 |
| MW87-3 | 1697 72 | 66 33 | 1631 39 |
| MW87-4 | 1739 35 | 98 92 | 1640 43 |
| MW87-5 | 1676 47 | 37 50 | 1638 97 |
| MW87-6 | 1679 75 | 38 08 | 1641 67 |
| MW87-7 | 1675 35 | 34 81 | 1640 54 |
| MW87-8 | 1678 63 | 37 50 | 1641 13 |
| P-1 | 1677 36 | 35 79 | 1641 57 |
| P-2 | 1675 43 | 34 58 | 1640 85 |
| P-4 | 1675 28 | 34 21 | 1641 07 |
| P-5 | 1675 38 | 34 27 | 1641 11 |
| P-6 | 1674 96 | 34 04 | 1640 92 |
| P-7 | 1674 63 | 33 83 | 1640 80 |
| P-8 | 1674 39 | 34 10 | 1640 29 |
| P-9 | 1674 55 | 35 58 | 1638 97 |
| ** Date Measured | 07/06/89 | | |
| MW87-1 | 1674 82 | 33 77 | 1641 05 |
| MW87-2 | 1667 91 | 27 75 | 1640 16 |
| MW87-3 | 1697 72 | 60 02 | 1637 70 |
| MW87-4 | 1739 35 | 101 95 | 1637 40 |
| MW87-5 | 1676 47 | 37 42 | 1639 05 |
| MW87-6 | 1679 75 | 39 60 | 1640 15 |
| MW87-7 | 1675 35 | 35 75 | 1639 60 |
| MW87-8 | 1678 63 | 38 54 | 1640 09 |
| P-1 | 1677 36 | 37 40 | 1639 96 |
| P-2 | 1675 43 | 35 94 | 1639 49 |
| P-4 | 1675 28 | 35 46 | 1639 82 |
| P-5 | 1675 38 | 35 58 | 1639 80 |
| P-6 | 1674 96 | 35 50 | 1639 46 |
| P-7 | 1674 63 | 34 81 | 1639 82 |
| P-8 | 1674 39 | 34 90 | 1639 49 |
| P-9 | 1674 55 | 35 50 | 1639 05 |
| ** Date Measured | 07/20/89 | | |
| 82-2M | 1678 21 | 39 85 | 1638 36 |
| City Well | 1670 37 | 32 00 | 1638 37 |
| Fire Well | 1697 00 | 58 13 | 1638 87 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| MW87-3 | 1697 72 | 68 80 | 1628 92 |
| MW87-4 | 1739 35 | 102 40 | 1636 95 |
| MW87-5 | 1676 47 | 40 25 | 1636 22 |
| MW87-6 | 1679 75 | 41 32 | 1638 43 |
| MW87-7 | 1675 35 | 37 90 | 1637 45 |
| MW87-8 | 1678 63 | 40 58 | 1638 05 |
| Old Well | 1679 66 | 41 00 | 1638 66 |
| P-1 | 1677 36 | 44 90 | 1632 46 |
| TMW88-1 | 1681 17 | 42 40 | 1638 77 |
| TMW88-3 | 1682 07 | 45 70 | 1636 37 |
| TMW88-5 | 1696 12 | 83 87 | 1612 25 |
| TMW88-5 | 1696 12 | 60 30 | 1635 82 |
| TMW88-8 | 1691 91 | 55 82 | 1636 09 |
| TMW88-9 | 1674 55 | 38 69 | 1635 86 |
| ** Date Measured | 07/28/89 | | |
| MW87-1 | 1674 82 | 40 55 | 1634 27 |
| MW87-2 | 1667 91 | 34 80 | 1633 11 |
| MW87-3 | 1697 72 | 74 85 | 1622 87 |
| MW87-4 | 1739 35 | 110 12 | 1629 23 |
| MW87-5 | 1676 47 | 45 45 | 1631 02 |
| MW87-6 | 1679 75 | 46 90 | 1632 85 |
| MW87-7 | 1675 35 | 43 46 | 1631 89 |
| MW87-8 | 1678 63 | 45 85 | 1632 78 |
| P-2 | 1675 43 | 43 53 | 1631 90 |
| P-4 | 1675 28 | 43 10 | 1632 18 |
| P-5 | 1675 38 | 43 23 | 1632 15 |
| P-6 | 1674 96 | 43 28 | 1631 68 |
| P-7 | 1674 63 | 42 50 | 1632 13 |
| P-8 | 1674 39 | 42 66 | 1631 73 |
| P-9 | 1674 55 | 44 33 | 1630 22 |
| ** Date Measured | 08/03/89 | | |
| MW87-1 | 1674 82 | 39 09 | 1635 73 |
| MW87-2 | 1667 91 | 34 55 | 1633 36 |
| MW87-3 | 1697 72 | 74 30 | 1623 42 |
| MW87-4 | 1739 35 | 110 32 | 1629 03 |
| MW87-5 | 1676 47 | 45 10 | 1631 37 |
| MW87-6 | 1679 75 | 46 60 | 1633 15 |
| MW87-7 | 1675 35 | 43 10 | 1632 25 |
| MW87-8 | 1678 63 | 45 46 | 1633 17 |
| P-1 | 1677 36 | 44 59 | 1632 77 |
| P-2 | 1675 43 | 43 10 | 1632 33 |
| P-4 | 1675 28 | 42 67 | 1632 61 |
| P-5 | 1675 38 | 42 87 | 1632 51 |
| P-6 | 1674 96 | 42 91 | 1632 05 |
| P-7 | 1674 63 | 42 15 | 1632 48 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-8 | 1674 39 | 42 23 | 1632 16 |
| P-9 | 1674 55 | 44 05 | 1630 50 |
| ** Date Measured | 08/10/89 | | |
| MW87-1 | 1674 82 | 43 18 | 1631 64 |
| MW87-2 | 1667 91 | 37 46 | 1630 45 |
| MW87-3 | 1697 72 | 76 88 | 1620 84 |
| MW87-4 | 1739 35 | 112 16 | 1627 19 |
| MW87-5 | 1676 47 | 47 90 | 1628 57 |
| MW87-6 | 1679 75 | 49 19 | 1630 56 |
| MW87-7 | 1675 35 | 45 75 | 1629 60 |
| MW87-8 | 1678 63 | 48 15 | 1630 48 |
| P-1 | 1677 36 | 47 10 | 1630 26 |
| P-2 | 1675 43 | 45 71 | 1629 72 |
| P-4 | 1675 28 | 45 30 | 1629 98 |
| P-5 | 1675 38 | 45 37 | 1630 01 |
| P-6 | 1674 96 | 45 44 | 1629 52 |
| P-7 | 1674 63 | 44 87 | 1629 76 |
| P-8 | 1674 39 | 44 89 | 1629 50 |
| P-9 | 1674 55 | 46 59 | 1627 96 |
| ** Date Measured | 08/18/89 | | |
| MW87-1 | 1674 82 | 44 30 | 1630 52 |
| MW87-2 | 1667 91 | 38 50 | 1629 41 |
| MW87-3 | 1697 72 | 75 85 | 1621 87 |
| MW87-4 | 1739 35 | 113 24 | 1626 11 |
| MW87-5 | 1676 47 | 48 87 | 1627 60 |
| MW87-6 | 1679 75 | 50 60 | 1629 15 |
| MW87-7 | 1675 35 | 47 01 | 1628 34 |
| MW87-8 | 1678 63 | 49 48 | 1629 15 |
| P-1 | 1677 36 | 48 60 | 1628 76 |
| P-2 | 1675 43 | 47 15 | 1628 28 |
| P-4 | 1675 28 | 46 70 | 1628 58 |
| P-5 | 1675 38 | 46 80 | 1628 58 |
| P-6 | 1674 96 | 46 80 | 1628 16 |
| P-7 | 1674 63 | 48 05 | 1626 58 |
| P-8 | 1674 39 | 46 15 | 1628 24 |
| P-9 | 1674 55 | 47 49 | 1627 06 |
| ** Date Measured | 09/01/89 | | |
| MW87-1 | 1674 82 | 40 63 | 1634 19 |
| MW87-2 | 1667 91 | 34 60 | 1633 31 |
| MW87-3 | 1697 72 | 65 99 | 1631 73 |
| MW87-4 | 1739 35 | 106 89 | 1632 46 |
| MW87-5 | 1676 47 | 44 00 | 1632 47 |
| MW87-6 | 1679 75 | 45 70 | 1634 05 |
| MW87-7 | 1675 35 | 41 90 | 1633 45 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| MW87-8 | 1678 63 | 44 80 | 1633 83 |
| P-1 | 1677 36 | 43 21 | 1634 15 |
| P-2 | 1675 43 | 41 92 | 1633 51 |
| P-4 | 1675 28 | 41 45 | 1633 83 |
| P-5 | 1675 38 | 41 54 | 1633 84 |
| P-6 | 1674 96 | 41 30 | 1633 66 |
| P-7 | 1674 63 | 40 90 | 1633 73 |
| P-8 | 1674 39 | 41 11 | 1633 28 |
| P-9 | 1674 55 | 41 71 | 1632 84 |
| ** Date Measured | 09/07/89 | | |
| MW87-1 | 1674 82 | 38 10 | 1636 72 |
| MW87-2 | 1667 91 | 33 60 | 1634 31 |
| MW87-3 | 1697 72 | 105 30 | 1592 42 |
| MW87-4 | 1739 35 | 72 43 | 1666 92 |
| MW87-5 | 1676 47 | 43 62 | 1632 85 |
| MW87-6 | 1679 75 | 43 00 | 1636 75 |
| MW87-7 | 1675 35 | 39 20 | 1636 15 |
| MW87-8 | 1678 63 | 42 20 | 1636 43 |
| P-1 | 1677 36 | 40 60 | 1636 76 |
| P-2 | 1675 43 | 39 20 | 1636 23 |
| P-4 | 1675 28 | 38 80 | 1636 48 |
| P-5 | 1675 38 | 38 80 | 1636 58 |
| P-6 | 1674 96 | 38 50 | 1636 46 |
| P-7 | 1674 63 | 38 25 | 1636 38 |
| P-8 | 1674 39 | 38 40 | 1635 99 |
| P-9 | 1674 55 | 41 88 | 1632 67 |
| ** Date Measured | 09/14/89 | | |
| MW87-1 | 1674 82 | 37 98 | 1636 84 |
| MW87-2 | 1667 91 | 32 88 | 1635 03 |
| MW87-3 | 1697 72 | 70 83 | 1626 89 |
| MW87-4 | 1739 35 | 104 37 | 1634 98 |
| MW87-5 | 1676 47 | 42 80 | 1633 67 |
| MW87-6 | 1679 75 | 43 57 | 1636 18 |
| MW87-7 | 1675 35 | 40 29 | 1635 06 |
| MW87-8 | 1678 63 | 42 99 | 1635 64 |
| P-1 | 1677 36 | 41 31 | 1636 05 |
| P-2 | 1675 43 | 40 09 | 1635 34 |
| P-4 | 1675 28 | 39 72 | 1635 56 |
| P-5 | 1675 38 | 39 78 | 1635 60 |
| P-6 | 1674 96 | 39 48 | 1635 48 |
| P-7 | 1674 63 | 39 30 | 1635 33 |
| P-8 | 1674 39 | 35 91 | 1638 48 |
| P-9 | 1674 55 | 40 89 | 1633 66 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| ** Date Measured | 09/21/89 | | |
| MW87-1 | 1674 82 | 37 02 | 1637 80 |
| MW87-2 | 1667 91 | 31 85 | 1636 06 |
| MW87-3 | 1697 72 | 68 65 | 1629 07 |
| MW87-4 | 1739 35 | 103 12 | 1636 23 |
| MW87-5 | 1676 47 | 41 60 | 1634 87 |
| MW87-6 | 1679 75 | 42 50 | 1637 25 |
| MW87-7 | 1675 35 | 39 10 | 1636 25 |
| MW87-8 | 1678 63 | 41 85 | 1636 78 |
| P-1 | 1677 36 | 40 15 | 1637 21 |
| P-2 | 1675 43 | 38 90 | 1636 53 |
| P-4 | 1675 28 | 38 54 | 1636 74 |
| P-5 | 1675 38 | 38 63 | 1636 75 |
| P-6 | 1674 96 | 38 33 | 1636 63 |
| P-7 | 1674 63 | 38 11 | 1636 52 |
| P-8 | 1674 39 | 38 35 | 1636 04 |
| P-9 | 1674 55 | 39 56 | 1634 99 |
| ** Date Measured | 09/29/89 | | |
| MW87-1 | 1674 82 | 36 25 | 1638 57 |
| MW87-2 | 1667 91 | 30 80 | 1637 11 |
| MW87-3 | 1697 72 | 67 12 | 1630 60 |
| MW87-4 | 1739 35 | 102 10 | 1637 25 |
| MW87-5 | 1676 47 | 40 50 | 1635 97 |
| MW87-6 | 1679 75 | 41 65 | 1638 10 |
| MW87-7 | 1675 35 | 38 25 | 1637 10 |
| MW87-8 | 1678 63 | 40 96 | 1637 67 |
| P-1 | 1677 36 | 39 28 | 1638 08 |
| P-2 | 1675 43 | 38 02 | 1637 41 |
| P-4 | 1675 28 | 37 70 | 1637 58 |
| P-5 | 1675 38 | 37 81 | 1637 57 |
| P-6 | 1674 96 | 37 40 | 1637 56 |
| P-7 | 1674 63 | 37 19 | 1637 44 |
| P-8 | 1674 39 | 37 32 | 1637 07 |
| P-9 | 1674 55 | 38 41 | 1636 14 |
| ** Date Measured | 10/05/89 | | |
| MW87-1 | 1674 82 | 35 90 | 1638 92 |
| MW87-2 | 1667 91 | 29 98 | 1637 93 |
| MW87-3 | 1697 72 | 65 03 | 1632 69 |
| MW87-4 | 1739 35 | 101 20 | 1638 15 |
| MW87-5 | 1676 47 | 39 60 | 1636 87 |
| MW87-6 | 1679 75 | 40 87 | 1638 88 |
| MW87-7 | 1675 35 | 37 35 | 1638 00 |
| MW87-8 | 1678 63 | 41 19 | 1637 44 |
| P-1 | 1677 36 | 38 58 | 1638 78 |
| P-2 | 1675 43 | 37 25 | 1638 18 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| P-4 | 1675 28 | 36 81 | 1638 47 |
| P-5 | 1675 38 | 36 95 | 1638 43 |
| P-6 | 1674 96 | 36 61 | 1638 35 |
| P-7 | 1674 63 | 36 36 | 1638 27 |
| P-8 | 1674 39 | 36 52 | 1637 87 |
| P-9 | 1674 55 | 37 50 | 1637 05 |
| ** Date Measured | 10/13/89 | | |
| MW87-1 | 1674 82 | 34 78 | 1640 04 |
| MW87-2 | 1667 91 | 29 18 | 1638 73 |
| MW87-3 | 1697 72 | 67 31 | 1630 41 |
| MW87-4 | 1739 35 | 100 10 | 1639 25 |
| MW87-5 | 1676 47 | 38 70 | 1637 77 |
| MW87-6 | 1679 75 | 39 95 | 1639 80 |
| MW87-7 | 1675 35 | 36 25 | 1639 10 |
| MW87-8 | 1678 63 | 39 19 | 1639 44 |
| P-1 | 1677 36 | 37 50 | 1639 86 |
| P-2 | 1675 43 | 36 18 | 1639 25 |
| P-4 | 1675 28 | 35 78 | 1639 50 |
| P-5 | 1675 38 | 35 87 | 1639 51 |
| P-6 | 1674 96 | 35 51 | 1639 45 |
| P-7 | 1674 63 | 35 31 | 1639 32 |
| P-8 | 1674 39 | 35 55 | 1638 84 |
| P-9 | 1674 55 | 36 32 | 1638 23 |
| ** Date Measured | 11/13/89 | | |
| PMW89-11A | 1693 32 | 54 68 | 1638 64 |
| PMW89-11B | 1693 57 | 54 83 | 1638 74 |
| PMW89-9A | 1727 44 | 87 15 | 1640 29 |
| PMW89-9B | 1727 73 | 87 87 | 1639 86 |
| ** Date Measured | 11/14/89 | | |
| PMW89-10A | 1717 73 | 80 00 | 1637 73 |
| PMW89-10B | 1718 18 | 80 45 | 1637 73 |
| ** Date Measured | 11/15/89 | | |
| PMW89-15 | 1678 84 | 37 25 | 1641 59 |
| ** Date Measured | 11/17/89 | | |
| 82-2M | 1678 21 | 36 35 | 1641 86 |
| MW87-1 | 1674 82 | 33 74 | 1641 08 |
| MW87-2 | 1667 91 | 28 04 | 1639 87 |
| MW87-3 | 1697 72 | 56 75 | 1640 97 |
| MW87-4 | 1739 35 | 97 33 | 1642 02 |
| MW87-5 | 1676 47 | 36 90 | 1639 57 |
| MW87-6 | 1679 75 | 38 03 | 1641 72 |
| MW87-7 | 1675 35 | 33 75 | 1641 60 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| MW87-8 | 1678 63 | 37 00 | 1641 63 |
| P-1 | 1677 36 | 35 00 | 1642 36 |
| P-6 | 1674 96 | 33 17 | 1641 79 |
| P-9 | 1674 55 | 33 17 | 1641 38 |
| TMW88-5 | 1696 12 | 52 10 | 1644 02 |
| TMW88-6 | 1724 46 | 86 55 | 1637 91 |
| TMW88-8 | 1691 91 | 52 00 | 1639 91 |
| TMW88-9 | 1674 55 | 33 33 | 1641 22 |
| ** Date Measured | 11/18/89 | | |
| PMW89-14 | 1679 66 | 37 90 | 1641 76 |
| ** Date Measured | 11/21/89 | | |
| PMW89-12 | 1675 47 | 34 14 | 1641 33 |
| PMW89-13 | 1674 67 | 33 50 | 1641 17 |
| ** Date Measured | 11/29/89 | | |
| MW87-1 | 1674 82 | 33 61 | 1641 21 |
| MW87-2 | 1667 91 | 27 20 | 1640 71 |
| MW87-3 | 1697 72 | 56 00 | 1641 72 |
| MW87-4 | 1739 35 | 98 42 | 1640 93 |
| MW87-5 | 1676 47 | 36 00 | 1640 47 |
| MW87-6 | 1679 75 | 39 75 | 1640 00 |
| MW87-7 | 1675 35 | 35 89 | 1639 46 |
| MW87-8 | 1678 63 | 39 09 | 1639 54 |
| P-1 | 1677 36 | 38 15 | 1639 21 |
| P-6 | 1674 96 | 36 30 | 1638 66 |
| P-7 | 1674 63 | 35 12 | 1639 51 |
| P-9 | 1674 55 | 33 90 | 1640 65 |
| TMW88-1 | 1681 17 | 40 55 | 1640 62 |
| TMW88-5 | 1696 12 | 55 57 | 1640 55 |
| TMW88-6 | 1724 46 | 83 75 | 1640 71 |
| TMW88-8 | 1691 91 | 51 90 | 1640 01 |
| ** Date Measured | 12/08/89 | | |
| MW87-1 | 1674 82 | 32 46 | 1642 36 |
| MW87-2 | 1667 91 | 26 69 | 1641 22 |
| MW87-3 | 1697 72 | 63 03 | 1634 69 |
| MW87-4 | 1739 35 | 97 43 | 1641 92 |
| MW87-5 | 1676 47 | 36 50 | 1639 97 |
| MW87-6 | 1679 75 | 37 50 | 1642 25 |
| MW87-7 | 1675 35 | 37 82 | 1637 53 |
| MW87-8 | 1678 63 | 36 70 | 1641 93 |
| P-1 | 1677 36 | 35 00 | 1642 36 |
| P-6 | 1674 96 | 33 05 | 1641 91 |
| P-9 | 1674 55 | 34 10 | 1640 45 |
| TMW88-1 | 1681 17 | 38 40 | 1642 77 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| TMW88-5 | 1696 12 | 58 65 | 1637 47 |
| TMW88-6 | 1724 46 | 85 30 | 1639 16 |
| TMW88-8 | 1691 91 | 52 10 | 1639 81 |
| ** Date Measured | 12/14/89 | | |
| MW87-1 | 1674 82 | 33 30 | 1641 52 |
| MW87-3 | 1697 72 | 56 85 | 1640 87 |
| MW87-4 | 1739 35 | 97 50 | 1641 85 |
| MW87-6 | 1679 75 | 39 50 | 1640 25 |
| MW87-7 | 1675 35 | 35 60 | 1639 75 |
| MW87-8 | 1678 63 | 37 90 | 1640 73 |
| P-1 | 1677 36 | 37 95 | 1639 41 |
| P-6 | 1674 96 | 36 20 | 1638 76 |
| P-9 | 1674 55 | 33 70 | 1640 85 |
| PMW89-12 | 1675 47 | 34 80 | 1640 67 |
| PMW89-13 | 1674 67 | 33 20 | 1641 47 |
| PMW89-14 | 1679 66 | 37 40 | 1642 26 |
| PMW89-15 | 1678 84 | 38 35 | 1640 49 |
| TMW88-3 | 1682 07 | 55 30 | 1626 77 |
| TMW88-8 | 1691 91 | 33 80 | 1658 11 |
| ** Date Measured | 01/02/90 | | |
| MW87-1 | 1674 82 | 30 80 | 1644 02 |
| MW87-2 | 1667 91 | 24 42 | 1643 49 |
| MW87-3 | 1697 72 | 54 40 | 1643 32 |
| MW87-4 | 1739 35 | 95 05 | 1644 30 |
| MW87-5 | 1676 47 | 33 46 | 1643 01 |
| MW87-6 | 1679 75 | 35 55 | 1644 20 |
| MW87-7 | 1675 35 | 31 40 | 1643 95 |
| MW87-8 | 1678 63 | 34 71 | 1643 92 |
| P-1 | 1677 36 | 32 80 | 1644 56 |
| P-4 | 1675 28 | 31 05 | 1644 23 |
| P-5 | 1675 38 | 31 18 | 1644 20 |
| P-6 | 1674 96 | 30 72 | 1644 24 |
| P-7 | 1674 63 | 30 42 | 1644 21 |
| P-8 | 1674 39 | 30 60 | 1643 79 |
| P-9 | 1674 55 | 30 69 | 1643 86 |
| PMW89-10A | 1717 73 | 77 23 | 1640 50 |
| PMW89-10B | 1718 18 | 77 79 | 1640 39 |
| PMW89-11A | 1693 32 | 52 05 | 1641 27 |
| PMW89-11B | 1693 57 | 52 30 | 1641 27 |
| PMW89-13 | 1674 67 | 31 35 | 1643 32 |
| PMW89-9A | 1727 44 | 84 50 | 1642 94 |
| PMW89-9B | 1727 73 | 84 79 | 1642 94 |
| TMW88-1 | 1681 17 | 36 42 | 1644 75 |
| TMW88-4 | 1696 38 | 51 35 | 1645 03 |
| TMW88-5 | 1696 12 | 52 69 | 1643 43 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| TMW88-6 | 1724 46 | 81 15 | 1643 31 |
| TMW88-7 | 1724 16 | 79 60 | 1644 56 |
| TMW88-8 | 1691 91 | 49 88 | 1642 03 |
| TMW88-9 | 1674 55 | 30 88 | 1643 67 |
| ** Date Measured | 01/04/90 | | |
| 82-2M | 1678 21 | 35 70 | 1642 51 |
| AOIW | 1699 22 | 70 60 | 1628 62 |
| MW87-1 | 1674 82 | 34 10 | 1640 72 |
| MW87-2 | 1667 91 | 25 90 | 1642 01 |
| MW87-3 | 1697 72 | 61 60 | 1636 12 |
| MW87-4 | 1739 35 | 96 90 | 1642 45 |
| MW87-5 | 1676 47 | 35 60 | 1640 87 |
| MW87-6 | 1679 75 | 36 90 | 1642 85 |
| MW87-7 | 1675 35 | 33 30 | 1642 05 |
| MW87-8 | 1678 63 | 36 30 | 1642 33 |
| OIW | 1675 38 | 33 00 | 1642 38 |
| P-1 | 1677 36 | 34 30 | 1643 06 |
| P-2 | 1675 43 | 33 20 | 1642 23 |
| P-3 | 1674 95 | 32 80 | 1642 15 |
| P-6 | 1674 96 | 32 60 | 1642 36 |
| P-9 | 1674 55 | 33 40 | 1641 15 |
| PMW89-10A | 1717 73 | 77 80 | 1639 93 |
| PMW89-10B | 1718 18 | 78 40 | 1639 78 |
| PMW89-11A | 1693 32 | 52 90 | 1640 42 |
| PMW89-11B | 1693 57 | 53 10 | 1640 47 |
| PMW89-12 | 1675 47 | 34 20 | 1641 27 |
| PMW89-13 | 1674 67 | 31 80 | 1642 87 |
| PMW89-14 | 1679 66 | 36 50 | 1643 16 |
| PMW89-15 | 1678 84 | 35 60 | 1643 24 |
| PMW89-9A | 1727 44 | 86 30 | 1641 14 |
| PMW89-9B | 1727 73 | 86 50 | 1641 23 |
| TMW88-1 | 1681 17 | 38 00 | 1643 17 |
| TMW88-4 | 1696 38 | 54 00 | 1642 38 |
| TMW88-5 | 1696 12 | 57 60 | 1638 52 |
| TMW88-6 | 1724 46 | 84 50 | 1639 96 |
| TMW88-7 | 1724 16 | 81 93 | 1642 23 |
| TMW88-8 | 1691 91 | 51 30 | 1640 61 |
| TMW88-9 | 1674 55 | 33 60 | 1640 95 |
| ** Date Measured | 01/11/90 | | |
| 82-2M | 1678 21 | 35 45 | 1642 76 |
| AOIW | 1699 22 | 68 60 | 1630 62 |
| MW87-1 | 1674 82 | 31 60 | 1643 22 |
| MW87-2 | 1667 91 | 26 02 | 1641 89 |
| MW87-3 | 1697 72 | 60 90 | 1636 82 |
| MW87-4 | 1739 35 | 96 82 | 1642 53 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| MW87-5 | 1676 47 | 35 55 | 1640 92 |
| MW87-6 | 1679 75 | 36 70 | 1643 05 |
| MW87-7 | 1675 35 | 33 12 | 1642 23 |
| MW87-8 | 1678 63 | 36 05 | 1642 58 |
| OIW | 1675 38 | 32 65 | 1642 73 |
| P-1 | 1677 36 | 34 25 | 1643 11 |
| P-6 | 1674 96 | 33 32 | 1641 64 |
| P-9 | 1674 55 | 33 38 | 1641 17 |
| PMW89-10A | 1717 73 | 77 80 | 1639 93 |
| PMW89-10B | 1718 18 | 78 40 | 1639 78 |
| PMW89-11A | 1693 32 | 72 90 | 1620 42 |
| PMW89-11B | 1693 57 | 73 12 | 1620 45 |
| PMW89-12 | 1675 47 | 34 05 | 1641 42 |
| PMW89-13 | 1674 67 | 33 12 | 1641 55 |
| PMW89-14 | 1679 66 | 36 53 | 1643 13 |
| PMW89-15 | 1678 84 | 35 60 | 1643 24 |
| PMW89-9A | 1727 44 | 88 10 | 1639 34 |
| PMW89-9B | 1727 73 | 88 40 | 1639 33 |
| TMW88-1 | 1681 17 | 37 70 | 1643 47 |
| TMW88-4 | 1696 38 | 53 78 | 1642 60 |
| TMW88-5 | 1696 12 | 52 15 | 1643 97 |
| TMW88-6 | 1724 46 | 84 20 | 1640 26 |
| TMW88-7 | 1724 16 | 81 80 | 1642 36 |
| TMW88-8 | 1691 91 | 51 33 | 1640 58 |
| TMW88-9 | 1674 55 | 33 40 | 1641 15 |
| ** Date Measured | 01/15/90 | | |
| 82-2M | 1678 21 | 35 20 | 1643 01 |
| AOIW | 1699 22 | 68 20 | 1631 02 |
| MW87-1 | 1674 82 | 31 20 | 1643 62 |
| MW87-2 | 1667 91 | 25 60 | 1642 31 |
| MW87-3 | 1697 72 | 60 55 | 1637 17 |
| MW87-4 | 1739 35 | 96 60 | 1642 75 |
| MW87-5 | 1676 47 | 35 30 | 1641 17 |
| MW87-6 | 1679 75 | 36 35 | 1643 40 |
| MW87-7 | 1675 35 | 32 80 | 1642 55 |
| MW87-8 | 1678 63 | 35 85 | 1642 78 |
| OIW | 1675 38 | 32 50 | 1642 88 |
| P-1 | 1677 36 | 34 00 | 1643 36 |
| P-6 | 1674 96 | 32 15 | 1642 81 |
| P-9 | 1674 55 | 33 00 | 1641 55 |
| PMW89-10A | 1717 73 | 77 70 | 1640 03 |
| PMW89-10B | 1718 18 | 78 15 | 1640 03 |
| PMW89-11A | 1693 32 | 52 70 | 1640 62 |
| PMW89-11B | 1693 57 | 52 90 | 1640 67 |
| PMW89-12 | 1675 47 | 33 80 | 1641 67 |
| PMW89-13 | 1674 67 | 31 50 | 1643 17 |

Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| PMW89-14 | 1679 66 | 36 00 | 1643 66 |
| PMW89-15 | 1678 84 | 35 30 | 1643 54 |
| PMW89-9A | 1727 44 | 85 80 | 1641 64 |
| PMW89-9B | 1727 73 | 86 13 | 1641 60 |
| TMW88-1 | 1681 17 | 37 41 | 1643 76 |
| TMW88-4 | 1696 38 | 33 40 | 1662 98 |
| TMW88-5 | 1696 12 | 56 85 | 1639 27 |
| TMW88-6 | 1724 46 | 83 90 | 1640 56 |
| TMW88-7 | 1724 16 | 81 55 | 1642 61 |
| TMW88-8 | 1691 91 | 51 00 | 1640 91 |
| TMW88-9 | 1674 55 | 33 20 | 1641 35 |
| ** Date Measured | 01/16/90 | | |
| 82-2M | 1678 21 | 37 30 | 1640 91 |
| AOIW | 1699 22 | 54 20 | 1645 02 |
| MW87-1 | 1674 82 | 32 14 | 1642 68 |
| MW87-2 | 1667 91 | 25 55 | 1642 36 |
| MW87-3 | 1697 72 | 55 72 | 1642 00 |
| MW87-4 | 1739 35 | 98 87 | 1640 48 |
| MW87-5 | 1676 47 | 34 50 | 1641 97 |
| MW87-6 | 1679 75 | 38 30 | 1641 45 |
| MW87-7 | 1675 35 | 34 43 | 1640 92 |
| MW87-8 | 1678 63 | 37 80 | 1640 83 |
| OIW | 1675 38 | 47 42 | 1627 96 |
| P-1 | 1677 36 | 36 90 | 1640 46 |
| P-6 | 1674 96 | 34 95 | 1640 01 |
| P-9 | 1674 55 | 32 45 | 1642 10 |
| PMW89-10A | 1717 73 | 52 33 | 1665 40 |
| PMW89-10B | 1718 18 | 52 53 | 1665 65 |
| PMW89-11A | 1693 32 | 77 40 | 1615 92 |
| PMW89-11B | 1693 57 | 77 90 | 1615 67 |
| PMW89-12 | 1675 47 | 35 80 | 1639 67 |
| PMW89-13 | 1674 67 | 35 00 | 1639 67 |
| PMW89-14 | 1679 66 | 36 40 | 1643 26 |
| PMW89-15 | 1678 84 | 37 15 | 1641 69 |
| PMW89-9A | 1727 44 | 85 15 | 1642 29 |
| PMW89-9B | 1727 73 | 85 45 | 1642 28 |
| TMW88-1 | 1681 17 | 34 43 | 1646 74 |
| TMW88-4 | 1696 38 | 52 80 | 1643 58 |
| TMW88-5 | 1696 12 | 54 05 | 1642 07 |
| TMW88-6 | 1724 46 | 82 30 | 1642 16 |
| TMW88-7 | 1724 16 | 80 20 | 1643 96 |
| TMW88-8 | 1691 91 | 50 40 | 1641 51 |
| TMW88-9 | 1674 55 | 32 60 | 1641 95 |
| ** Date Measured | 01/18/90 | | |
| 82-2M | 1678 21 | 37 60 | 1640 61 |

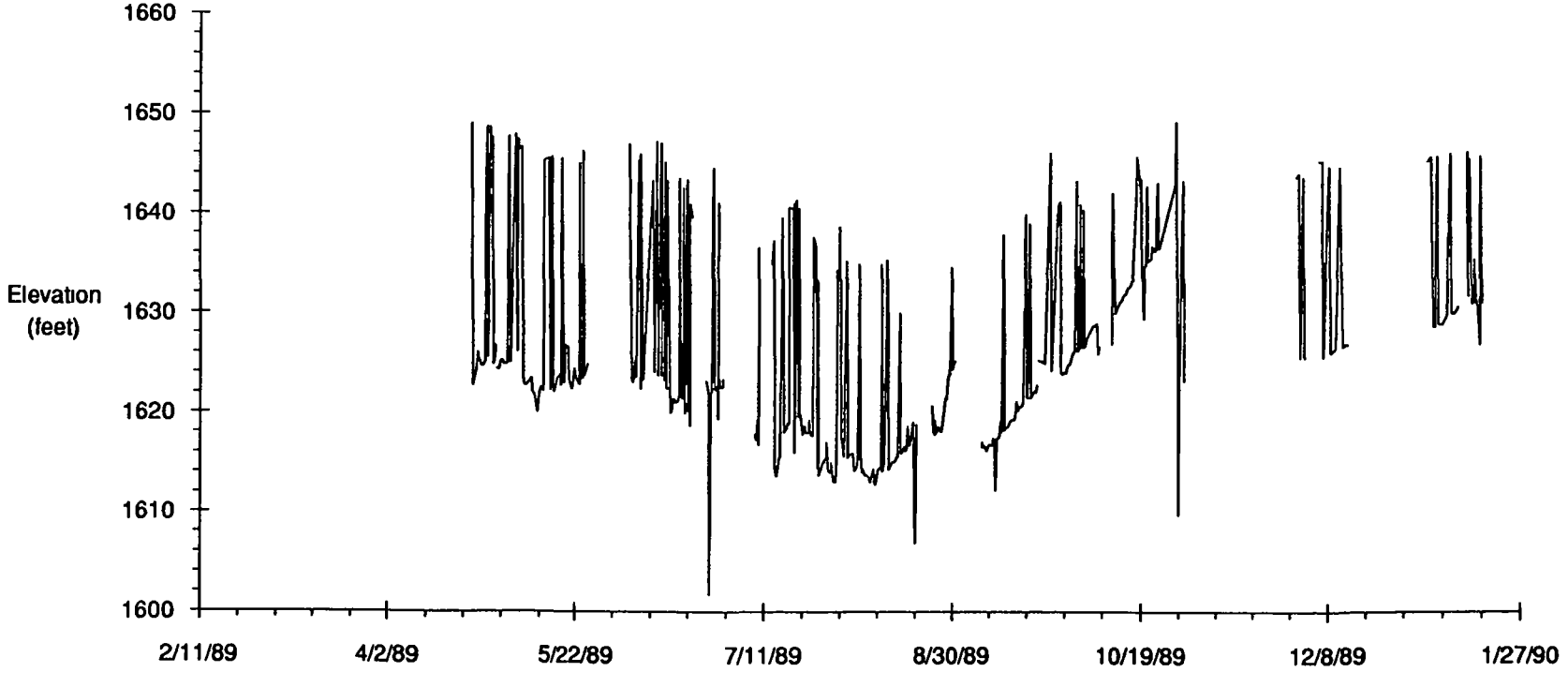
Ground-water Elevations of Sand and Gravel Aquifer
Lindsay Mfg Co

| Station | Station Elevation | Depth to H2O | Water Elevation |
|---|---|---|---|
| AOIW | 1699 22 | 68 00 | 1631 22 |
| MW87-1 | 1674 82 | 31 59 | 1643 23 |
| MW87-2 | 1667 91 | 25 80 | 1642 11 |
| MW87-3 | 1697 72 | 60 35 | 1637 37 |
| MW87-4 | 1739 35 | 96 65 | 1642 70 |
| MW87-5 | 1676 47 | 35 33 | 1641 14 |
| MW87-6 | 1679 75 | 36 45 | 1643 30 |
| MW87-7 | 1675 35 | 32 90 | 1642 45 |
| MW87-8 | 1678 63 | 36 80 | 1641 83 |
| OIW | 1675 38 | 32 50 | 1642 88 |
| P-1 | 1677 36 | 34 05 | 1643 31 |
| P-6 | 1674 96 | 32 05 | 1642 91 |
| P-9 | 1674 55 | 32 93 | 1641 62 |
| PMW89-10A | 1717 73 | 77 78 | 1639 95 |
| PMW89-10B | 1718 18 | 78 25 | 1639 93 |
| PMW89-11A | 1693 32 | 52 72 | 1640 60 |
| PMW89-11B | 1693 57 | 53 00 | 1640 57 |
| PMW89-12 | 1675 47 | 33 72 | 1641 75 |
| PMW89-13 | 1674 67 | 31 68 | 1642 99 |
| PMW89-14 | 1679 66 | 35 80 | 1643 86 |
| PMW89-15 | 1678 84 | 35 34 | 1643 50 |
| PMW89-9A | 1727 44 | 85 92 | 1641 52 |
| PMW89-9B | 1727 73 | 86 18 | 1641 55 |
| TMW88-1 | 1681 17 | 31 63 | 1649 54 |
| TMW88-4 | 1696 38 | 53 37 | 1643 01 |
| TMW88-5 | 1696 12 | 56 70 | 1639 42 |
| TMW88-6 | 1724 46 | 84 12 | 1640 34 |
| TMW88-7 | 1724 16 | 81 58 | 1642 58 |
| TMW88-8 | 1691 91 | 51 13 | 1640 78 |
| TMW88-9 | 1674 55 | 33 12 | 1641 43 |

## APPENDIX IV

B Hydrographs AOIW OIW MW87-1 through 87-8 P-1 P-4 P-6 and P-9 82-2M

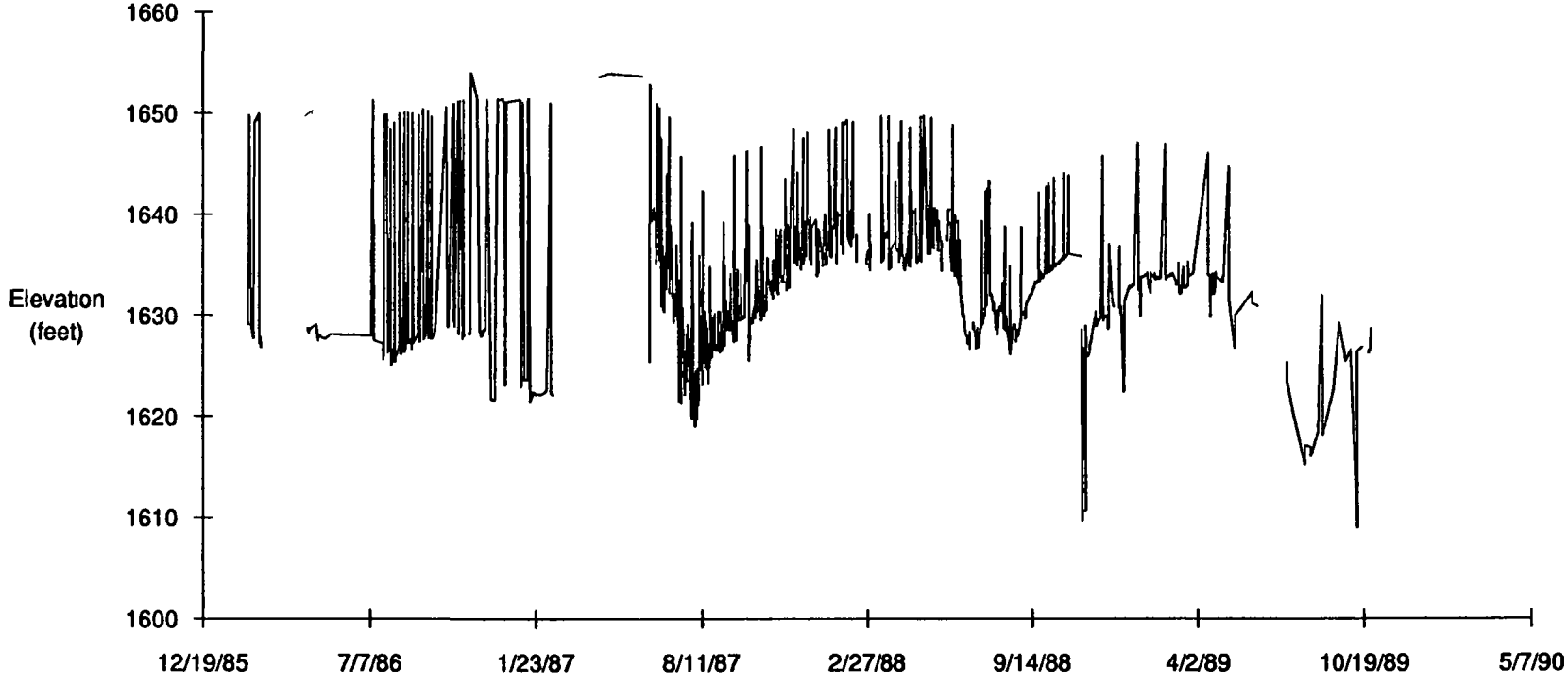
# Hydrograph
# Add-On Intercepter Well
# All Available Data
# Lindsay Mfg Co




Job Number 16657 002 005

Dames & Moore

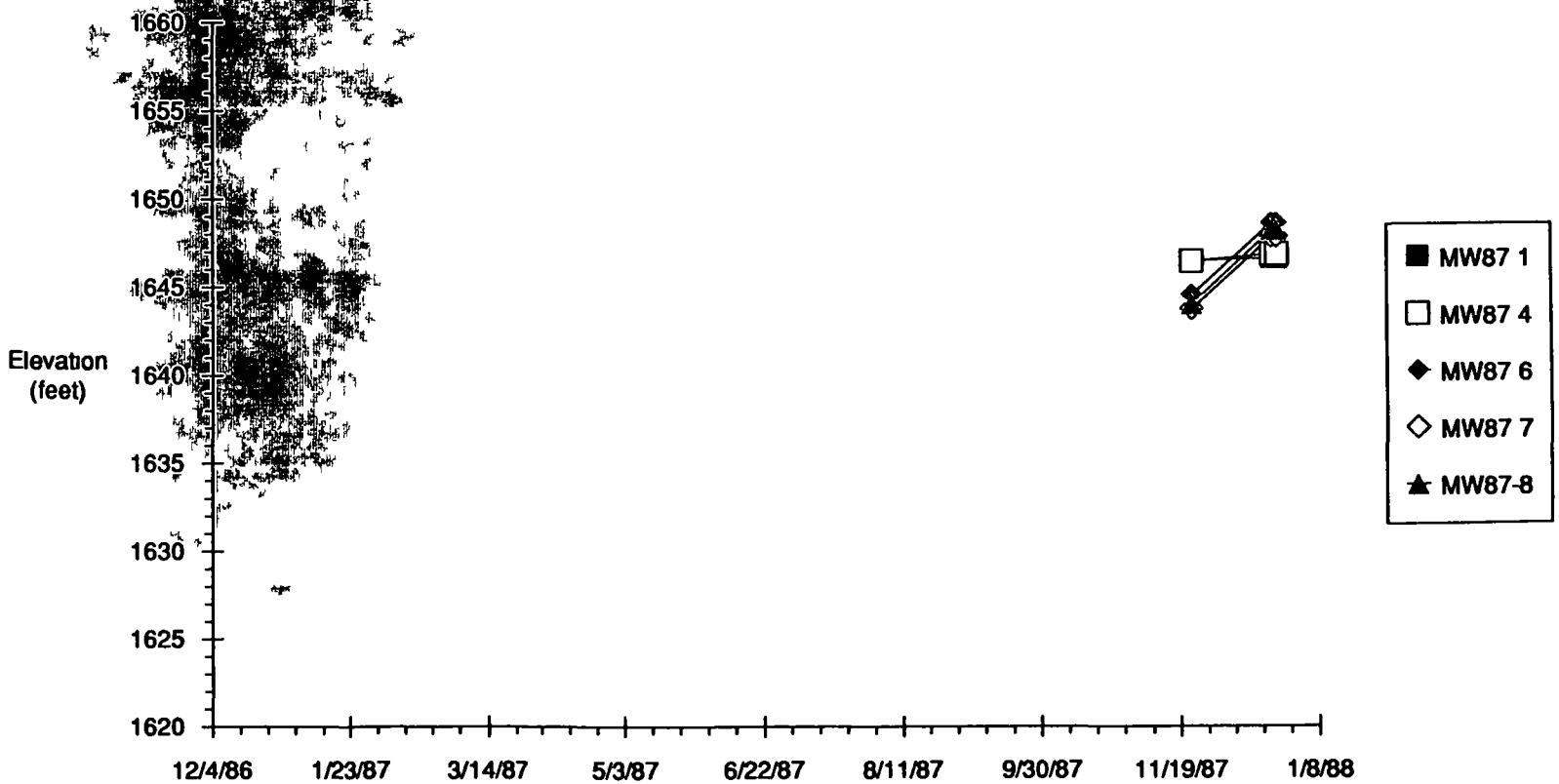
# Hydrograph
# Original Intercepter Well
# 1986 - 1990
# Lindsay Mfg Co




Job Number 16657 002 005

Dames & Moore

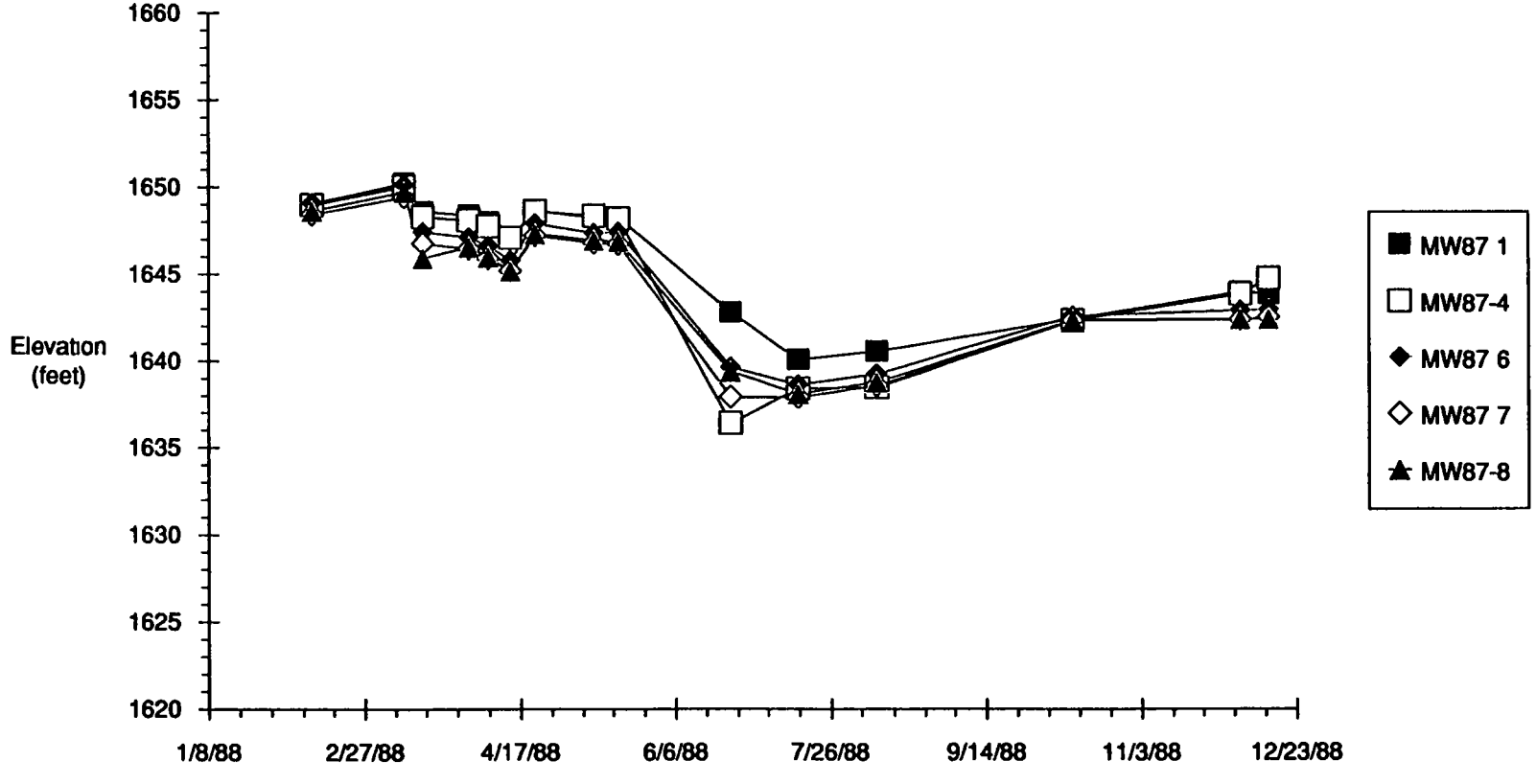
# Hydrograph
# 1987 Data, MW87-1, -4, -6, -7, -8
# Lindsay Mfg Co.




Job Number 16657-002-005

Dames & Moore

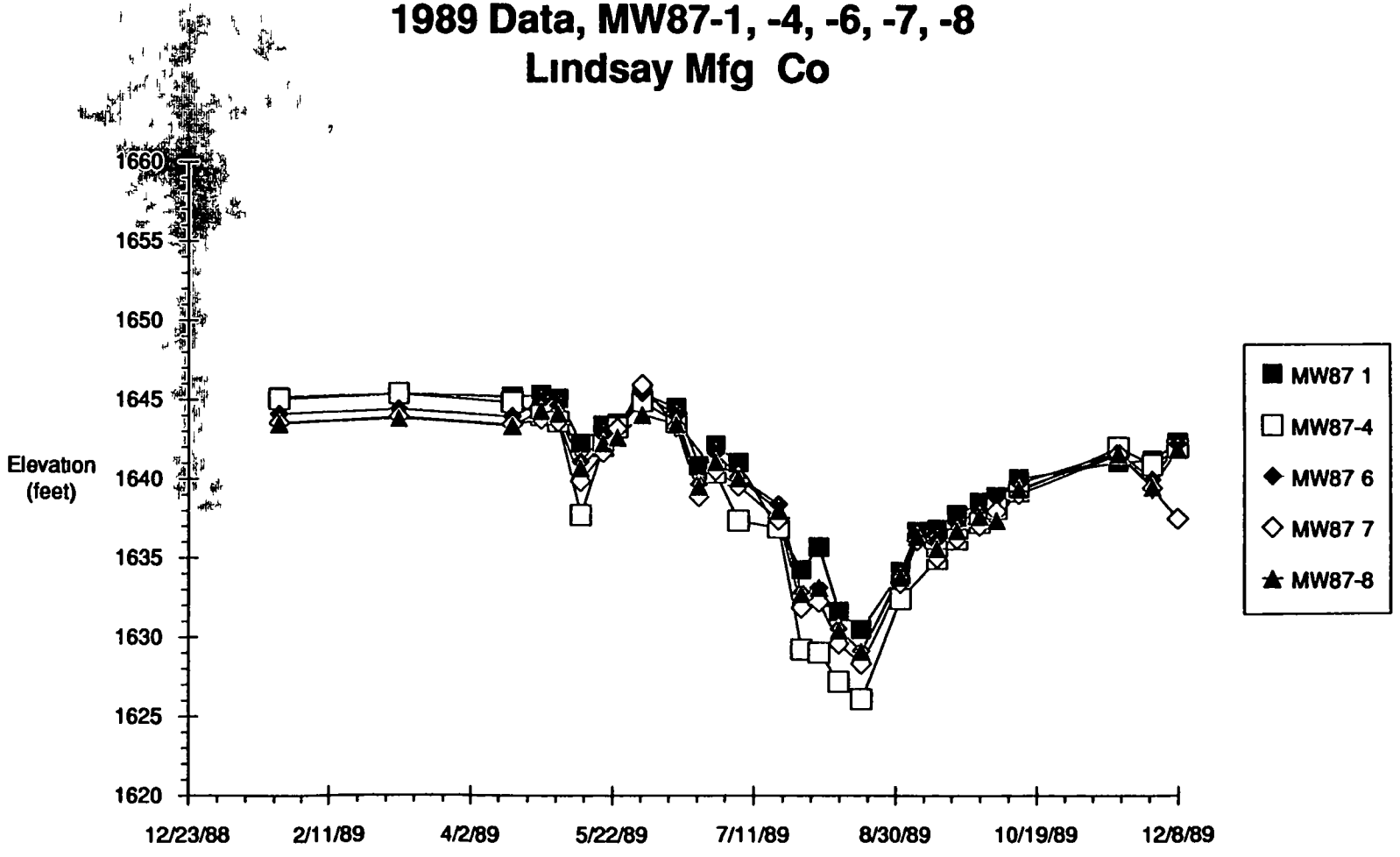
# Hydrograph
# 1988 Data, MW87-1, -4, -6, -7, -8
# Lindsay Mfg Co.




Job Number 16657-002-005

Dames & Moore

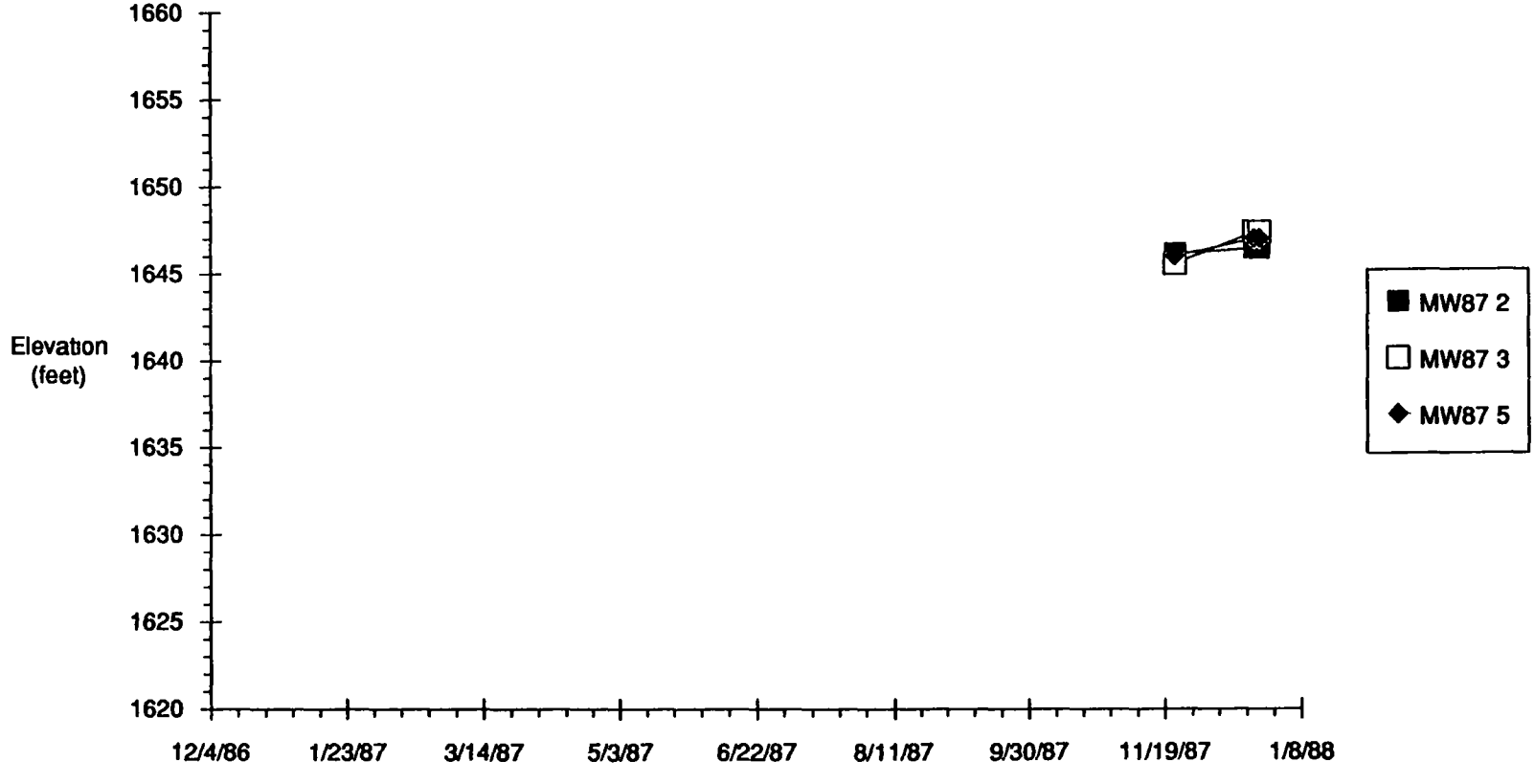
# Hydrograph
## 1989 Data, MW87-1, -4, -6, -7, -8
## Lindsay Mfg Co




Job Number 16657-002-005

Dames & Moore

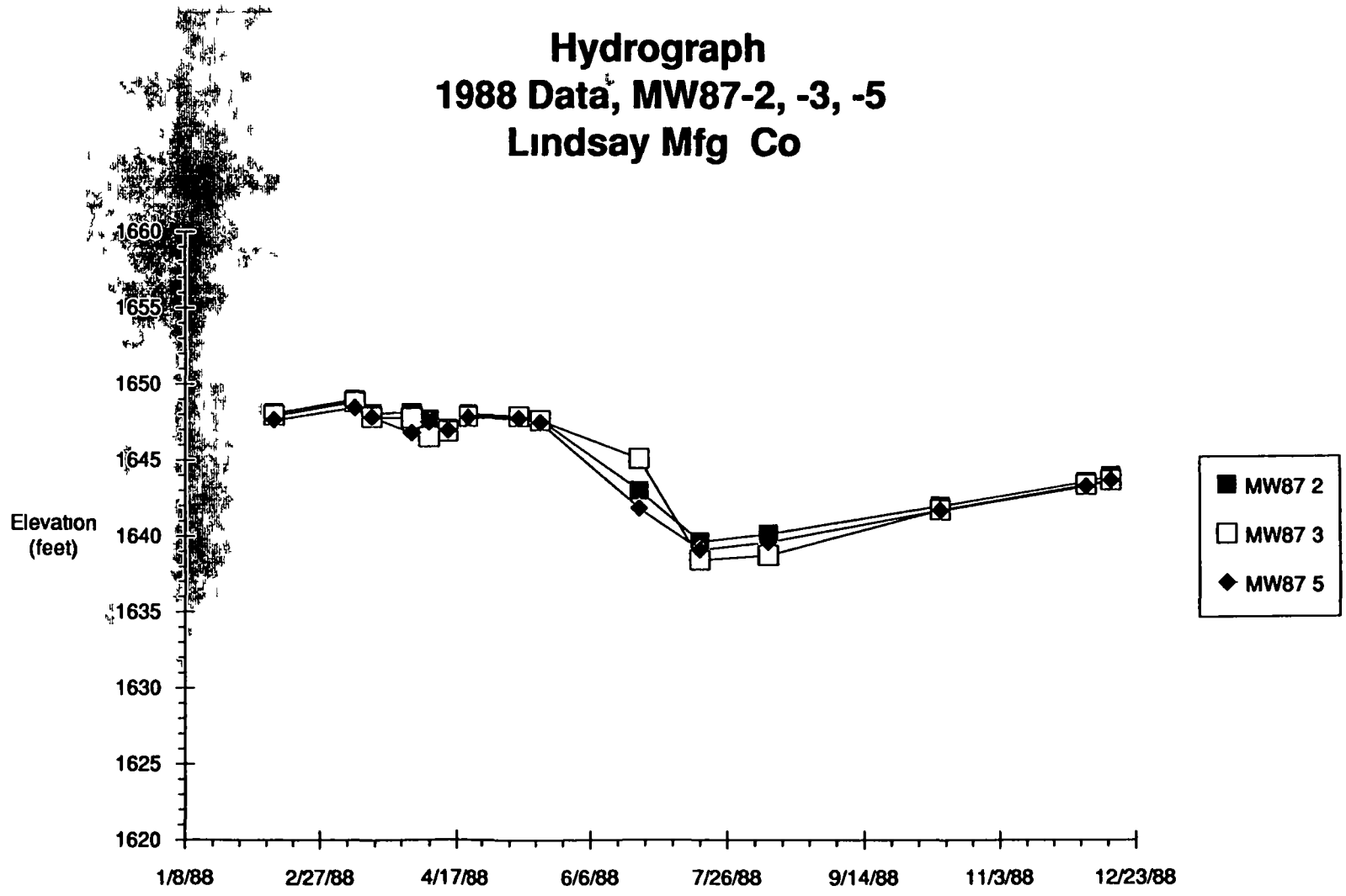
# Hydrograph
# 1987 Data, MW87-2, -3, -5
# Lindsay Mfg Co




Job Number 16657-002-005

Dames & Moore

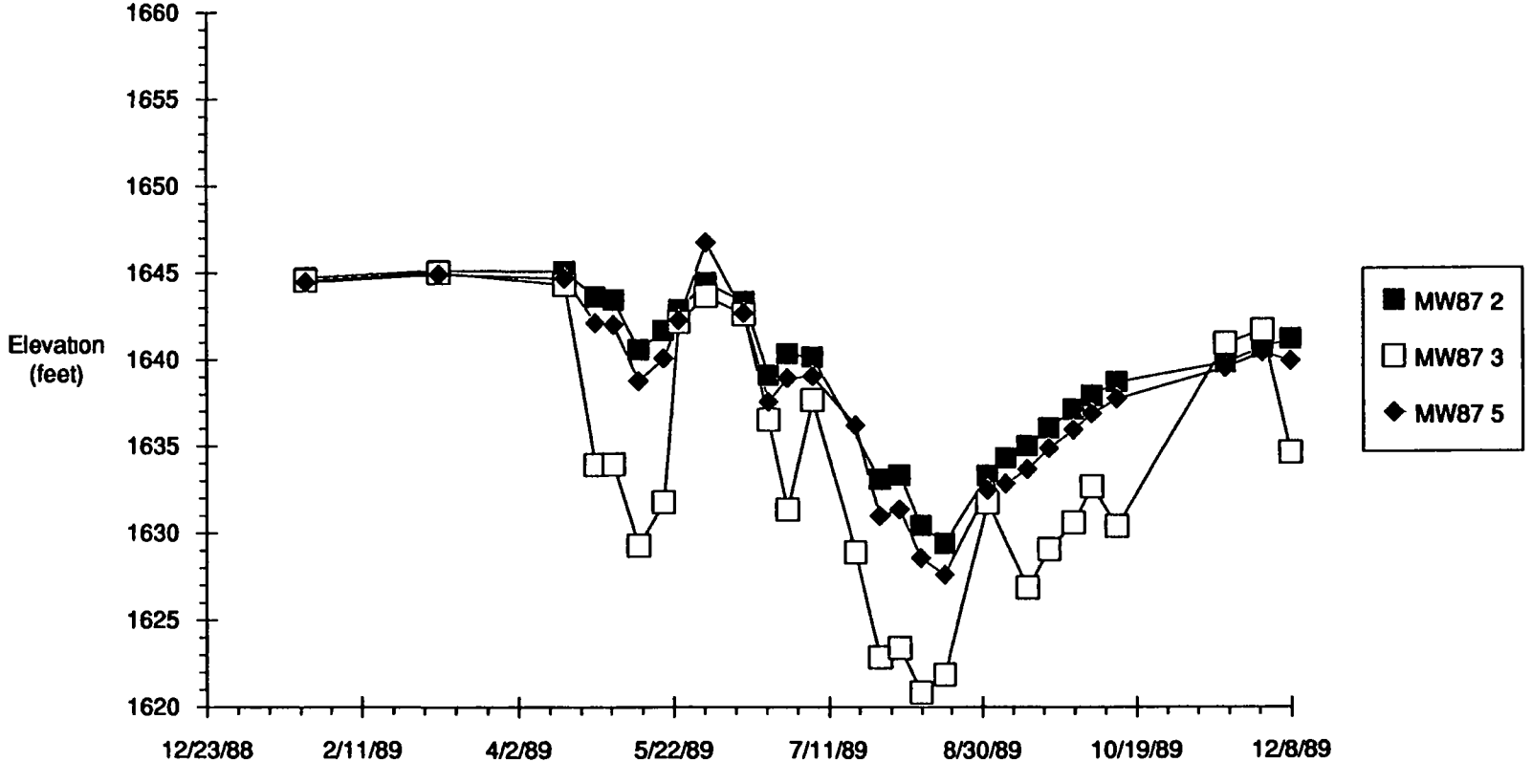
# Hydrograph
# 1988 Data, MW87-2, -3, -5
# Lindsay Mfg Co




Job Number 16657-002-005

Dames & Moore

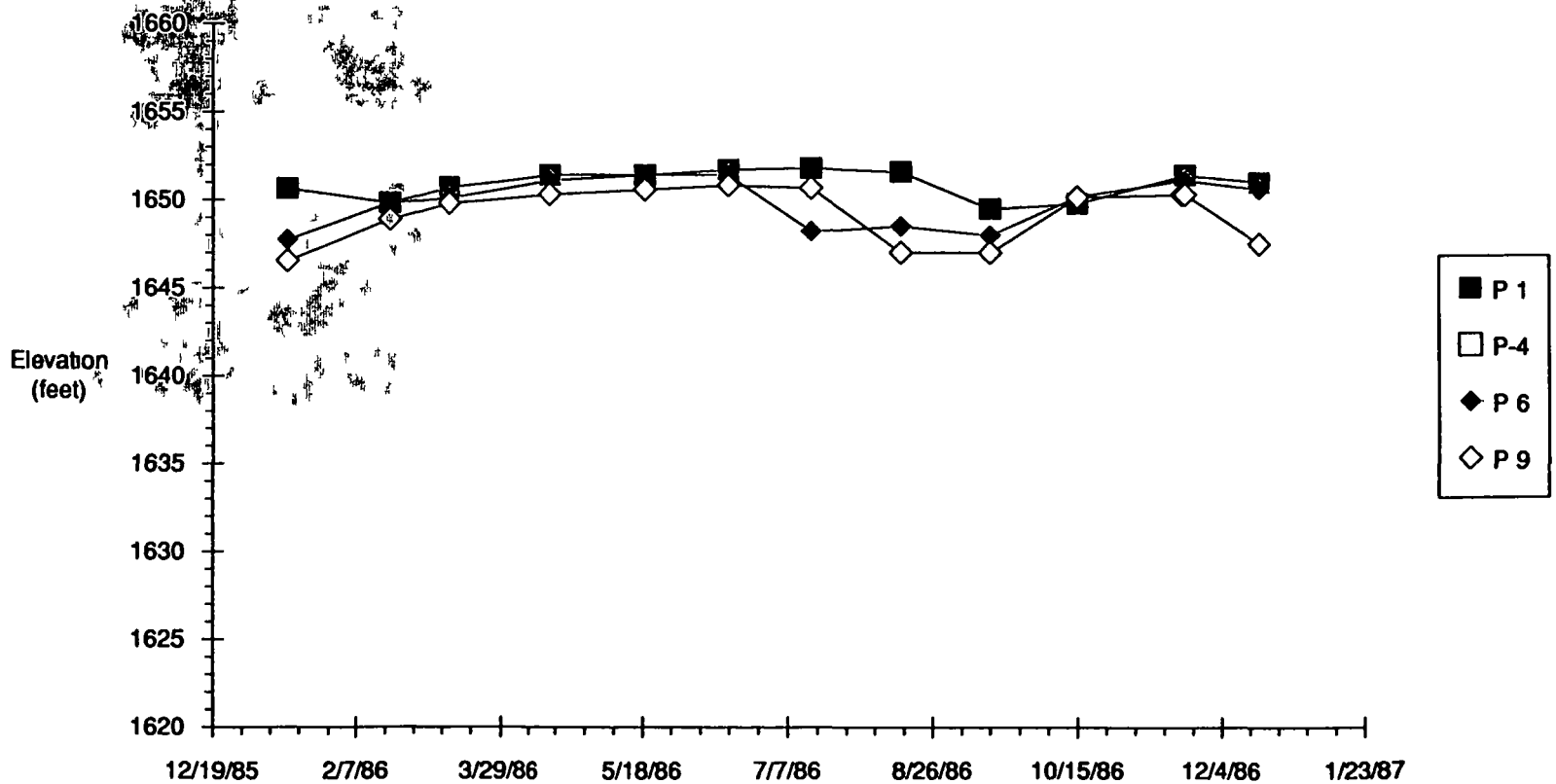
# Hydrograph
# 1989 Data, MW87-2, -3, -5
# Lindsay Mfg. Co.




Job Number 16657-002-005

Dames & Moore

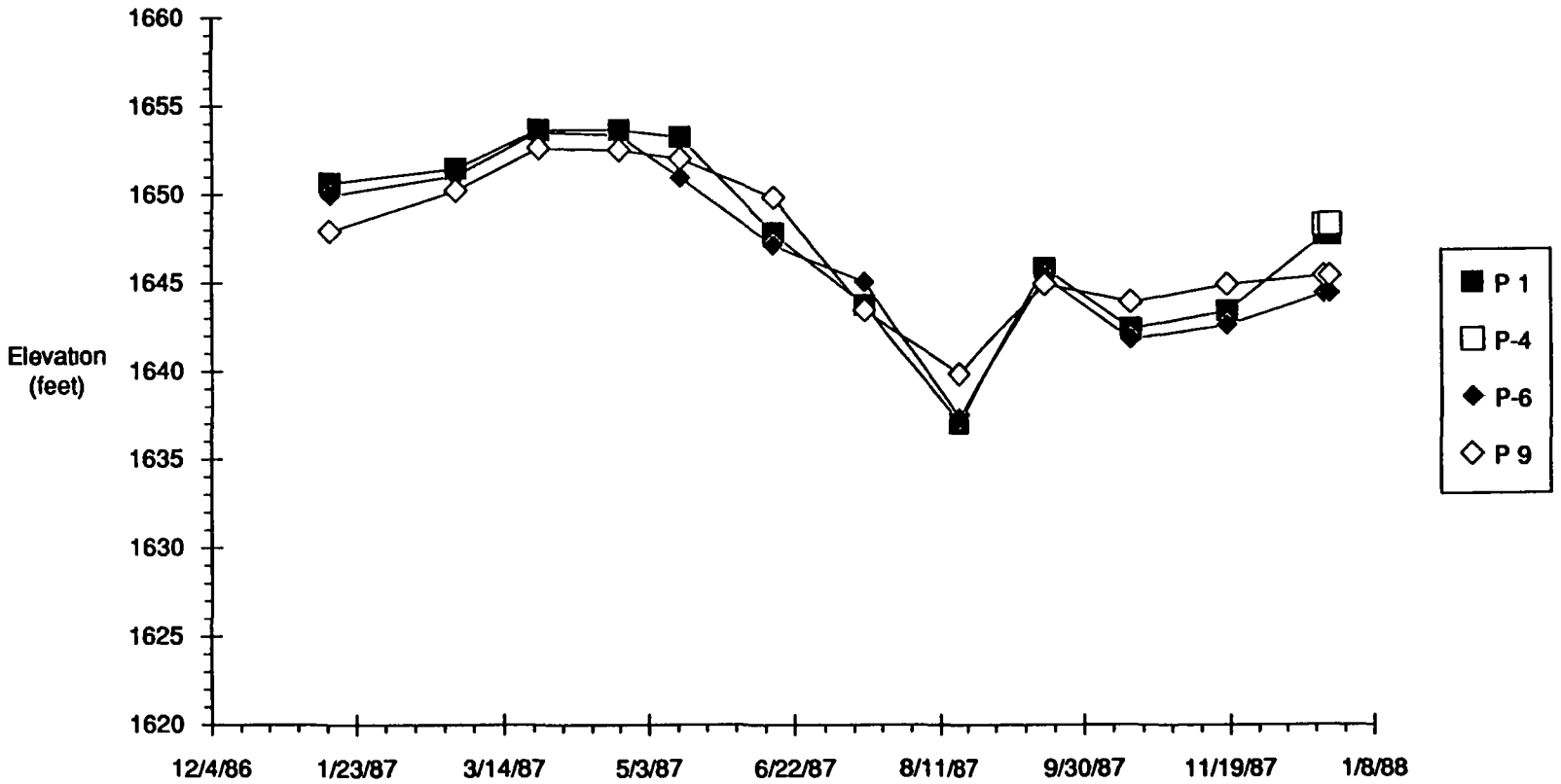
# Hydrograph
# 1986 Data, P-1, -4, -6, -9
# Lindsay Mfg Co




Job Number 16657-002-005

Dames & Moore

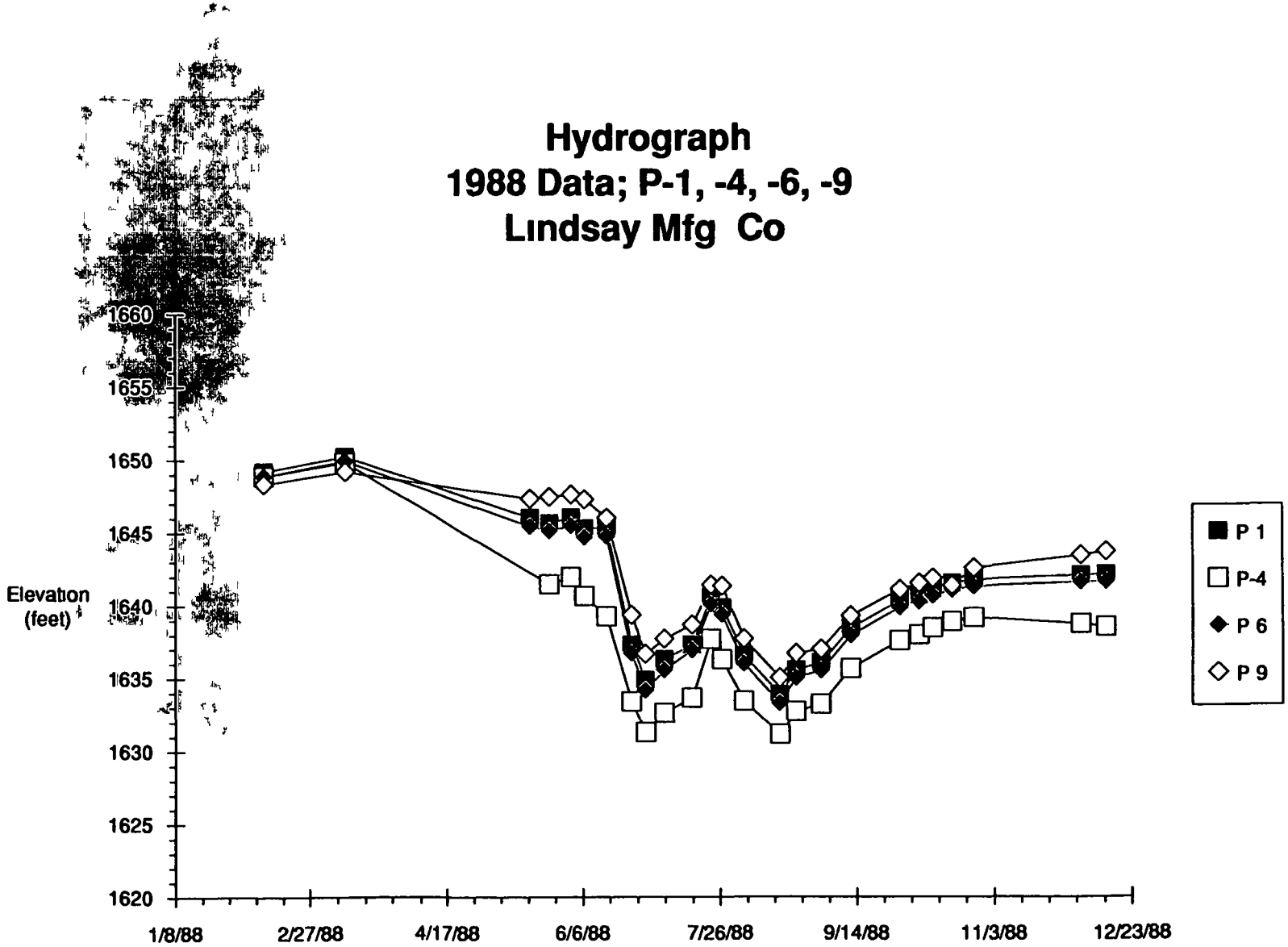
# Hydrograph
# 1987 Data; P-1, -4, -6, -9
# Lindsay Mfg Co




Job Number 16657-002-005

Dames & Moore

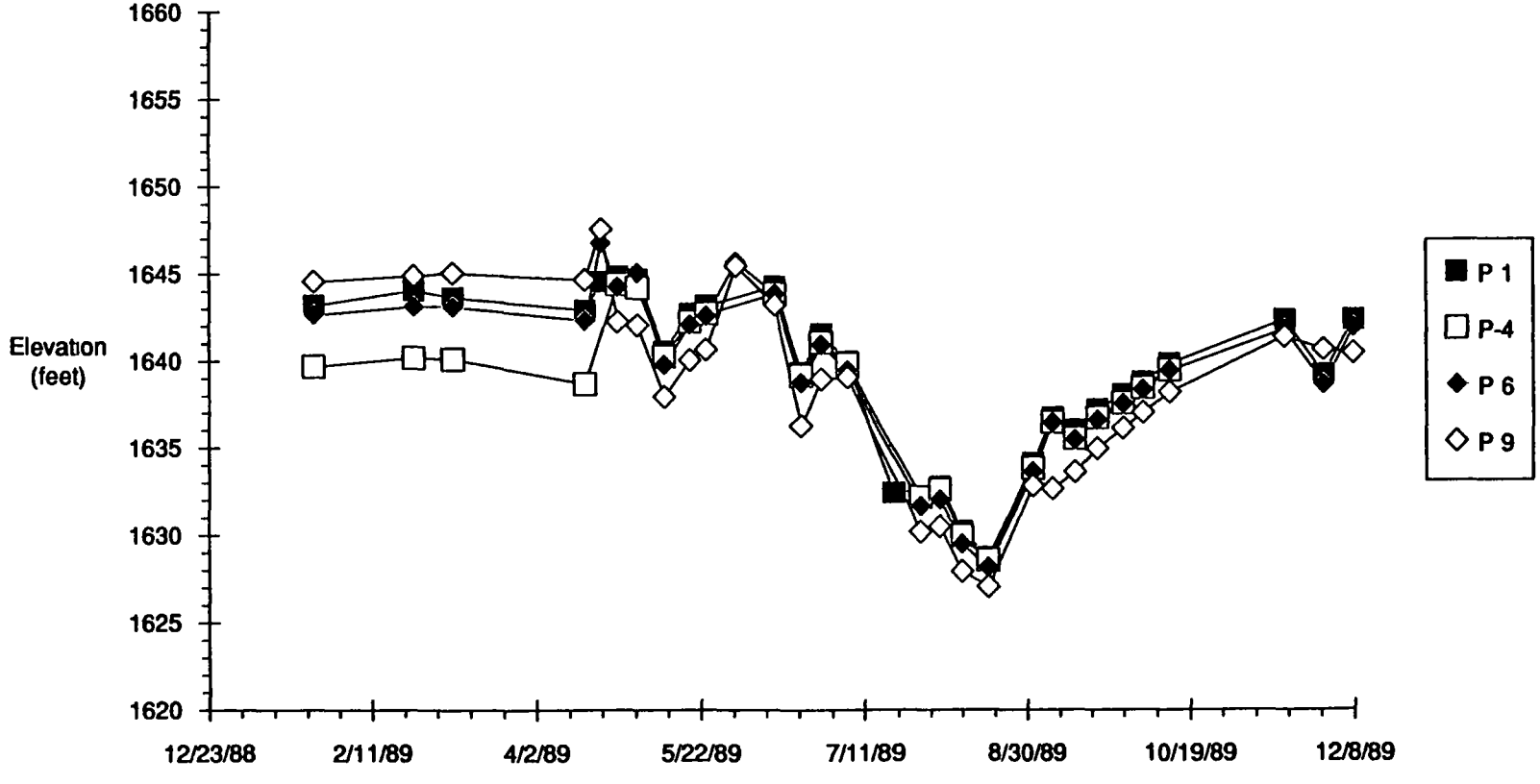
# Hydrograph
# 1988 Data; P-1, -4, -6, -9
# Lindsay Mfg Co




Job Number 16657-002-005

Dames & Moore

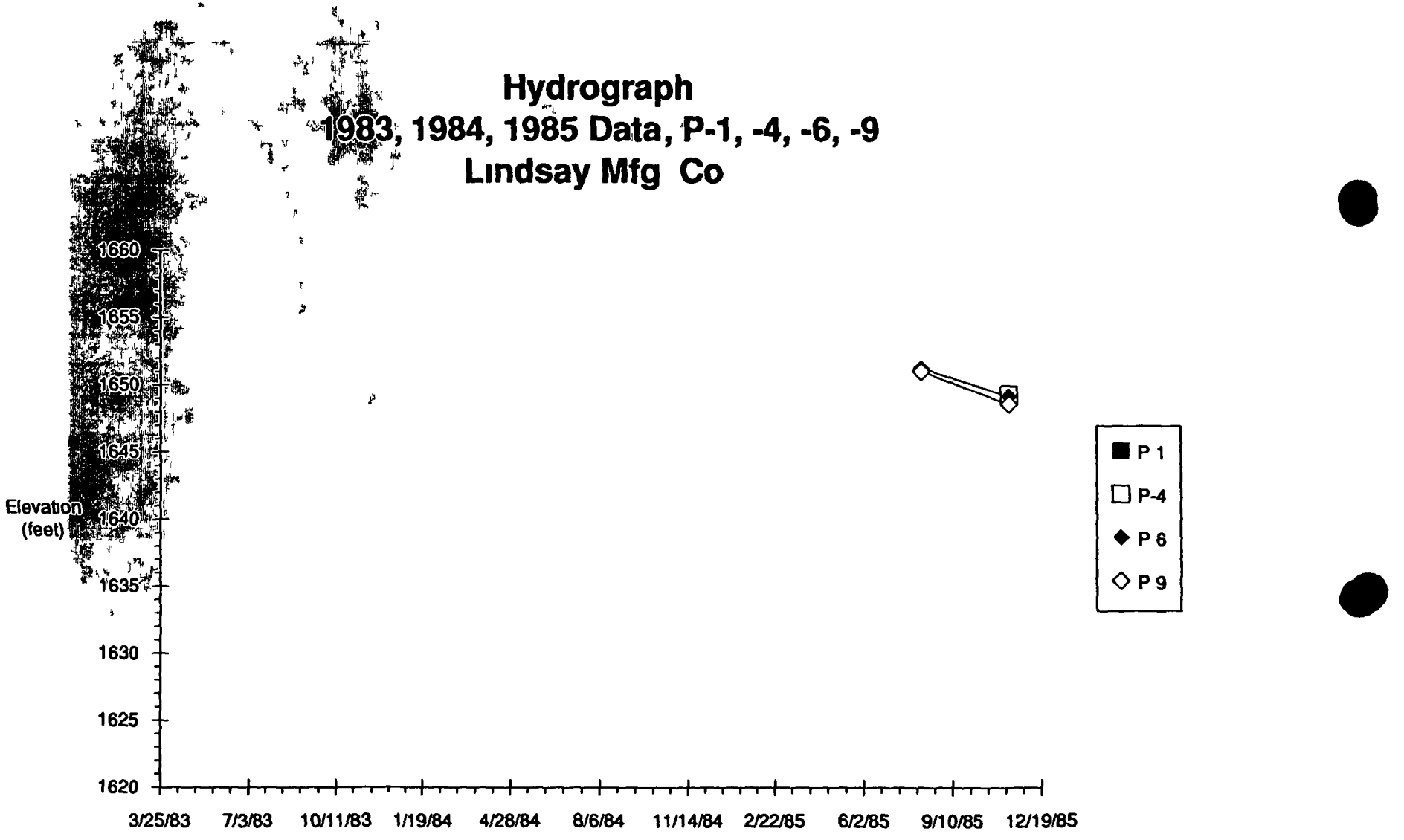
# Hydrograph
# 1989 Data, P-1, -4, -6, -9
# Lindsay Mfg Co




Job Number 16657-002-005

Dames & Moore

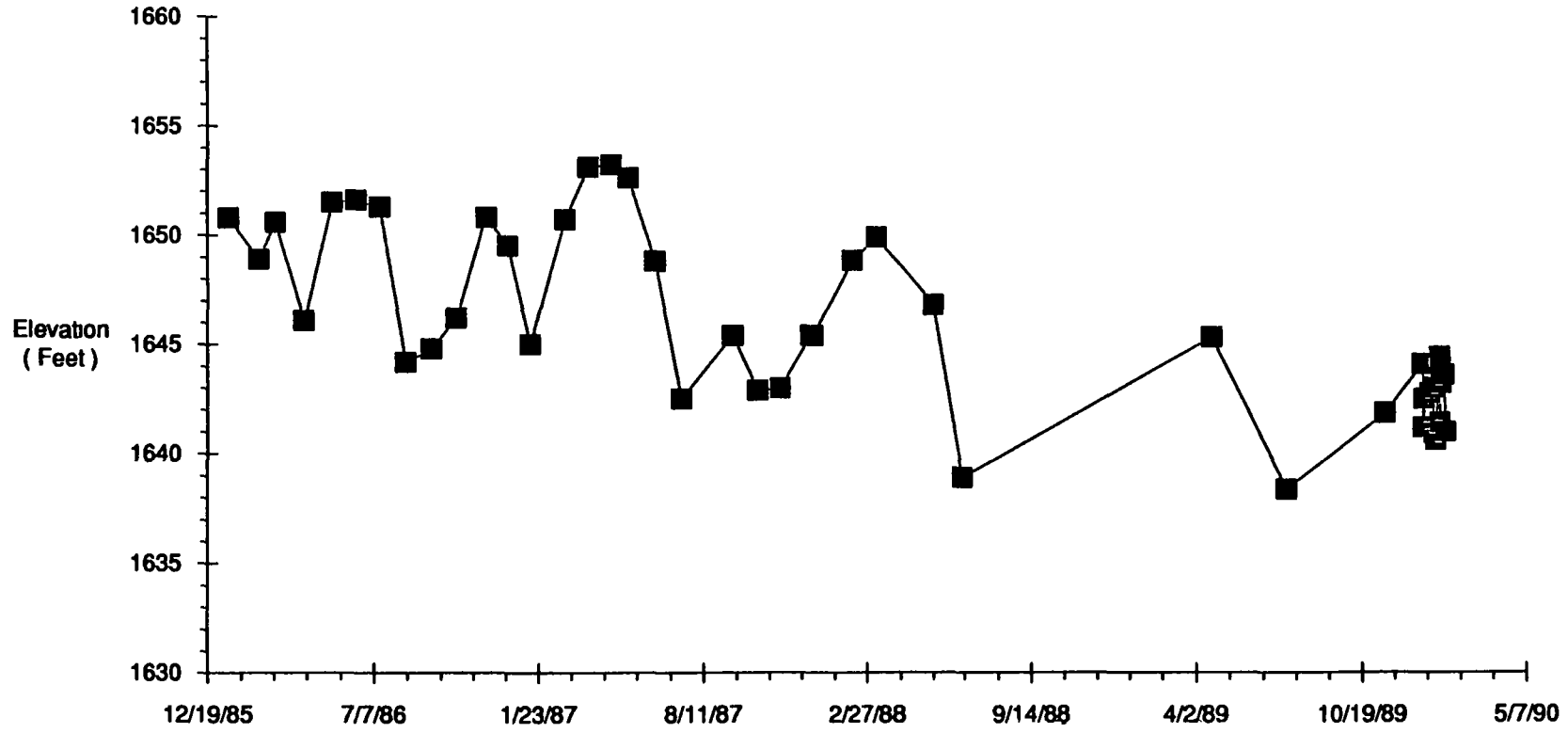
# Hydrograph
## 1983, 1984, 1985 Data, P-1, -4, -6, -9
## Lindsay Mfg Co




Job Number 16657-002-005

Dames & Moore

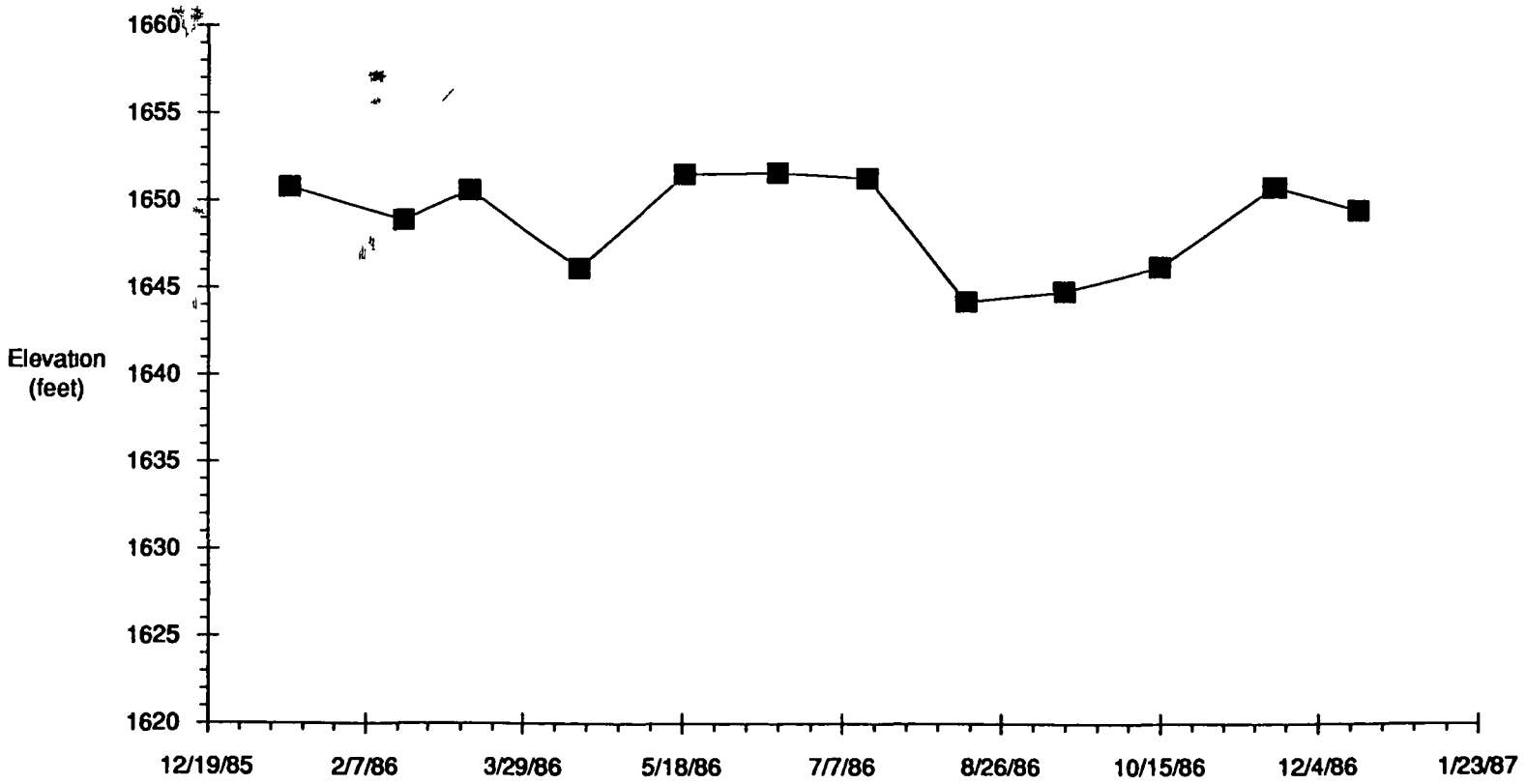
# Hydrograph
# 1986 - 1990 Data, 82-2M
# Lindsay Mfg Co.




Job Number 16657-002-005

Dames & Moore

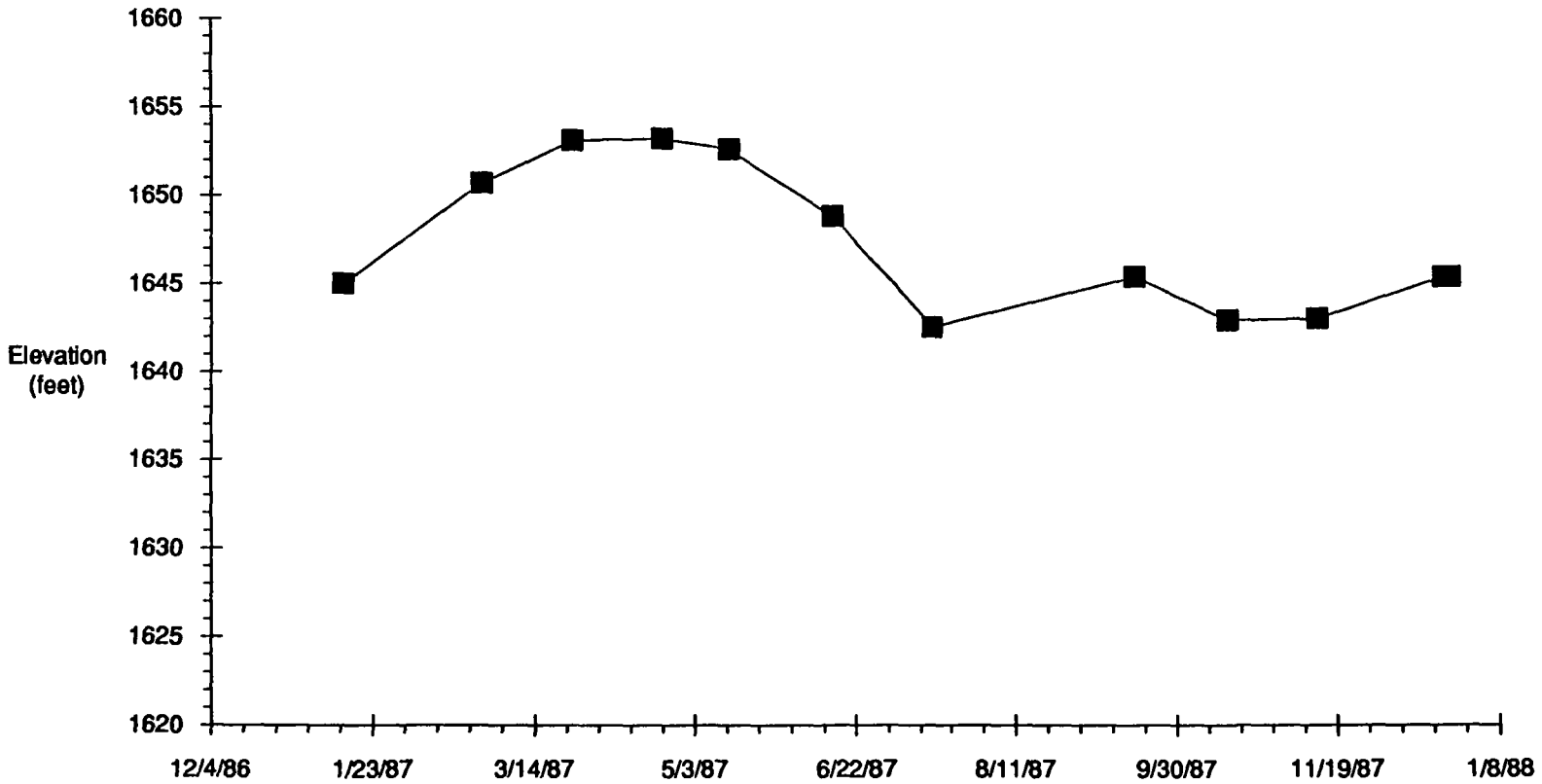
# Hydrograph
# 1986 Data; 82-2M
# Lindsay Mfg Co.




Job Number 16657-002-005

Dames & Moore

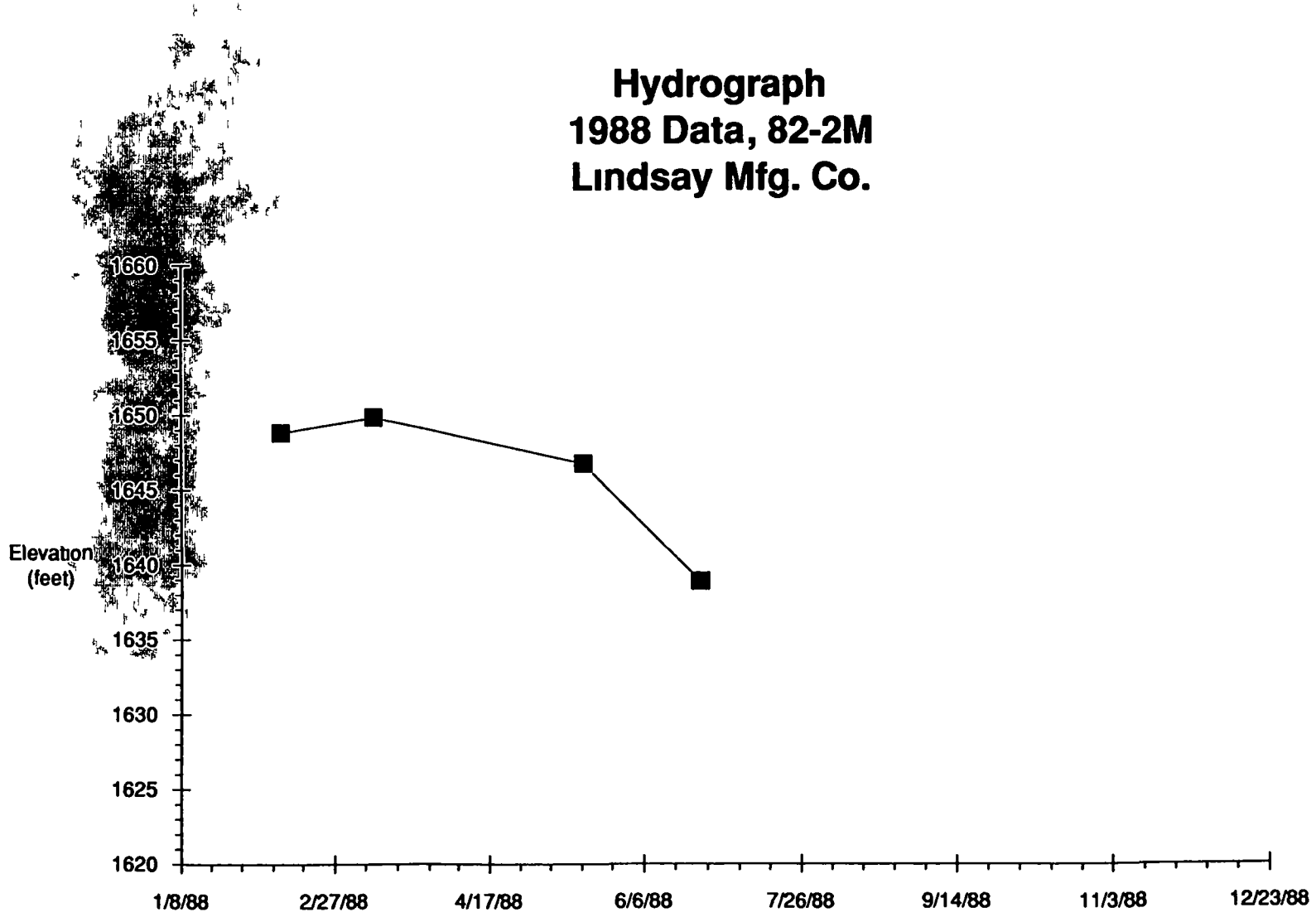
# Hydrograph
# 1987 Data; 82-2M
# Lindsay Mfg Co




Job Number 16657-002-005

Dames & Moore

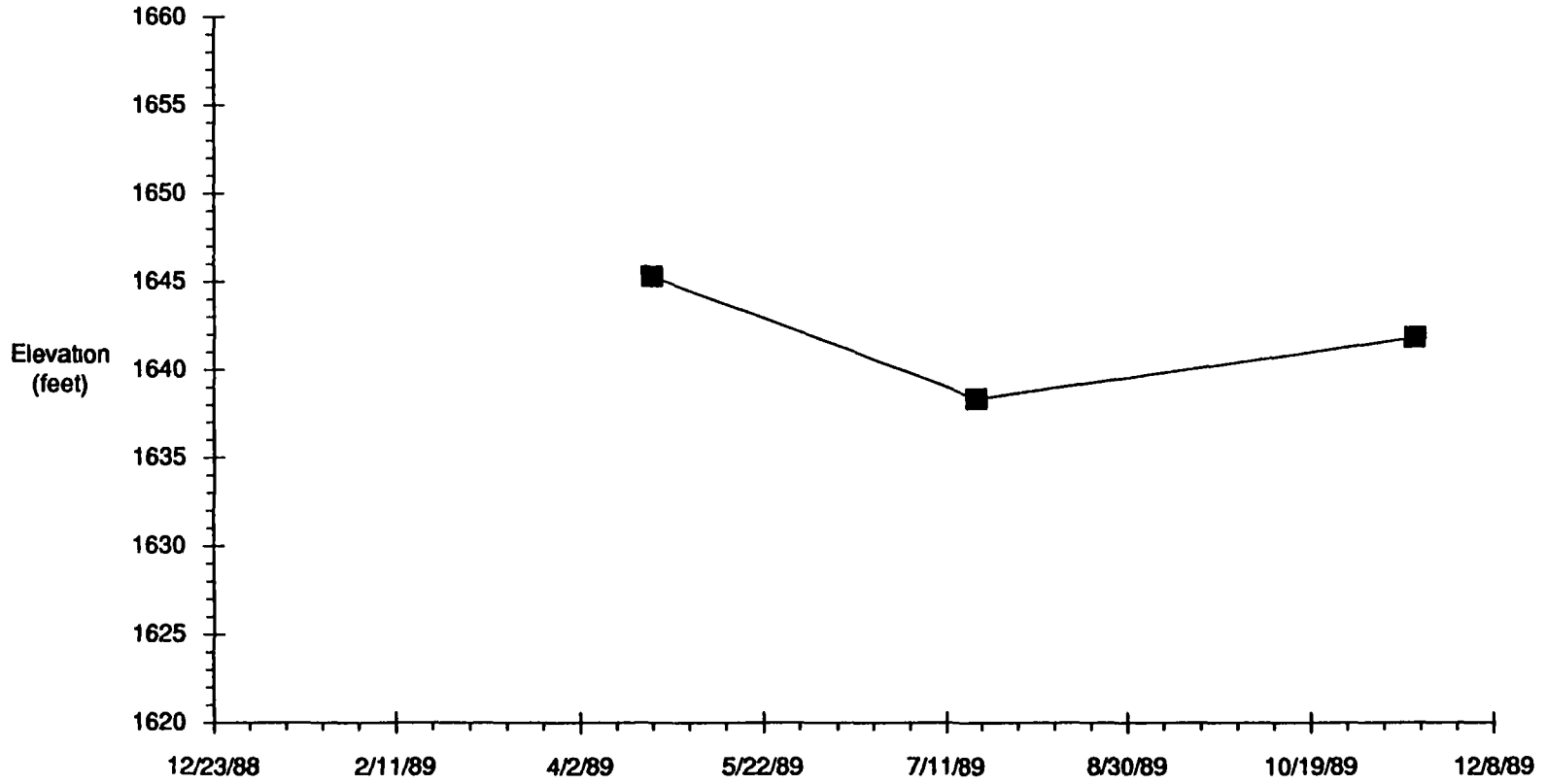
# Hydrograph
# 1988 Data, 82-2M
# Lindsay Mfg. Co.




Job Number 16657-002-005

Dames & Moore

# Hydrograph
# 1989 Data; 82-2M
# Lindsay Mfg. Co




Job Number 16657-002-005

Dames & Moore

## APPENDIX V

A Ecological Data

## APPENDIX

These species lists have been compiled on the basis of limited information about each species habitat requirements limited data on the habitats present at Lindsay and expert judgments These lists do not represent the actual occurrence of species in the Lindsay area Actual species diversity could be significantly greater or less than represented by the lists below Species lists also do not indicate the relative abundance of any species

### MAMMALS

Compiled primarily from Burt and Grossenheider (1964)

? = less likely to be in Lindsay area than the other species on the list
* = Were present in the mid-1940 s but are probably not present today

Opossum (Didelphis marsupialis)
?Masked shrew (Sorex cinereus)
Least shrew (Cryptotis parva)
Shorttail shrew (Blarina brevicauda)
Eastern mole (Scalopus aquaticus)
?Little brown myotis (Myotis lucifugus)
?Keen myotis (Myotis keeni)
Big brown bat (Eptesicus fuscus)
?Red bat (Lasiurus borealis)
Raccoon (Procyon lotor)
Least weasel (Mustela rixosa)
Longtail weasel (Mustela frenata)
*Mink (Mustela vison)
Badger (Taxidea taxus)
Spotted skunk (Spilogale putorius)
Striped skunk (Mephitis mephitis)
Coyote (Canis latrans)
Swift fox (Vulpes velox)
Bobcat (Lynx rufus)
Thirteen-lined ground squirrel (Citellus tridecemlineatus)
Franklin ground squirrel (Citellus franklini)
?Eastern fox squirrel (Sciurus niger)
Plains pocket gopher (Geomys bursarius)
Plains pocket mouse (Perognathus flavescens)
Hispid pocket mouse (Perognathus hispidus)
*Beaver (Castor canadensis)
Plains harvest mouse (Reithrodontomys montanus)
Western harvest mouse (Reithrodontomys megalotis)
Deer mouse (Peromyscus maniculatus)
?Northern grasshopper mouse (Onychomys leucogaster)
Prairie vole (Microtus ochrogaster)
Norway rat (Rattus norvegicus)
*Muskrat (Ondatra zibethica)
House mouse (Mus musculus)
?Meadow jumping mouse (Zapus hudsonius)
?White-tailed jackrabbit (Lepus townsendi)
?Black-tailed jackrabbit (Lepus californicus)
Eastern cottontail (Sylvilagus floridanus)
?Mule deer (Odocoileus hemionus)
White-tailed deer (Odocoileus virginianus)

## REPTILES AND AMPHIBIANS

Compiled primarily from Hudson (1958)
Central plains spadefoot toad (Scaphiopus bombifrons)
Great plains toad (Bufo cognatus)
Rocky mountain toad (Bufo woodhousii)
Northern cricket frog (Acris crepitans)
Western striped frog (Pseudacris triseriata)
Leopard frog (Rana pipiens)
Six-lined racerunner (Cnemidophorus sexlineatus)
Western hog-nosed snake (Heterodon nasicus nasicus)
Blue racer (Coluber constrictor flaviventris)
Bullsnake (Pituophis sayi sayi)
Plains garter snake (Thamnophis radix)
Red-sided garter snake (Thamnophis sirtalis parietalis)
Common snapping turtle (Chelydra serpentina)
Blanding s turtle (Emys blandingii)
Ornate box turtle (Terrapene ornata)

## BIRDS

Compiled by Labedz (1989) from a checklist of birds of Nebraska and his expert knowledge of the region

Green-backed heron (Butorides striatus)
Great blue heron (Ardea herodias)
Mallard (Anas platyrhynchos)
Blue-winged teal (Anas discors)
Sora (Porzana carolina)
Killdeer (Charadrius vociferus)
Spotted sandpiper (Actitis macularia)
Common snipe (Gallinago gallinago)
American woodcock (Scolopax minor)
Upland sandpiper (Bartramia longicauda)
Swainson s hawk (Buteo swainsoni)
Red-tailed hawk (Buteo jamaicensis)
American kestral (Falco sparverius)
Northern Bobwhite (Colinus virginianus)
Gray Partridge (reported by NE G&P) (Perdix perdix)
Ring-necked pheasant (Phasianus colchicus)
Rock dove (Columba livia)
Mourning dove (Zenaida macroura)
Black-billed cuckoo (Coccyzus erythropthalmus)
Yellow-billed cuckoo (Coccyzus americanus)
Common barn owl (Tyto alba)
Long eared owl (Asio otus)
Great horned owl (Bubo virginianus)
Barred owl (Strix varia)
Eastern screech owl (Otus asio)
Common nighthawk (Chordeiles minor)
Chimney swift (Chaetura pelagica)
Belted kingfisher (Ceryle alcyon)
Red-bellied woodpecker (Melanerpes carolinus)
Red-headed woodpecker (Melanerpes erythrocephalus)
Northern flicker (Colaptes auratus)
Yellow-bellied sapsucker (Sphyrapicus varius)

Downy woodpecker (Picoides pubescens)
Hairy woodpecker (Picoides villosus)
Eastern kingbird (Tyrannus tyrannus)
Western kingbird (Tyrannus verticalis)
Great crested flycatcher (Myiarchus crinitus)
Eastern wood-pewee (Contopus virens)
Eastern phoebe (Sayornis nigricans)
Willow flycatcher (Empidonax traillii)
Horned lark (Eremophila alpestris)
Purple martin (Progne subis)
Tree swallow (Tachycineta bicolor)
Northern rough-winged swallow (Stelgidopteryx serripennis)
Cliff swallow (Hirundo pyrrhonota)
Barn swallow (Hirundo rustica)
Blue jay (Cyanocitta cristata)
Black-billed magpie (Pica pica)
American crow (Corvus brachyrhynchos)
Black-capped chickadee (Parus atricapillus)
White-breasted nuthatch (Sitta carolinensis)
Carolina wren (Thryothorus ludovicianus)
House wren (Troglodytes aedon)
Sedge wren (Cistothorus platensis)
Blue-gray gnatcatcher (Polioptila caerulea)
Eastern bluebird (Sialia sialis)
American robin (Turdus migratorius)
Loggerhead shrike (Lanius ludovicianus)
Gray catbird (Dumetella carolinensis)
Brown thrasher (Toxostoma rufum)
Cedar waxwing (Bombycilla cedrorum)
European starling (Sturnus vulgaris)
Bell s vireo (Vireo bellii)
Warbling vireo (Vireo gilvus)
Red-eyed vireo (Vireo olivaceus)
Yellow warbler (Dendroica petechia)
Common yellowthroat (Geothlypis trichas)
Yellow-breasted chat (Icteria virens)
Rose-breasted grosbeak (Pheucticus ludovicianus)
Northern cardinal (Cardinalis cardinalis)
Blue grosbeak (Guiraca caerulea)
Indigo bunting (Passerina cyanea)
Rufous-sided towhee (Pipilo erythrophthalmus)
Chipping sparrow (Spizella passerina)
Field sparrow (Spizella pusilla)
Vesper sparrow (Pooecetes gramineus)
Grasshopper sparrow (Ammodramus savannarum)
Song sparrow (Melospiza melodia)
Dickcissel (Spiza americana)
Bobolink (Dolichonyx oryzivorus)
Eastern meadowlark (Sturnella magna)
Western meadowlark (Sturnella neglecta)
Red-winged blackbird (Agelaius phoeniceus)
Brown-headed cowbird (Molothrus ater)
Common grackle (Quiscalus quiscula)
Orchard oriole (Icterus spurius)
Northern oriole (Icterus galbula)
Scarlet tanager (Piranga olivacea)
House sparrow (Passer domesticus)
Pine siskin (Carduelis pinus)

American goldfinch (Carduelis tristis)
House finch (Carpodacus mexicanus)

FISH

Based primarily upon observations by Nebraska Game and Parks and Department of Environmental Control personnel from the last two decades

Fathead minnow (Pimephales promelas)
Green sunfish (Lepomis cyanellus)
Sand shiner (Notropis stramineus)
Red shiner (Notropis lutrensis)
Black bullhead (Ictalurus melas)

# APPENDIX V

B Meteorological Data

ANNUAL RELATIVE FREQUENCY DISTRIBUTION STATION #14942 OMAHA NEB/OFFUTT AFB 60-64

SPEED(KTS)

| DIRECTION | 0 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | GREATER THAN 21 | TOTAL |
|---|---|---|---|---|---|---|---|
| N | 0.018279 | 0.019435 | 0.028821 | 0.014730 | 0.001964 | 0.000160 | 0.083388 |
| NNE | 0.008291 | 0.009386 | 0.010117 | 0.004727 | 0.000662 | 0.000137 | 0.033321 |
| NE | 0.011083 | 0.010505 | 0.010711 | 0.004727 | 0.000160 | 0.000046 | 0.037231 |
| ENE | 0.011563 | 0.009637 | 0.008838 | 0.003494 | 0.000457 | 0.000114 | 0.034103 |
| E | 0.030499 | 0.019366 | 0.018178 | 0.005504 | 0.000251 | 0.000000 | 0.073799 |
| ESE | 0.029681 | 0.019731 | 0.014433 | 0.007913 | 0.000343 | 0.000069 | 0.071770 |
| SE | 0.028578 | 0.023614 | 0.024619 | 0.013474 | 0.001690 | 0.000160 | 0.092134 |
| SSE | 0.019311 | 0.020051 | 0.026880 | 0.019001 | 0.002375 | 0.000525 | 0.088143 |
| S | 0.023609 | 0.021764 | 0.034324 | 0.027199 | 0.003700 | 0.000685 | 0.111281 |
| SSW | 0.010826 | 0.008564 | 0.010962 | 0.006623 | 0.001188 | 0.000183 | 0.038345 |
| SW | 0.007106 | 0.006531 | 0.006554 | 0.003631 | 0.000228 | 0.000137 | 0.024189 |
| WSW | 0.005497 | 0.005478 | 0.004887 | 0.001781 | 0.000320 | 0.000091 | 0.018035 |
| W | 0.022454 | 0.014388 | 0.008267 | 0.003631 | 0.000822 | 0.000411 | 0.049973 |
| WNW | 0.028185 | 0.025235 | 0.019826 | 0.008039 | 0.002170 | 0.000754 | 0.080208 |
| NW | 0.020162 | 0.022723 | 0.026103 | 0.022472 | 0.006417 | 0.001895 | 0.099772 |
| NNW | 0.010068 | 0.010163 | 0.018681 | 0.019594 | 0.004842 | 0.000959 | 0.064306 |
| TOTAL | 0.285192 | 0.246251 | 0.268201 | 0.166141 | 0.027587 | 0.006326 | |

TOTAL RELATIVE FREQUENCY OF OBSERVATIONS = 1.000000

TOTAL RELATIVE FREQUENCY OF CALMS DISTRIBUTED ABOVE = 0.155979

ANNUAL RELATIVE FREQUENCY DISTRIBUTION STATION =14949 OMAHA NEB/OFFUTT AFB 60-64

SPEED(KTS)

| DIRECTION | 0 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | GREATER THAN 21 | TOTAL |
|---|---|---|---|---|---|---|---|
| N | 0.000421 | 0.000160 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000581 |
| NNE | 0.000221 | 0.000137 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000358 |
| NE | 0.000286 | 0.000206 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000492 |
| ENE | 0.000286 | 0.000206 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000492 |
| E | 0.000664 | 0.000320 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000983 |
| ESE | 0.000266 | 0.000091 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000358 |
| SE | 0.000420 | 0.000206 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000626 |
| SSE | 0.000508 | 0.000297 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000805 |
| S | 0.001040 | 0.000480 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.001520 |
| SSW | 0.000421 | 0.000160 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000581 |
| SW | 0.000443 | 0.000183 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000626 |
| WSW | 0.000464 | 0.000251 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000715 |
| W | 0.000508 | 0.000297 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000805 |
| WNW | 0.000266 | 0.000091 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000358 |
| NW | 0.000330 | 0.000251 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000581 |
| NNW | 0.000398 | 0.000183 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000581 |
| TOTAL | 0.006943 | 0.003517 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |

RELATIVE FREQUENCY OF OCCURRENCE OF A STABILITY = 0.010459

RELATIVE FREQUENCY OF CALMS DISTRIBUTED ABOVE WITH A STABILITY = 0.005116

ANNUAL RELATIVE FREQUENCY DISTRIBUTION STATION #14949 OMAHA NEB/OFFUTT AFB 60-64

SPEED(KTS)

| DIRECTION | 0 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | GREATER THAN 21 | TOTAL |
|---|---|---|---|---|---|---|---|
| N | 0.001606 | 0.002010 | 0.001096 | 0.000000 | 0.000000 | 0.000000 | 0.004791 |
| NNE | 0.000994 | 0.001142 | 0.000502 | 0.000000 | 0.000000 | 0.000000 | 0.002639 |
| NE | 0.001148 | 0.000959 | 0.000365 | 0.000000 | 0.000000 | 0.000000 | 0.002473 |
| ENE | 0.001130 | 0.001073 | 0.000434 | 0.000000 | 0.000000 | 0.000000 | 0.002637 |
| E | 0.002357 | 0.001599 | 0.000776 | 0.000000 | 0.000000 | 0.000000 | 0.004732 |
| ESE | 0.001941 | 0.001119 | 0.000594 | 0.000000 | 0.000000 | 0.000000 | 0.003654 |
| SE | 0.003399 | 0.001393 | 0.001096 | 0.000000 | 0.000000 | 0.000000 | 0.005889 |
| SSE | 0.002653 | 0.001736 | 0.001210 | 0.000000 | 0.000000 | 0.000000 | 0.005599 |
| S | 0.004020 | 0.002649 | 0.002055 | 0.000000 | 0.000000 | 0.000000 | 0.008724 |
| SSW | 0.001254 | 0.001142 | 0.000868 | 0.000000 | 0.000000 | 0.000000 | 0.003264 |
| SW | 0.001239 | 0.001302 | 0.000708 | 0.000000 | 0.000000 | 0.000000 | 0.003248 |
| WSW | 0.001091 | 0.000959 | 0.000617 | 0.000000 | 0.000000 | 0.000000 | 0.002666 |
| W | 0.003145 | 0.001416 | 0.000571 | 0.000000 | 0.000000 | 0.000000 | 0.005132 |
| WNW | 0.001933 | 0.000868 | 0.000525 | 0.000000 | 0.000000 | 0.000000 | 0.003326 |
| NW | 0.001349 | 0.000845 | 0.000731 | 0.000000 | 0.000000 | 0.000000 | 0.002925 |
| NNW | 0.000896 | 0.000776 | 0.000480 | 0.000000 | 0.000000 | 0.000000 | 0.001952 |
| TOTAL | 0.030034 | 0.020987 | 0.012629 | 0.000000 | 0.000000 | 0.000000 | |

RELATIVE FREQUENCY OF OCCURRENCE OF B STABILITY = 0.063670

RELATIVE FREQUENCY OF CALMS DISTRIBUTED ABOVE WITH B STABILITY = 0.010665

ANNUAL RELATIVE FREQUENCY DISTRIBUTION STATION #14949 OMAHA NEB/OFFUTT AFB 60-64

SPEED(KTS)

| DIRECTION | 0 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | GREATER THAN 21 | TOTAL |
|---|---|---|---|---|---|---|---|
| N | 0.000821 | 0.001873 | 0.005635 | 0.000708 | 0.000000 | 0.000000 | 0.008837 |
| NNE | 0.000358 | 0.001256 | 0.001599 | 0.000297 | 0.000023 | 0.000000 | 0.003732 |
| NE | 0.000614 | 0.001230 | 0.001804 | 0.000137 | 0.000000 | 0.000000 | 0.004085 |
| ENE | 0.000479 | 0.001005 | 0.001210 | 0.000228 | 0.000000 | 0.000000 | 0.002923 |
| E | 0.001824 | 0.001804 | 0.002935 | 0.000320 | 0.000000 | 0.000000 | 0.006483 |
| ESE | 0.001462 | 0.001644 | 0.002923 | 0.000365 | 0.000023 | 0.000000 | 0.006417 |
| SE | 0.001813 | 0.002832 | 0.004248 | 0.000936 | 0.000046 | 0.000000 | 0.009875 |
| SSE | 0.001155 | 0.003340 | 0.006098 | 0.002055 | 0.000206 | 0.000023 | 0.012916 |
| S | 0.001748 | 0.004134 | 0.010234 | 0.003677 | 0.000388 | 0.000023 | 0.020224 |
| SSW | 0.000843 | 0.001576 | 0.004659 | 0.000936 | 0.000114 | 0.000023 | 0.008151 |
| SW | 0.000559 | 0.001530 | 0.002352 | 0.000525 | 0.000000 | 0.000023 | 0.004989 |
| WSW | 0.000522 | 0.001621 | 0.002101 | 0.000274 | 0.000046 | 0.000000 | 0.004565 |
| W | 0.001684 | 0.002466 | 0.002992 | 0.000480 | 0.000046 | 0.000023 | 0.007690 |
| WNW | 0.001614 | 0.002261 | 0.003722 | 0.000731 | 0.000137 | 0.000000 | 0.008466 |
| NW | 0.000729 | 0.001690 | 0.003494 | 0.000639 | 0.000000 | 0.000000 | 0.006552 |
| NNW | 0.000475 | 0.000982 | 0.002923 | 0.000594 | 0.000069 | 0.000000 | 0.005042 |
| TOTAL | 0.016900 | 0.031984 | 0.058349 | 0.012903 | 0.001096 | 0.000114 | |

RELATIVE FREQUENCY OF OCCURRENCE OF C STABILITY = 0.120946

RELATIVE FREQUENCY OF CALMS DISTRIBUTED ABOVE WITH C STABILITY = 0.008199

ANNUAL RELATIVE FREQUENCY DISTRIBUTION STATION =14949 OMAHA NEB/OFFUTT AFB 60-64

SPEED(KTS)

| DIRECTION | 0 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | GREATER THAN 21 | TOTAL |
|---|---|---|---|---|---|---|---|
| N | 0.003414 | 0.006760 | 0.018521 | 0.014022 | 0.001964 | 0.000160 | 0.044841 |
| NNE | 0.001474 | 0.003106 | 0.006600 | 0.004430 | 0.000639 | 0.000137 | 0.016387 |
| NE | 0.001813 | 0.003700 | 0.007650 | 0.004290 | 0.000160 | 0.000046 | 0.017959 |
| ENE | 0.002411 | 0.003677 | 0.006349 | 0.003266 | 0.000457 | 0.000114 | 0.016274 |
| E | 0.003771 | 0.006212 | 0.013200 | 0.005184 | 0.000251 | 0.000000 | 0.028618 |
| ESE | 0.002331 | 0.004408 | 0.009272 | 0.007148 | 0.000320 | 0.000069 | 0.023746 |
| SE | 0.003012 | 0.006120 | 0.013999 | 0.012538 | 0.001644 | 0.000160 | 0.037473 |
| SSE | 0.002293 | 0.004727 | 0.013862 | 0.016945 | 0.002170 | 0.000502 | 0.040500 |
| S | 0.003167 | 0.005664 | 0.016603 | 0.023522 | 0.003811 | 0.000662 | 0.052929 |
| SSW | 0.001606 | 0.002261 | 0.004248 | 0.005686 | 0.001073 | 0.000160 | 0.015034 |
| SW | 0.001066 | 0.001484 | 0.002581 | 0.003106 | 0.000228 | 0.000114 | 0.008579 |
| WSW | 0.000659 | 0.001233 | 0.001530 | 0.001507 | 0.000274 | 0.000091 | 0.005295 |
| W | 0.001977 | 0.002878 | 0.003426 | 0.003192 | 0.000776 | 0.000388 | 0.012596 |
| WNW | 0.001922 | 0.003974 | 0.006668 | 0.007308 | 0.002033 | 0.000754 | 0.022659 |
| NW | 0.002073 | 0.003768 | 0.013748 | 0.021832 | 0.006417 | 0.001895 | 0.049735 |
| NNW | 0.001661 | 0.003357 | 0.011213 | 0.019001 | 0.004773 | 0.000959 | 0.040964 |
| TOTAL | 0.038850 | 0.063328 | 0.149470 | 0.153238 | 0.026491 | 0.006212 | |

RELATIVE FREQUENCY OF OCCURRENCE OF D STABILITY = 0.433589

RELATIVE FREQUENCY OF CALMS DISTRIBUTED ABOVE WITH D STABILITY = 0.016420

ANNUAL RELATIVE FREQUENCY DISTRIBUTION STATION #14949 OMAHA NEB/OFFUTT AFB 60-64

SPEED(KTS)

| DIRECTION | 0 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | GREATER THAN 21 | TOTAL |
|---|---|---|---|---|---|---|---|
| N | 0.000000 | 0.003905 | 0.003768 | 0.000000 | 0.000000 | 0.000000 | 0.007673 |
| NNE | 0.000000 | 0.001484 | 0.001416 | 0.000000 | 0.000000 | 0.000000 | 0.002900 |
| NE | 0.000000 | 0.001964 | 0.000891 | 0.000000 | 0.000000 | 0.000000 | 0.002855 |
| ENE | 0.000000 | 0.002421 | 0.000845 | 0.000000 | 0.000000 | 0.000000 | 0.003266 |
| E | 0.000000 | 0.004499 | 0.001667 | 0.000000 | 0.000000 | 0.000000 | 0.006166 |
| ESE | 0.000000 | 0.005001 | 0.001644 | 0.000000 | 0.000000 | 0.000000 | 0.006646 |
| SE | 0.000000 | 0.005435 | 0.005275 | 0.000000 | 0.000000 | 0.000000 | 0.010711 |
| SSE | 0.000000 | 0.003860 | 0.005709 | 0.000000 | 0.000000 | 0.000000 | 0.009569 |
| S | 0.000000 | 0.003240 | 0.005412 | 0.000000 | 0.000000 | 0.000000 | 0.008652 |
| SSW | 0.000000 | 0.001302 | 0.001188 | 0.000000 | 0.000000 | 0.000000 | 0.002489 |
| SW | 0.000000 | 0.000685 | 0.000913 | 0.000000 | 0.000000 | 0.000000 | 0.001599 |
| WSW | 0.000000 | 0.000571 | 0.000639 | 0.000000 | 0.000000 | 0.000000 | 0.001210 |
| W | 0.000000 | 0.002055 | 0.001279 | 0.000000 | 0.000000 | 0.000000 | 0.003334 |
| WNW | 0.000000 | 0.003517 | 0.004910 | 0.000000 | 0.000000 | 0.000000 | 0.008427 |
| NW | 0.000000 | 0.004271 | 0.008130 | 0.000000 | 0.000000 | 0.000000 | 0.012401 |
| NNW | 0.000000 | 0.001576 | 0.004065 | 0.000000 | 0.000000 | 0.000000 | 0.005641 |
| TOTAL | 0.000000 | 0.046086 | 0.047753 | 0.000000 | 0.000000 | 0.000000 | |

RELATIVE FREQUENCY OF OCCURRENCE OF E STABILITY = 0.092838

RELATIVE FREQUENCY OF CALMS DISTRIBUTED ABOVE WITH E STABILITY = 0.000000

ANNUAL RELATIVE FREQUENCY DISTRIBUTION STATION #14949 OMAHA NEB/OFFUTT AFB 60-64

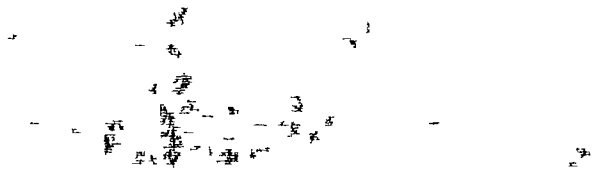
| | SPEED(KTS) | | | | | | |
|---|---|---|---|---|---|---|---|
| DIRECTION | 0 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | GREATER THAN 21 | TOTAL |
| N | 0.010380 | 0 004727 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.015108 |
| NNE | 0.004275 | 0 002261 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.006536 |
| NE | 0.006425 | 0 002147 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.008571 |
| ENE | 0.006024 | 0 001256 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0 007280 |
| E | 0.022112 | 0 004933 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.027045 |
| ESE | 0.025018 | 0.007468 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.032485 |
| SE | 0.019974 | 0 007628 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0 027202 |
| SSE | 0.011874 | 0.006052 | 0 000000 | 0.000000 | 0.000000 | 0.000000 | 0 017926 |
| S | 0.012236 | 0.005298 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.017534 |
| SSW | 0.006408 | 0 002124 | 0.000000 | 0.000000 | 0.000000 | 0 000000 | 0 008532 |
| SW | 0 003388 | 0 001347 | 0 000000 | 0.000000 | 0.000000 | 0 000000 | 0 004736 |
| WSW | 0.002309 | 0 000822 | 0.000000 | 0.000000 | 0.000000 | 0 000000 | 0.003131 |
| W | 0.016095 | 0.005275 | 0.000000 | 0.000000 | 0.000000 | 0 000000 | 0.021370 |
| WNW | 0 026102 | 0 014525 | 0 000000 | 0 000000 | 0.000000 | 0 000000 | 0.040626 |
| NW | 0.017456 | 0.011898 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.029354 |
| NNW | 0.006770 | 0 003289 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.010059 |
| TOTAL | 0.196446 | 0 081050 | 0 000000 | 0.000000 | 0.000000 | 0.000000 | |

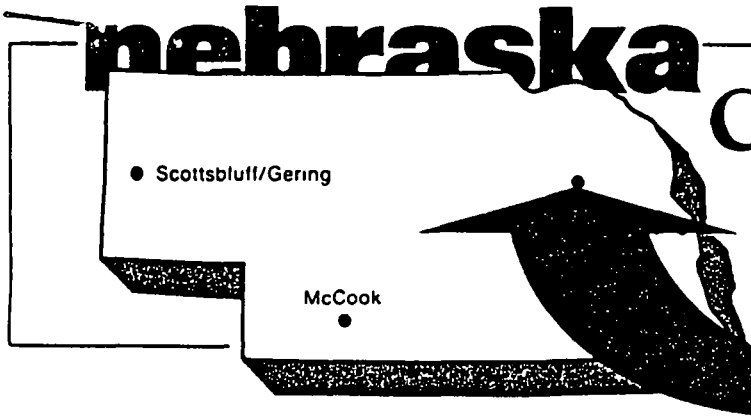
RELATIVE FREQUENCY OF OCCURRENCE OF F STABILITY = 0.277496

RELATIVE FREQUENCY OF CALMS DISTRIBUTED ABOVE WITH F STABILITY = 0.115580

## APPENDIX V

C Demographic Data






# COMMUNITY profile

# lindsay

## LOCATION

Distance in miles from

| | | | |
|---|---|---|---|
| Chicago | 500 | Los Angeles | 2,000 |
| Dallas | 500 | New York | 1,800 |
| Denver | 500 | Kansas City | 350 |

Elevation 1,875 feet

## POPULATION

1980
383

| | 1960 | 1970 | 1977 |
|---|---|---|---|
| City | 218 | 291 | N/A (est) |
| County | 23,992 | 26,508 | 28,000 |

| Age | 18 24 | 25 44 | 45 54 |
|---|---|---|---|
| Male | 1,221 | 2,877 | 1,420 |
| Female | 1,429 | 2 940 | 1,375 |
| Total | 2,650 | 5,817 | 2 795 |

*1970 Census

## LABOR

Hourly wage rates in manufacturing occupations (production and/or clerical)

| Job Title | Min | Ave | Max |
|---|---|---|---|
| Assembly line | $2 75 | $3 25 | $4 00 |
| Construction worker | 3 00 | 3 50 | 4 00 |
| Electrician | 3 50 | 4 00 | 5 00 |
| Stenographer | 2 30 | 3 10 | 3 55 |
| Nurse, R N | 3 90 | 4 25 | 4 92 |
| Truck Driver | 2 87 | 3 42 | 4 00 |
| Welder, Arc | 3 00 | 3 60 | 4 25 |

% of Labor Force Unionized: none
Work Stoppages in Past Two Years: none

| County Labor Data | Platte County* |
|---|---|
| Labor Force | 13,686 |
| Unemployed | 567 |
| Unemployed as % of Labor Force | 4.1 |
| Total Employment | 13,119 |
| Agricultural Employment | 1,800 |
| Nonagricultural Employment | 11,860 |

* 1977 annual average from Nebraska Department of Labor

## TRANSPORTATION SERVICES

Rail

Community served by railroad(s) ( ) yes (x) no

Distance to nearest loading point 11 miles

Number of freight train trips per day 1

Reciprocal switching available ( ) yes (x) no

Piggy back ramp available ( ) yes (x) no

Distance to nearest piggy back service 35 miles

Name(s) of railroad(s) Union Pacific

Motor Carrier

Highway bus service available ( ) yes (x) no

Number highways serving city Federal - State 1

City within 1 mile of interstate highway interchange ( ) yes (x) no

Nearest interstate is I-80

Distance to nearest interstate interchange 50 miles

Motor freight carriers serving community

Interstate carriers 1

Intrastate carriers 2

Time in transit for carload or truckload lots to

| City | Days by Railroad | Days by Motor Freight |
|---|---|---|
| Chicago | 3 | 3 |
| Dallas | 3 | 6 |
| Denver | 6 | 3 |
| Kansas City | 2 | 2 |
| Los Angeles | 4 | 8 |
| Minneapolis | 5 | 3 |
| New York | 7 | 7 |
| St Louis | 3 | 3 |

Air

Distance to nearest public airport 18 miles

Type of runway ( ) sod (x) hard surface

Length of longest runway 3,200 feet

Runway lighted (x) yes ( ) no

Private aircraft storage available (x) yes ( ) no

Private aircraft maintenance available ( ) yes ( ) no

Distance to nearest commercial air transportation 35 miles

Name(s) of airlines serving point Frontier

Barge

City adjoins navigable river ( ) yes (x) no

Channel depth ft Length of season months

Barge dock available ( ) yes ( ) no

Distance to nearest barge dock 86 miles

## UTILITIES

Electricity

Supplier Loup Power District

KW Capacity 5,000 KW peak demand 2,700

Additional source

Natural Gas

Natural gas service available ( x) yes ( ) no

Supplier Cengas

Interruptible gas available ( x) yes ( ) no

Water

Water supplied by ( x) municipal ( ) private

Name of supplier Village of Lindsay

Source of city water ( ) lake(s) or reservoir(s)

( ) river(s) (x ) well(s) Number of wells 3

Average Depth of Wells 80 feet

Capacity of water plant 1,500 gals /min

Average consumption 100,000 gals /day

Peak consumption N/A gals /day

Storage capacity 100,000 gals

Hardness (ppm) 16 Treated ( ) yes (x ) no

Temperature range 55°

Sanitation

Type of sewage treatment plant lagoon

Characteristics of waste treatment plant

| | Capacity | Present Load |
|---|---|---|
| Gallons per day | *** | 24,000 |
| Population equivalent | N/A | N/A |

Sewer use charge ( ) yes (x ) no

***5,525,000 gallon volume

## TAX STRUCTURE *

Assessed valuation of city $ 6,322,017

Tax Rate (mills) City 14 52 County 13 64

School 15 07 Other 5 43 Total 48 66

Bonded Indebtedness Gen Obligation $ -

Revenue $ -

*1977

## MUNICIPAL SERVICES

Type of local government Mayor-Council

Comprehensive City Plan ( ) completed Date
( ) underway ( ) under consideration

City zoning ordinance in effect (x) yes ( ) no

County zoning ordinance in effect (x) yes ( ) no

Number full time fire department personnel -

Number volunteer fire department personnel 27

Fire insurance class In city 8 Outside city A

Number of full time city policemen -

City Engineer employed (x) yes ( ) no

Garbage service provided (x) yes ( ) no (private)

Public Library in city ( ) yes (x) no

Percent of city streets paved 100 %

## HEALTH FACILITIES

No Hospitals in community - No beds -

If no Hospital distance to nearest facility 16 miles

Clinic in community ( ) yes (x) no

Medical Personnel MD(s) - DO(s) -

DC(s) - Dentist(s) - DVM(s) -

Nurses (Registered) 6 (Practical) 6

## RECREATION FACILITIES

Type of facilities available in city or within 10 miles

(x) public golf course(s) (x) public park(s)
(x) public tennis court(s) ( ) public swimming pool(s)

Country club available (x) yes ( ) no

Nearest public access lake or river 15 miles

Activities allowed ( ) swimming (x) fishing
( ) water skiing ( ) motor boating

No of theaters indoor - outdoor -

## EDUCATION FACILITIES

Public Schools

| Type | Number | Enrollment | Teacher/ Pupil Ratio |
|---|---|---|---|
| Elementary | 1 | 35 | 1/18 |
| Jr High | | | |
| Sr High | | | |
| Trade & Technical | | | |
| Jr College | | | |
| Four Year College | | | |
| University | | | |

Private Schools

| Type | Number | Enrollment | Teacher/ Pupil Ratio |
|---|---|---|---|
| Elementary | 1 | 151 | 1/19 |
| Jr High | | | |
| High School | 1 | 109 | 1/14 |
| College | | | |

## COMMERCIAL SERVICES

Machine Shop(s) in city (x) yes ( ) no Number 3

Tool and die service in city (x) yes ( ) no

Electric motor repair service in city (x) yes ( ) no

Type of newspaper in city ( ) daily (x) weekly

Radio Station(s) ( ) yes (x) no Number

Number of TV channels received 3

Cable Antenna Television serves city ( ) yes (x) no

Number of churches - Protestant 1 Catholic

Synagogue in city ( ) yes (x) no

Number of motels and hotels available -

Total number of rooms available -

Number of banks in city 1 Assets $4,000,000

No savings & loan firms - Assets $ -

Chamber of Commerce (x) yes ( ) no

Manager is full time ( ) yes (x) no

## CLIMATE

| Average Daily Temperature | Min | Mean | Max |
|---|---|---|---|
| January | 11 6 | 22 2 | 32 9 |
| April | 38 2 | 50 9 | 63 2 |
| July | 64 9 | 76 8 | 89 0 |
| October | 41 2 | 54 7 | 68 0 |

Average annual rain 26 09 inches
Average annual snow 29 6 inches
Average length of growing season 158 days

## HOUSING

No of houses built in last 2 years 25
Per cent of home ownership 99 %
Average monthly rental House $ 175 Apt $ N/A
Average cost of houses $ 50,000

## LOCAL MANUFACTURING CHARACTERISTICS

Number of manufacturing plants in community 1
Number of manufacturing plants with unions none
Number of manufacturing employees in community 392
Major manufacturers or other large employers in community

#1 Name of firm Lindsay Manufacturing
Employment Male 337 Female 55 Total 392
Years in city 30
Unions none
Product(s) manufactured irrigation systems

#2 Name of firm
Employment Male Female Total
Years in city
Unions
Product(s) manufactured

#3 Name of firm
Employment Male Female Total
Years in city
Unions
Product(s) manufactured

## INDUSTRIAL BUILDINGS

Building available for industrial prospect ( ) yes (x ) no
#1 Size sq ft floors
#2 Size sq ft floors
#3 Size sq ft floors
Details on these buildings are on file with Dept of Economic Development ( ) yes ( ) no

## INDUSTRIAL SITES

Controlled sites are available for industrial prospect
(x) yes ( ) no
#1 Size 10 acres
#2 Size acres
#3 Size acres
Details on these sites are on file with the Dept of Economic Development ( ) yes ( x) no

## LOCAL INDUSTRIAL DEVELOPMENT ORGANIZATION

Name of group
Person to contact Robert Melcher
Address Lindsay, Nebraska 68644
Phone number (402) 428-3073

The above information was prepared with the assistance of local community representatives For further data contact the local contact above or

Nebraska Department of Economic Development
Box 94666– 301 Centennial Mall South
Lincoln Nebraska 68509
(402) 471-3111

5/78

Contact:
Jim Locks
402-221-3707

DAMES & MOORE
SEATTLE
DEC 22 1989
ROUTING

**U S. Department of Housing and Urban Development**

Omaha Office Region VII
Braiker/Brandeis Building
210 South 16th Street
Omaha, Nebraska 68102 1622

Official Business
Penalty for Private Use $300

U S MAIL

Postage and Fees Paid
U S Department of Housing and Urban Development
HUD-401

Ms Julie McDonald
Dames & Moore
2025 First Ave , Suite 500
Seattle, WA 98121

# APPENDIX VI

INTERIM REMEDIATION DATA

## APPENDIX VI

A Interceptor Well Pumping Data

02/07/90

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** March 27, 1989 | | | | | |
| 12 10 | | 0 408 | 0 133 | 5 50 | 13 5 |
| 13 40 | | 0 702 | 0 229 | 5 50 | 13 5 |
| 14 40 | | 0 702 | 0 229 | 5 53 | 13 5 |
| 16 40 | | 1 077 | 0 351 | 5 54 | 13 5 |
| 17 00 | | 1 136 | 0 370 | 5 54 | 12 5 |
| ** April 17 1989 | | | | | |
| 13 55 | | 1 136 | 0 370 | | |
| 14 27 | | 1 236 | 0 403 | | |
| ** April 18 1989 | | | | | |
| 14 00 | | 1 236 | 0 403 | | |
| 14 35 | | 1 439 | 0 469 | | |
| ** April 24 1989 | | | | | |
| 10 20 | 1649 05 | 1 439 | 0 469 | 5 13 | 15 0 |
| 12 30 | | 1 698 | 0 553 | 5 51 | 15 0 |
| 14 30 | | 2 105 | 0 686 | 5 48 | 15 0 |
| 16 30 | | 2 503 | 0 816 | 5 20 | 15 0 |
| 18 30 | 1622 72 | 2 895 | 0 943 | 5 29 | 15 0 |
| 20 30 | | 3 300 | 1 075 | 5 21 | 14 0 |
| 22 30 | | 3 685 | 1 201 | 5 25 | 14 0 |
| ** April 25, 1989 | | | | | |
| 00 30 | | 4 079 | 1 329 | 5 18 | 14 0 |
| 01 22 | | 4 243 | 1 383 | 5 22 | 14 0 |
| 05 00 | | 4 243 | 1 383 | 5 23 | 14 0 |
| 05 40 | | 4 363 | 1 422 | 5 25 | 14 0 |
| 07 40 | 1623 89 | 4 745 | 1 546 | 5 60 | 11 0 |
| 09 40 | | 5 125 | 1 670 | 6 04 | 11 0 |
| 11 00 | | 5 381 | 1 754 | 6 29 | 11 0 |
| 14 00 | | 5 381 | 1 754 | 5 61 | 11 0 |
| 16 00 | 1624 22 | 5 779 | 1 883 | 5 62 | 14 0 |
| 16 30 | | 5 794 | 1 888 | 5 62 | 14 0 |
| 18 30 | | 6 088 | 1 984 | 5 51 | 14 0 |
| ** April 26, 1989 | | | | | |
| 00 30 | | 6 210 | 2 024 | 5 56 | 14 0 |
| 02 30 | 1626 05 | 6 517 | 2 124 | 5 23 | 14 0 |
| 04 30 | | 6 797 | 2 215 | 5 30 | 14 0 |
| 06 30 | | 7 278 | 2 372 | 5 49 | 14 0 |
| 08 30 | 1625 18 | 7 641 | 2 490 | 5 51 | 14 0 |
| 10 30 | | 8 016 | 2 612 | 5 52 | 14 0 |
| 12 30 | | 8 390 | 2 734 | 6 30 | 14 0 |
| 14 30 | | 8 770 | 2 858 | 6 52 | 14 0 |
| 16 30 | 1625 10 | 9 158 | 2 984 | 5 72 | 14 0 |
| 18 30 | | 9 530 | 3 106 | 5 50 | 14 0 |

02/07/90

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 20 30 | | 9 904 | 3 227 | 5 37 | 14 0 |
| 22 30 | | 10 276 | 3 349 | 5 32 | 14 0 |
| ** April 27 1989 | | | | | |
| 00 30 | 1624 66 | 10 652 | 3 471 | 5 30 | 14 0 |
| 02 30 | | 11 022 | 3 592 | 5 32 | 14 0 |
| 04 30 | | 11 397 | 3 714 | 5 33 | 14 0 |
| 06 30 | | 11 766 | 3 834 | 5 34 | 14 0 |
| 08 30 | 1624 64 | 12 148 | 3 959 | 5 16 | 12 0 |
| 10 30 | | 12 612 | 4 110 | 5 15 | 12 0 |
| 12 30 | | 12 886 | 4 199 | 5 35 | 12 0 |
| 14 30 | | 13 255 | 4 319 | 5 28 | 12 0 |
| 16 30 | 1624 85 | 13 623 | 4 439 | 5 33 | 14 0 |
| 18 30 | | 13 995 | 4 561 | 5 27 | 14 0 |
| 20 30 | | 14 365 | 4 681 | 5 24 | 14 0 |
| 22 30 | | 14 737 | 4 802 | 5 35 | 14 0 |
| ** April 28 1989 | | | | | |
| 00 30 | 1625 12 | 15 114 | 4 925 | 5 14 | 12 0 |
| 02 30 | | 15 447 | 5 034 | 5 32 | 12 0 |
| 04 30 | | 15 845 | 5 163 | 5 23 | 12 0 |
| 06 30 | | 16 018 | 5 220 | 5 54 | 12 0 |
| 08 05 | 1644 89 | 16 506 | 5 379 | 6 16 | 14 0 |
| 14 30 | 1648 72 | 16 506 | 5 379 | 5 43 | 14 0 |
| 16 30 | 1625 55 | 16 875 | 5 499 | 5 48 | 14 0 |
| 18 30 | | 17 250 | 5 621 | 5 47 | |
| 18 50 | | 17 318 | 5 643 | | |
| ** April 29 1989 | | | | | |
| 08 05 | 1648 64 | 17 318 | 5 643 | 5 70 | 11 0 |
| 10 05 | | 17 704 | 5 769 | 5 46 | 11 0 |
| 12 05 | | 18 083 | 5 893 | 5 41 | 11 0 |
| 13 35 | 1646 05 | 18 370 | 5 986 | 5 76 | 11 0 |
| 20 40 | 1647 64 | 18 370 | 5 986 | 6 47 | 13 0 |
| 22 40 | | 18 753 | 6 111 | 5 33 | 13 0 |
| ** April 30 1989 | | | | | |
| 00 40 | 1624 80 | 19 128 | 6 233 | 5 33 | 12 0 |
| 02 40 | | 19 499 | 6 354 | 6 23 | 12 0 |
| 04 40 | | 19 864 | 6 473 | 5 25 | 12 0 |
| 06 40 | | 20 255 | 6 600 | 5 28 | 12 0 |
| 08 40 | 1625 22 | 20 606 | 6 715 | 5 36 | 12 0 |
| 10 40 | | 20 978 | 6 836 | 5 41 | 12 0 |
| 12 40 | | 21 350 | 6 957 | 5 44 | 12 0 |
| 16 40 | 1626 76 | 21 535 | 7 018 | 5 54 | 12 0 |
| 18 30 | | 21 910 | 7 140 | 5 34 | 12 0 |
| 20 30 | | 22 280 | 7 260 | 5 39 | 12 0 |
| 22 30 | | 22 660 | 7 384 | 5 37 | 12 0 |

02/07/90

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** May 1, 1989 | | | | | |
| 00 30 | 1624 43 | 23 021 | 7 502 | 5 31 | 12 0 |
| 02 30 | | 23 395 | 7 624 | 5 33 | 12 0 |
| 04 30 | | 23 768 | 7 745 | 5 35 | 12 0 |
| 06 30 | | 24 144 | 7 868 | 5 36 | 12 0 |
| 08 30 | 1624 30 | 24 513 | 7 988 | 5 58 | 12 0 |
| 10 30 | | 24 885 | 8 109 | 5 40 | 12 0 |
| 12 30 | | 25 257 | 8 230 | 5 41 | 12 0 |
| 14 30 | | 25 632 | 8 353 | 5 42 | 12 0 |
| 16 30 | 1624 80 | 26 000 | 8 473 | 5 43 | 12 0 |
| 18 30 | | 26 364 | 8 591 | 5 49 | 12 0 |
| 20 30 | 1625 18 | 26 733 | 8 711 | 5 45 | 12 0 |
| 22 30 | | 27 103 | 8 832 | 5 45 | 12 0 |
| ** May 2 1989 | | | | | |
| 00 30 | | 27 474 | 8 953 | 5 12 | 12 0 |
| 02 30 | | 27 850 | 9 075 | 5 33 | 12 0 |
| 04 30 | | 28 217 | 9 195 | 5 44 | 12 0 |
| 06 30 | | 28 588 | 9 316 | 5 45 | 12 0 |
| 08 00 | 1625 30 | 28 861 | 9 405 | 5 63 | 12 0 |
| 20 00 | 1624 80 | 28 861 | 9 405 | 5 59 | 12 0 |
| 22 00 | | 29 225 | 9 524 | 5 55 | 12 0 |
| ** May 3, 1989 | | | | | |
| 00 00 | 1624 80 | 29 595 | 9 644 | 5 34 | 12 0 |
| 02 30 | | 30 050 | 9 792 | 5 42 | 12 0 |
| 04 30 | | 30 420 | 9 913 | 5 44 | 12 0 |
| 06 30 | | 30 793 | 10 035 | 5 43 | 12 0 |
| 08 30 | 1624 89 | 31 159 | 10 154 | 5 40 | 11 0 |
| 10 30 | | 31 526 | 10 273 | 5 53 | 11 0 |
| 12 30 | | 31 889 | 10 392 | 6 00 | 11 0 |
| 14 30 | | 32 250 | 10 509 | 5 87 | 11 0 |
| 16 30 | 1625 01 | 32 604 | 10 625 | 6 62 | 11 0 |
| 18 30 | | 32 965 | 10 742 | | |
| ** May 4 1989 | | | | | |
| 00 45 | 1647 72 | 32 965 | 10 742 | 5 39 | 12 0 |
| 02 45 | | 33 309 | 10 854 | 5 34 | 12 0 |
| 04 45 | | 33 669 | 10 972 | 5 37 | 12 0 |
| 06 45 | | 34 032 | 11 090 | 5 41 | 12 0 |
| 08 45 | 1625 05 | 34 383 | 11 204 | 5 42 | 12 0 |
| 10 00 | | 34 628 | 11 284 | | |
| ** May 5 1989 | | | | | |
| 17 00 | 1647 89 | 34 628 | 11 284 | | |
| 19 00 | | 34 992 | 11 403 | 5 45 | 12 0 |
| 21 00 | | 35 357 | 11 522 | 5 41 | 12 0 |

02/07/90

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 23 00 | | 35 714 | 11 638 | 5 60 | 12 0 |
| ** May 6, 1989 | | | | | |
| 01 00 | | 36 103 | 11 765 | 5 43 | 12 0 |
| 03 50 | 1626 14 | 36 497 | 11 893 | 5 54 | 12 0 |
| 05 50 | | 36 858 | 12 011 | 5 36 | 12 0 |
| 07 50 | | 37 218 | 12 128 | 5 40 | 12 0 |
| 08 05 | 1647 47 | 37 266 | 12 144 | 5 41 | 12 0 |
| 10 00 | 1647 47 | 37 266 | 12 144 | 5 43 | 12 0 |
| 10 35 | 1646 39 | 37 366 | 12 176 | 5 61 | 12 0 |
| 17 35 | 1646 47 | 37 366 | 12 176 | 5 40 | 12 0 |
| 19 35 | | 37 752 | 12 302 | 5 39 | 12 0 |
| 21 00 | | 38 013 | 12 387 | 5 39 | 12 0 |
| ** May 7 1989 | | | | | |
| 10 10 | 1646 72 | 38 024 | 12 391 | 5 42 | 12 0 |
| 12 10 | | 38 389 | 12 510 | 5 64 | 12 0 |
| 14 10 | | 38 746 | 12 626 | 5 32 | 12 0 |
| 16 10 | 1623 55 | 39 103 | 12 742 | 5 40 | 12 0 |
| 18 10 | | 39 455 | 12 857 | 5 35 | 12 0 |
| 20 10 | | 39 843 | 12 984 | 5 36 | 12 0 |
| 22 10 | | 40 170 | 13 090 | 5 36 | 12 0 |
| ** May 8 1989 | | | | | |
| 00 10 | 1622 76 | 40 542 | 13 211 | 5 35 | 12 0 |
| 02 10 | | 40 893 | 13 326 | 5 36 | 12 0 |
| 04 10 | | 41 253 | 13 443 | 5 36 | 12 0 |
| 06 10 | | 41 607 | 13 558 | 5 37 | 12 0 |
| 08 10 | 1622 72 | 41 954 | 13 672 | 5 38 | 12 0 |
| 10 10 | | 42 307 | 13 787 | 5 51 | 12 0 |
| 10 30 | | 42 354 | 13 802 | 5 51 | 12 0 |
| ** May 9, 1989 | | | | | |
| 20 00 | 1623 47 | 42 354 | 13 802 | 5 31 | 13 0 |
| 22 00 | | 42 713 | 13 919 | 5 29 | 13 0 |
| ** May 10 1989 | | | | | |
| 00 00 | 1622 05 | 43 069 | 14 035 | 5 33 | 12 0 |
| 02 00 | | 43 428 | 14 152 | 5 36 | 11 0 |
| 04 00 | | 43 778 | 14 266 | 5 22 | 12 0 |
| 06 00 | | 44 126 | 14 379 | 5 26 | 12 0 |
| 08 00 | 1621 97 | 44 471 | 14 492 | 5 51 | 12 0 |
| 10 00 | | 44 823 | 14 606 | 5 39 | 12 0 |
| 12 00 | | 45 174 | 14 721 | 5 67 | 12 0 |
| 14 00 | | 45 526 | 14 836 | 5 93 | 12 0 |
| 16 00 | 1621 72 | 45 878 | 14 950 | 5 94 | 12 0 |
| 18 00 | | 46 238 | 15 068 | 5 43 | 12 0 |
| 20 00 | | 46 586 | 15 181 | 5 43 | 12 0 |

02/07/90

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 22 00 | | 46 932 | 15 294 | 5 42 | 12 0 |
| ** May 11 1989 | | | | | |
| 00 30 | 1621 12 | 47 369 | 15 436 | 5 40 | 12 0 |
| 02 30 | | 47 716 | 15 549 | 5 40 | 12 0 |
| 04 30 | | 48 066 | 15 663 | 5 41 | 12 0 |
| 06 30 | | 48 411 | 15 776 | 5 42 | 12 0 |
| 08 30 | 1620 05 | 48 765 | 15 891 | 5 43 | 12 0 |
| 10 30 | | 49 132 | 16 011 | 5 45 | 12 0 |
| 11 25 | | 49 309 | 16 068 | 5 51 | 12 0 |
| 20 30 | 1621 80 | 49 309 | 16 068 | 6 20 | 12 0 |
| 22 30 | | 49 745 | 16 210 | 5 52 | 12 0 |
| ** May 12, 1989 | | | | | |
| 00 30 | 1622 03 | 50 115 | 16 331 | 5 46 | 12 0 |
| 02 30 | | 50 489 | 16 453 | 5 33 | 12 0 |
| 04 30 | | 50 859 | 16 573 | 5 41 | 12 0 |
| 06 30 | | 51 219 | 16 691 | 5 46 | 12 0 |
| 08 40 | 1622 55 | 51 623 | 16 822 | 5 44 | 12 0 |
| 10 40 | | 51 991 | 16 942 | 5 43 | 12 0 |
| 11 20 | | 52 113 | 16 982 | 5 45 | 12 0 |
| ** May 13 1989 | | | | | |
| 01 00 | 1622 14 | 52 139 | 16 991 | 5 43 | 12 0 |
| 02 30 | | 52 423 | 17 083 | 5 42 | 12 0 |
| 02 40 | | 52 446 | 17 091 | 5 42 | 12 0 |
| 07 55 | 1645 30 | 52 446 | 17 091 | 5 66 | 12 0 |
| 09 00 | | 52 648 | 17 156 | 5 76 | 12 0 |
| 09 40 | | 52 648 | 17 156 | 5 83 | 12 0 |
| 11 40 | | 53 014 | 17 276 | 5 55 | 12 0 |
| 12 45 | | 53 014 | 17 276 | 5 54 | 12 0 |
| 14 45 | | 53 384 | 17 396 | 5 71 | 12 0 |
| 16 45 | 1645 39 | 53 712 | 17 503 | 5 78 | 12 0 |
| 18 45 | | 54 049 | 17 613 | 5 83 | 12 0 |
| 20 45 | | 54 358 | 17 714 | 5 86 | 12 0 |
| 22 45 | | 54 719 | 17 831 | 6 04 | 12 0 |
| 23 05 | | 54 801 | 17 858 | 5 97 | 12 0 |
| ** May 14 1989 | | | | | |
| 12 55 | 1645 55 | 54 801 | 17 858 | 5 25 | 12 0 |
| 14 55 | | 55 172 | 17 979 | 5 38 | 12 0 |
| 16 55 | 1645 47 | 55 488 | 18 082 | 5 32 | 12 0 |
| 18 55 | | 55 786 | 18 179 | 5 39 | 12 0 |
| 20 30 | | 56 173 | 18 305 | 5 38 | 12 0 |
| 22 30 | | 56 458 | 18 398 | 5 39 | 12 0 |
| ** May 15 1989 | | | | | |
| 00 40 | 1622 28 | 56 804 | 18 511 | 5 38 | 12 0 |

02/07/90

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 07 50 | 1645 64 | 56 804 | 18 511 | 5 42 | 12 0 |
| 09 50 | | 57 212 | 18 644 | 5 45 | 12 0 |
| 11 30 | | 57 493 | 18 735 | 5 45 | 12 0 |
| 14 20 | 1645 64 | 57 493 | 18 735 | 5 14 | 12 0 |
| 16 30 | 1622 55 | 57 890 | 18 865 | 5 42 | 12 0 |
| 18 30 | | 58 260 | 18 985 | 5 76 | 12 0 |
| 20 30 | | 58 628 | 19 105 | 5 57 | 12 0 |
| 22 30 | | 58 992 | 19 224 | 5 33 | 12 0 |
| ** May 16 1989 | | | | | |
| 00 30 | 1622 05 | 59 354 | 19 342 | 5 42 | 12 0 |
| 02 30 | | 59 720 | 19 461 | 5 46 | 12 0 |
| 04 30 | | 60 196 | 19 616 | | 12 0 |
| 06 30 | | 60 470 | 19 705 | 5 56 | 12 0 |
| 08 00 | | 60 715 | 19 785 | 5 57 | 12 0 |
| 20 00 | 1623 35 | 60 715 | 19 785 | 5 36 | 12 0 |
| 22 00 | | 61 073 | 19 902 | 5 36 | 12 0 |
| 22 25 | | 61 142 | 19 924 | 5 36 | 12 0 |
| ** May 17, 1989 | | | | | |
| 21 20 | 1623 80 | 61 142 | 19 924 | 5 36 | 12 0 |
| 23 20 | 1622 64 | 61 512 | 20 045 | 5 27 | 13 0 |
| ** May 18, 1989 | | | | | |
| 01 20 | | 61 872 | 20 162 | 5 31 | 13 0 |
| 03 20 | | 62 242 | 20 283 | 5 34 | 13 0 |
| 03 30 | 1622 85 | 62 260 | 20 289 | 5 33 | 13 0 |
| 07 40 | 1645 47 | 62 260 | 20 289 | 5 37 | 12 0 |
| 09 40 | | 62 619 | 20 406 | 5 77 | 12 0 |
| 10 15 | | 62 717 | 20 438 | 5 77 | 12 0 |
| 14 30 | | 62 717 | 20 438 | 5 45 | 12 0 |
| 16 30 | 1623 14 | 63 079 | 20 556 | 5 55 | 12 0 |
| 18 35 | | 63 455 | 20 678 | 5 24 | 12 0 |
| 20 30 | | 63 821 | 20 797 | 5 42 | 12 0 |
| 22 30 | | 64 175 | 20 913 | 5 46 | 12 0 |
| ** May 19, 1989 | | | | | |
| 00 30 | 1622 97 | 64 548 | 21 034 | 5 41 | 12 0 |
| 02 30 | | 64 915 | 21 154 | 5 37 | 12 0 |
| 04 30 | | 65 278 | 21 272 | 5 44 | 12 0 |
| 06 30 | | 65 641 | 21 390 | 5 49 | 12 0 |
| 08 30 | 1626 72 | 65 996 | 21 506 | 5 51 | 12 0 |
| 10 30 | | 66 361 | 21 625 | 5 51 | 12 0 |
| 12 30 | | 66 724 | 21 743 | 5 60 | 12 0 |
| 14 30 | | 67 087 | 21 862 | 5 71 | 12 0 |
| 14 40 | | 67 122 | 21 873 | 5 70 | 12 0 |
| 22 35 | 1626 47 | 67 122 | 21 873 | 5 73 | 12 0 |

02/07/90

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** May 20 1989 | | | | | |
| 00 30 | 1626 55 | 67 528 | 22 005 | 5 52 | 12 0 |
| 02 30 | | 67 896 | 22 125 | 5 46 | 12 0 |
| 04 30 | | 68 254 | 22 242 | 5 48 | 12 0 |
| 06 30 | | 68 618 | 22 361 | 5 83 | 12 0 |
| 08 30 | 1623 30 | 68 975 | 22 477 | 5 82 | 12 0 |
| 10 30 | | 69 337 | 22 595 | 6 14 | 12 0 |
| 12 30 | | 69 699 | 22 713 | 6 06 | 12 0 |
| 14 30 | | 70 044 | 22 825 | 5 92 | 12 0 |
| 16 30 | | 70 453 | 22 959 | 5 38 | 12 0 |
| 18 30 | 1622 64 | 70 766 | 23 061 | 5 45 | 12 0 |
| 20 30 | | 71 145 | 23 184 | 5 41 | 12 0 |
| 22 30 | | 71 488 | 23 296 | 5 42 | 12 0 |
| ** May 21 1989 | | | | | |
| 00 30 | 1622 32 | 71 875 | 23 422 | 5 33 | 13 0 |
| 02 30 | | 72 214 | 23 532 | 5 35 | 13 0 |
| 04 30 | | 72 572 | 23 649 | 5 38 | 13 0 |
| 06 30 | 1622 39 | 72 922 | 23 763 | 5 43 | 13 0 |
| 19 30 | 1624 39 | 72 963 | 23 776 | 5 45 | 13 0 |
| 21 30 | | 73 280 | 23 880 | 5 48 | 13 0 |
| 23 30 | | 73 645 | 23 999 | 5 46 | 13 0 |
| ** May 22, 1989 | | | | | |
| 01 30 | 1623 51 | 74 003 | 24 115 | 5 50 | 13 0 |
| 03 30 | | 74 364 | 24 233 | 5 52 | 13 0 |
| 05 30 | | 74 725 | 24 351 | 5 51 | 13 0 |
| 07 30 | 1623 39 | 75 075 | 24 465 | 5 53 | 13 0 |
| 09 30 | | 75 435 | 24 582 | 6 20 | 13 0 |
| 11 30 | | 75 794 | 24 699 | 5 85 | 13 0 |
| 13 30 | | 76 153 | 24 816 | 5 75 | 13 0 |
| 15 30 | 1623 14 | 76 517 | 24 935 | 5 63 | 13 0 |
| 17 30 | | 76 886 | 25 055 | 5 41 | 12 0 |
| 19 30 | | 77 243 | 25 171 | 5 42 | 12 0 |
| 21 30 | | 77 607 | 25 290 | 5 42 | 12 0 |
| 23 30 | 1622 89 | 77 965 | 25 406 | 5 49 | 13 0 |
| ** May 23 1989 | | | | | |
| 01 30 | | 78 391 | 25 545 | 5 51 | 12 0 |
| 03 45 | 1622 80 | 78 716 | 25 651 | 5 53 | 12 0 |
| 05 40 | 1644 97 | 78 716 | 25 651 | 5 51 | 12 0 |
| 07 40 | 1622 89 | 79 073 | 25 768 | 5 73 | 12 0 |
| 09 25 | | 79 387 | 25 870 | 5 71 | 12 0 |
| 20 00 | 1624 72 | 79 387 | 25 870 | 5 49 | 12 0 |
| 22 00 | | 79 727 | 25 981 | 5 46 | 12 0 |
| 23 10 | 1623 41 | 79 940 | 26 050 | 5 46 | 12 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** May 24, 1989 | | | | | |
| 03 50 | 1646 22 | 79 940 | 26 050 | 5 44 | 13 0 |
| 05 50 | | 80 303 | 26 168 | 5 51 | 13 0 |
| 07 50 | 1623 64 | 80 640 | 26 278 | 5051 | 13 0 |
| 09 50 | | 81 005 | 26 397 | 5055 | 13 0 |
| 11 50 | | 81 361 | 26 513 | 5 78 | 13 0 |
| ** May 25, 1989 | | | | | |
| 10 40 | 1624 80 | 81 361 | 26 513 | 5 25 | 12 0 |
| 11 30 | | 81 508 | 26 561 | | |
| 11 50 | | 81 508 | 26 561 | | |
| 13 50 | | 81 870 | 26 679 | 6 49 | 12 0 |
| 14 10 | | 81 922 | 26 696 | 6 51 | 12 0 |
| ** May 30, 1989 | | | | | |
| 07 50 | | 81 922 | 26 696 | 4 69 | 12 0 |
| 08 20 | | 82 007 | 26 724 | 4 99 | 12 0 |
| ** June 5, 1989 | | | | | |
| 10 30 | 1646 89 | 82 007 | 26 724 | 5 69 | 13 0 |
| 12 30 | | 82 356 | 26 837 | 5 23 | 13 0 |
| 13 30 | | 82 523 | 26 892 | 5 33 | 13 0 |
| 21 15 | 1627 39 | 82 532 | 26 895 | 6 18 | 13 0 |
| 23 15 | 1623 43 | 82 865 | 27 003 | 5 68 | 13 0 |
| ** June 6 1989 | | | | | |
| 01 15 | | 83 232 | 27 123 | 5 30 | 13 0 |
| 03 15 | | 83 598 | 27 242 | 5 49 | 13 0 |
| 05 15 | | 83 958 | 27 359 | 5 53 | 13 0 |
| 07 15 | 1623 01 | 84 320 | 27 477 | 5 60 | 12 0 |
| 07 55 | | 84 463 | 27 524 | 5 59 | 12 0 |
| 20 00 | 1625 22 | 84 463 | 27 524 | 5 19 | 12 0 |
| 22 00 | | 84 802 | 27 634 | 5 84 | 12 0 |
| 23 56 | | 85 149 | 27 748 | 5 63 | 12 0 |
| ** June 7, 1989 | | | | | |
| 00 00 | | 85 523 | 27 869 | 5 33 | 13 0 |
| 04 00 | 1623 51 | 85 888 | 27 988 | 5 68 | 13 0 |
| 06 00 | | 86 248 | 28 106 | | 13 0 |
| 08 00 | | 86 604 | 28 222 | 6 57 | 13 0 |
| 09 20 | | 86 672 | 28 244 | 6 11 | 13 0 |
| 12 50 | | 86 672 | 28 244 | 6 15 | 13 0 |
| 14 50 | | 87 074 | 28 375 | 6 06 | 12 0 |
| 16 30 | | 87 396 | 28 480 | 5 75 | 12 0 |
| 18 55 | | 87 459 | 28 500 | 5 75 | 12 0 |
| 20 50 | 1645 22 | 87 459 | 28 500 | | 12 0 |
| 23 50 | 1645 22 | 87 459 | 28 500 | 5 65 | 13 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** June 8 1989 | | | | | |
| 01 50 | | 87 827 | 28 620 | 5 65 | 13 0 |
| 03 50 | | 88 186 | 28 737 | 5 67 | 13 0 |
| 05 50 | | 88 548 | 28 855 | 5 69 | 13 0 |
| 07 50 | 1622 30 | 88 916 | 28 975 | 5 52 | 12 0 |
| 08 20 | | 89 000 | 29 002 | 5 54 | 12 0 |
| 10 00 | 1645 89 | 89 000 | 29 002 | 5 59 | 12 0 |
| 22 00 | | 89 355 | 29 118 | 5 50 | 13 0 |
| ** June 9, 1989 | | | | | |
| 00 00 | 1623 22 | 89 355 | 29 118 | 5 32 | 13 0 |
| 01 18 | 1623 22 | 89 914 | 29 300 | 5 36 | 13 0 |
| ** June 11, 1989 | | | | | |
| 20 40 | 1643 22 | 89 914 | 29 300 | 5 11 | |
| 22 40 | | 90 309 | 29 429 | 5 08 | 13 0 |
| ** June 12, 1989 | | | | | |
| 00 40 | | 90 680 | 29 550 | 5 41 | 13 0 |
| 01 40 | 1624 03 | 90 859 | 29 608 | 5 48 | 13 0 |
| 20 10 | 1647 14 | 90 859 | 29 608 | 5 53 | 13 0 |
| 22 15 | | 91 247 | 29 735 | 5 58 | 13 0 |
| ** June 13, 1989 | | | | | |
| 00 15 | | 91 618 | 29 856 | 5 57 | 13 0 |
| 02 15 | 1623 66 | 91 979 | 29 973 | 5 50 | 13 0 |
| 04 15 | | 92 341 | 30 091 | 5 57 | 13 0 |
| 05 00 | 1623 72 | 92 470 | 30 133 | 5 59 | 13 0 |
| 20 00 | 1645 51 | 92 470 | 30 133 | 5 45 | 13 0 |
| 22 00 | | 92 807 | 30 243 | 5 45 | 13 0 |
| 23 30 | | 93 062 | 30 326 | 5 47 | 13 0 |
| 23 45 | 1644 72 | 93 062 | 30 326 | 5 44 | 13 0 |
| ** June 14, 1989 | | | | | |
| 00 50 | 1623 68 | 93 248 | 30 387 | 5 49 | 13 0 |
| 01 30 | 1646 97 | 93 248 | 30 387 | 5 52 | 13 0 |
| 13 30 | | 93 637 | 30 513 | 5 69 | 12 0 |
| 18 15 | 1627 14 | 93 637 | 30 513 | 5 51 | 12 0 |
| 20 15 | 1623 26 | 94 049 | 30 648 | 5 50 | 12 0 |
| ** June 15, 1989 | | | | | |
| 02 30 | 1645 10 | 94 058 | 30 651 | 5 36 | 13 0 |
| 04 30 | | 94 377 | 30 755 | 5 45 | 13 0 |
| 06 30 | | 94 748 | 30 876 | 5 49 | 13 0 |
| 08 30 | 1622 39 | 95 091 | 30 987 | 5 48 | 13 0 |
| 09 25 | | 95 271 | 31 046 | 5 47 | 13 0 |
| 17 00 | 1643 22 | 95 271 | 31 046 | 5 29 | 13 0 |
| 18 30 | | 95 543 | 31 135 | 5 46 | 13 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 20 30 | | 95 904 | 31 252 | 5 51 | 13 0 |
| 22 30 | | 96 248 | 31 364 | 5 53 | 13 0 |
| ** June 16 1989 | | | | | |
| 00 30 | 1629 14 | 96 599 | 31 479 | 5 36 | 13 0 |
| 02 30 | | 96 951 | 31 593 | 5 37 | 13 0 |
| 04 30 | | 97 304 | 31 708 | 5 59 | 13 0 |
| 06 30 | | 97 659 | 31 824 | 5 58 | 13 0 |
| 08 30 | 1619 97 | 98 013 | 31 939 | 5 41 | 13 0 |
| 10 30 | | 98 364 | 32 054 | 5 44 | 13 0 |
| 12 30 | | 98 725 | 32 172 | 5 37 | 13 0 |
| 14 30 | | 99 067 | 32 283 | 5 49 | 13 0 |
| 16 30 | 1620 14 | 99 418 | 32 397 | 5 20 | 13 0 |
| 18 30 | | 99 725 | 32 497 | 5 25 | 13 0 |
| 20 30 | | 100 122 | 32 627 | 5 65 | 13 0 |
| 22 30 | | 100 478 | 32 743 | 5 44 | 13 0 |
| ** June 17 1989 | | | | | |
| 00 30 | 1621 14 | 100 828 | 32 857 | 5 49 | 13 0 |
| 02 30 | | 101 177 | 32 971 | 5 33 | 13 0 |
| 04 30 | | 101 529 | 33 085 | 5 44 | 13 0 |
| 06 30 | | 101 891 | 33 203 | 5 57 | 13 0 |
| 08 30 | 1621 39 | 102 227 | 33 313 | 5 58 | 13 0 |
| 10 30 | | 102 572 | 33 425 | 5 33 | 13 0 |
| 12 30 | | 102 920 | 33 539 | 5 42 | 13 0 |
| 14 30 | | 103 270 | 33 653 | 5 31 | 13 0 |
| 16 30 | | 103 621 | 33 767 | 5 31 | 13 0 |
| 17 35 | | 103 821 | 33 832 | 5 30 | 13 0 |
| 19 10 | 1620 97 | 103 821 | 33 832 | 6 04 | 13 0 |
| 21 10 | | 104 150 | 33 939 | 5 60 | 13 0 |
| 23 10 | | 104 500 | 34 053 | 5 55 | 13 0 |
| ** June 18 1989 | | | | | |
| 01 10 | 1621 05 | 104 857 | 34 170 | 5 58 | 13 0 |
| 03 10 | | 105 209 | 34 284 | 5 57 | 13 0 |
| 05 10 | | 105 561 | 34 399 | 5 61 | 13 0 |
| 07 10 | 1621 10 | 105 913 | 34 514 | 5 63 | 13 0 |
| 09 10 | | 106 268 | 34 630 | 5 60 | 13 0 |
| 11 10 | | 106 614 | 34 742 | 5 62 | 13 0 |
| 13 10 | | 106 965 | 34 857 | 5 62 | 13 0 |
| 15 10 | 1621 64 | 107 321 | 34 973 | 5 63 | 13 0 |
| 17 15 | | 107 685 | 35 091 | 5 68 | 13 0 |
| 19 10 | | 108 082 | 35 221 | 5 63 | 13 0 |
| 21 10 | 1621 60 | 108 380 | 35 318 | 5 68 | 13 0 |
| 23 25 | 1643 43 | 108 465 | 35 345 | 5 41 | 14 0 |
| ** June 19 1989 | | | | | |
| 01 25 | | 108 808 | 35 457 | 5 48 | 13 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 03 25 | | 109 161 | 35 572 | 5 47 | 13 0 |
| 05 25 | | 109 511 | 35 686 | 5 53 | 13 0 |
| 07 25 | 1621 64 | 109 854 | 35 798 | 5 57 | 13 0 |
| 09 25 | | 110 205 | 35 913 | 5 61 | 13 0 |
| 11 25 | | 110 555 | 36 027 | 5 69 | 13 0 |
| 13 25 | | 110 904 | 36 140 | 6 71 | 13 0 |
| 15 25 | 1621 39 | 111 269 | 36 259 | 5 48 | 13 0 |
| 17 25 | | 111 628 | 36 376 | 5 59 | 13 0 |
| 18 20 | | 111 767 | 36 422 | | 13 0 |
| ** June 20 1989 | | | | | |
| 00 25 | 1642 47 | 111 767 | 36 422 | 5 24 | 18 0 |
| 02 25 | | 112 135 | 36 541 | 5 33 | 13 0 |
| 04 25 | | 112 471 | 36 651 | 5 48 | 13 0 |
| 06 25 | | 112 817 | 36 764 | 5 51 | 13 0 |
| 08 00 | 1619 89 | 113 085 | 36 851 | 5 48 | 12 0 |
| 22 00 | 1642 64 | 113 085 | 36 851 | 5 58 | 12 0 |
| 23 30 | 1620 10 | 113 333 | 36 932 | 5 57 | 13 0 |
| ** June 21 1989 | | | | | |
| 02 50 | 1643 26 | 113 333 | 36 932 | 5 28 | 13 0 |
| 04 50 | | 113 681 | 37 045 | 5 46 | 13 0 |
| 06 50 | | 114 027 | 37 158 | 5 44 | 13 0 |
| 08 50 | | 114 364 | 37 268 | 5 51 | 13 0 |
| 10 50 | | 114 707 | 37 380 | 5 93 | 13 0 |
| 12 50 | | 115 051 | 37 492 | 6 40 | 13 0 |
| 14 00 | 1618 64 | 115 244 | 37 555 | 6 38 | 13 0 |
| 15 45 | 1640 60 | 115 244 | 37 555 | 6 38 | 13 0 |
| 17 45 | | 115 600 | 37 671 | 6 39 | 13 0 |
| 17 50 | | 115 609 | 37 674 | | |
| 20 45 | 1640 85 | 115 609 | 37 674 | 6 36 | 13 0 |
| 22 30 | | 115 919 | 37 775 | 5 89 | 13 0 |
| ** June 22, 1989 | | | | | |
| 09 15 | 1639 53 | 116 026 | 37 809 | 5 54 | 12 0 |
| ** June 25 1989 | | | | | |
| 10 05 | | 122 189 | 39 818 | 5 56 | 13 0 |
| 12 05 | | 122 532 | 39 930 | 5 58 | 13 0 |
| 14 05 | | 122 876 | 40 042 | 5 64 | 13 0 |
| 16 05 | | 123 248 | 40 163 | 5 67 | 13 0 |
| 18 05 | | 123 580 | 40 271 | 5 68 | 13 0 |
| 20 05 | | 123 954 | 40 393 | 5 69 | 13 0 |
| 22 05 | | 124 260 | 40 493 | 5 57 | 13 0 |
| ** June 26 1989 | | | | | |
| 00 05 | 1623 12 | 124 625 | 40 612 | 5 55 | 15 0 |
| 02 05 | | 124 944 | 40 716 | 5 53 | 14 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 04 05 | | 125 288 | 40 828 | 5 53 | 15 0 |
| 06 05 | | 125 626 | 40 938 | 5 52 | 15 0 |
| 07 05 | | 125 846 | 41 009 | | |
| 07 55 | | 125 846 | 41 009 | 5 51 | 13 0 |
| 09 55 | | 126 170 | 41 115 | 5 54 | 13 0 |
| 11 55 | 1621 76 | 126 514 | 41 227 | 5 58 | 13 0 |
| 13 55 | | 126 870 | 41 343 | 5 62 | 13 0 |
| 15 45 | 1601 76 | 127 191 | 41 448 | 5 53 | 13 0 |
| 17 45 | | 127 525 | 41 557 | 5 56 | 13 0 |
| 19 45 | | 127 867 | 41 668 | 5 58 | 13 0 |
| 21 45 | | 128 211 | 41 780 | 5 54 | 13 0 |
| 23 45 | 1621 86 | 128 548 | 41 890 | 5 53 | 13 0 |
| ** June 27 1989 | | | | | |
| 01 45 | | 128 888 | 42 001 | 5 54 | 13 0 |
| 03 45 | | 129 231 | 42 113 | 5 47 | 13 0 |
| 05 45 | | 129 570 | 42 223 | 5 44 | 13 0 |
| 06 45 | 1622 05 | 129 904 | 42 332 | 5 50 | 13 0 |
| 08 00 | | 129 959 | 42 350 | 5 50 | 13 0 |
| 20 00 | 1644 47 | 129 959 | 42 350 | 5 59 | 13 0 |
| 22 00 | | 130 274 | 42 452 | 5 34 | 13 0 |
| ** June 28 1989 | | | | | |
| 00 00 | 1622 32 | 130 618 | 42 564 | 5 32 | 13 0 |
| 02 05 | | 130 973 | 42 680 | 6 05 | 13 0 |
| 04 00 | | 131 304 | 42 788 | 5 34 | 13 0 |
| 06 00 | | 131 644 | 42 899 | 5 06 | 16 0 |
| 08 00 | 1622 22 | 131 883 | 42 977 | 5 09 | 13 0 |
| 10 00 | | 132 331 | 43 123 | 5 02 | 13 0 |
| 12 00 | | 132 664 | 43 231 | 6 00 | 13 0 |
| 14 00 | | 133 009 | 43 344 | 5 85 | 13 0 |
| 16 00 | 1622 30 | 133 350 | 43 455 | | 13 0 |
| 18 00 | | 133 694 | 43 567 | 5 46 | 13 0 |
| 20 00 | | 134 041 | 43 680 | 5 47 | 13 0 |
| 21 40 | 1623 55 | 134 087 | 43 695 | 5 54 | 13 0 |
| 23 40 | 1619 36 | 134 425 | 43 805 | 5 46 | 13 0 |
| ** June 29, 1989 | | | | | |
| 01 40 | | 134 763 | 43 915 | 5 44 | 13 0 |
| 03 40 | | 135 101 | 44 025 | 5 41 | 13 0 |
| 04 06 | 1640 93 | 135 176 | 44 050 | 5 44 | 13 0 |
| 06 20 | 1699 17 | 135 176 | 44 050 | 5 41 | 13 0 |
| 06 50 | | 135 256 | 44 076 | 5 45 | 13 0 |
| 07 30 | 1623 32 | 135 256 | 44 076 | 5 46 | 13 0 |
| 09 30 | | 135 586 | 44 183 | 6 08 | 13 0 |
| 11 30 | | 135 940 | 44 299 | 6 14 | 13 0 |
| 13 30 | | 136 251 | 44 400 | 6 18 | 13 0 |
| 15 30 | 1622 47 | 136 540 | 44 494 | 5 62 | 13 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 17 30 | | 136 893 | 44 609 | 5 60 | 13 0 |
| 19 30 | | 137 240 | 44 722 | 5 54 | 13 0 |
| 21 30 | | 137 570 | 44 830 | 5 55 | 13 0 |
| 23 30 | | 137 903 | 44 938 | 5 54 | 13 0 |
| ** June 30 1989 | | | | | |
| 01 35 | | 138 262 | 45 055 | 5 55 | 13 0 |
| 03 30 | | 138 582 | 45 160 | 5 54 | 13 0 |
| 04 30 | 1622 53 | 138 760 | 45 218 | | 13 0 |
| 07 20 | 1623 30 | 138 760 | 45 218 | 5 14 | 13 0 |
| 09 40 | | 139 152 | 45 345 | 5 29 | 13 0 |
| ** July 5 1989 | | | | | |
| 08 15 | 1642 60 | 139 152 | 45 345 | 5 73 | 13 0 |
| 10 00 | | 139 429 | 45 436 | 5 73 | 13 0 |
| ** July 8, 1989 | | | | | |
| 14 15 | 1617 72 | 139 429 | 45 436 | 5 60 | 13 0 |
| 16 15 | | 139 741 | 45 537 | 5 59 | 13 0 |
| 18 15 | | 140 072 | 45 645 | 5 77 | 13 0 |
| 20 15 | | 140 411 | 45 756 | 6 00 | 13 0 |
| 22 15 | | 140 746 | 45 865 | 5 54 | 13 0 |
| ** July 9, 1989 | | | | | |
| 01 50 | 1617 16 | 141 063 | 45 968 | 5 69 | 13 0 |
| 02 15 | | 141 384 | 46 073 | 5 73 | 13 0 |
| 04 15 | | 141 719 | 46 182 | 5 73 | 13 0 |
| 06 15 | | 142 049 | 46 290 | 5 75 | 13 0 |
| 08 15 | 1619 18 | 142 373 | 46 395 | 5 74 | 13 0 |
| 10 00 | | 142 644 | 46 483 | 5 78 | 13 0 |
| 12 00 | | 142 923 | 46 574 | 6 48 | 13 0 |
| 14 00 | | 143 256 | 46 683 | 6 45 | 13 0 |
| 16 00 | 1616 72 | 143 590 | 46 792 | 6 06 | 13 0 |
| 18 00 | | 143 925 | 46 901 | 6 03 | 13 0 |
| 18 50 | 1636 39 | 144 043 | 46 939 | 6 02 | 13 0 |
| ** July 10, 1989 | | | | | |
| 17 55 | | 144 061 | 46 945 | | |
| ** July 13 1989 | | | | | |
| 11 07 | 1634 85 | 144 070 | 46 948 | 6 10 | 12 0 |
| 12 10 | | 144 238 | 47 003 | 5 80 | 13 0 |
| 21 00 | 1637 18 | 144 238 | 47 003 | 6 12 | 13 0 |
| 22 55 | | 144 546 | 47 103 | 6 00 | 13 0 |
| ** July 14, 1989 | | | | | |
| 00 55 | 1614 23 | 144 866 | 47 207 | 5 52 | 13 0 |
| 02 55 | | 145 184 | 47 311 | 5 83 | 13 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 04 55 | | 145 504 | 47 415 | 5 82 | 13 0 |
| 06 57 | | 145 823 | 47 519 | 5 84 | 13 0 |
| 09 00 | 1613 57 | 146 156 | 47 628 | 5 93 | 13 0 |
| 11 00 | | 146 476 | 47 732 | 5 82 | 13 0 |
| 13 00 | | 146 796 | 47 836 | 5 91 | 13 0 |
| 15 00 | | 147 110 | 47 939 | 5 98 | 13 0 |
| 17 00 | | 147 433 | 48 044 | 6 10 | 13 0 |
| 19 00 | | 147 746 | 48 146 | 5 95 | 13 0 |
| 21 00 | | 148 070 | 48 252 | 5 92 | 13 0 |
| 23 00 | | 148 380 | 48 353 | 5 91 | 13 0 |
| ** July 15, 1989 | | | | | |
| 01 00 | 1615 45 | 148 698 | 48 456 | 5 82 | 13 0 |
| 03 00 | | 149 028 | 48 564 | 5 80 | 13 0 |
| 05 00 | | 149 345 | 48 667 | 5 85 | 13 0 |
| 07 00 | | 149 665 | 48 771 | 5 61 | 13 0 |
| 09 00 | 1615 47 | 149 984 | 48 875 | 5 91 | 13 0 |
| 11 00 | | 150 310 | 48 982 | 5 86 | 13 0 |
| 13 00 | | 150 634 | 49 087 | 5 94 | 13 0 |
| 15 00 | | 150 938 | 49 186 | 6 01 | 13 0 |
| 16 15 | | 151 134 | 49 250 | 5 78 | 13 0 |
| ** July 16 1989 | | | | | |
| 00 50 | 1639 39 | 151 134 | 49 250 | 6 07 | 14 0 |
| 02 50 | | 151 454 | 49 354 | 5 76 | 13 0 |
| 04 56 | | 151 788 | 49 463 | 5 74 | 13 0 |
| 05 50 | | 152 092 | 49 562 | 5 36 | 13 0 |
| 08 50 | 1617 97 | 152 409 | 49 666 | 5 42 | 13 0 |
| 10 50 | | 152 726 | 49 769 | 5 51 | 13 0 |
| 12 50 | | 153 044 | 49 872 | 5 52 | 13 0 |
| 14 50 | | 153 364 | 49 977 | 5 55 | 13 0 |
| 16 50 | 1618 22 | 153 686 | 50 082 | 5 95 | 13 0 |
| 18 50 | | 154 010 | 50 187 | 6 19 | 13 0 |
| 20 50 | | 154 328 | 50 291 | 6 11 | 13 0 |
| 22 50 | | 154 651 | 50 396 | 5 24 | 13 0 |
| ** July 17 1989 | | | | | |
| 00 50 | 1618 39 | 154 966 | 50 499 | 5 34 | 13 0 |
| 02 50 | | 155 287 | 50 603 | 5 47 | 13 0 |
| 04 50 | | 155 606 | 50 707 | 5 75 | 13 0 |
| 05 35 | 1618 89 | 155 729 | 50 747 | 5 44 | 13 0 |
| 07 40 | | 155 729 | 50 747 | 5 64 | 13 0 |
| 09 40 | | 156 047 | 50 851 | 5 62 | 13 0 |
| 11 40 | 1618 77 | 156 366 | 50 955 | 5 61 | 13 0 |
| 13 40 | | 156 685 | 51 059 | 5 85 | 13 0 |
| 15 40 | 1618 89 | 157 030 | 51 171 | 5 96 | 13 0 |
| 17 40 | | 157 336 | 51 271 | 6 01 | 13 0 |
| 19 00 | | 157 550 | 51 341 | | |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 20 50 | 1640 47 | 157 550 | 51 341 | 5 60 | 13 0 |
| 22 50 | | 157 867 | 51 444 | 5 66 | 13 0 |
| 23 05 | | 157 911 | 51 458 | 5 22 | 13 0 |
| ** July 18 1989 | | | | | |
| 05 45 | | 158 221 | 51 559 | 5 40 | 13 0 |
| 20 00 | 1640 35 | 158 600 | 51 683 | 5 75 | 13 0 |
| 22 00 | | 158 925 | 51 789 | 5 72 | 13 0 |
| 23 45 | 1615 95 | 159 111 | 51 850 | 5 37 | 13 0 |
| ** July 19, 1989 | | | | | |
| 00 00 | 1617 97 | 159 238 | 51 891 | 5 41 | 13 0 |
| 02 00 | 1619 32 | 159 560 | 51 996 | 5 62 | 13 0 |
| 04 05 | 1640 89 | 159 560 | 51 996 | 5 83 | 13 0 |
| 06 05 | | 159 881 | 52 100 | 5 99 | 13 0 |
| 08 05 | 1619 42 | 160 173 | 52 196 | 6 38 | 13 0 |
| 10 05 | | 160 490 | 52 299 | 6 42 | 13 0 |
| 12 05 | | 160 822 | 52 407 | 6 48 | 13 0 |
| 14 05 | | 161 150 | 52 514 | 6 49 | 13 0 |
| 15 00 | 1640 97 | 161 337 | 52 575 | 6 07 | 13 0 |
| 16 55 | | 161 531 | 52 638 | 6 10 | 13 0 |
| 18 30 | 1641 22 | 161 531 | 52 638 | 5 60 | 13 0 |
| 20 30 | | 161 814 | 52 730 | 5 52 | 13 0 |
| 22 30 | | 162 124 | 52 831 | 5 62 | 13 0 |
| ** July 20 1989 | | | | | |
| 00 30 | 1619 55 | 162 458 | 52 940 | 5 85 | 13 0 |
| 02 30 | | 162 764 | 53 040 | 5 55 | 13 0 |
| 04 30 | | 163 079 | 53 143 | 5 66 | 13 0 |
| 05 00 | | 163 152 | 53 166 | | 13 0 |
| 07 00 | 1640 39 | 163 152 | 53 166 | 5 61 | 13 0 |
| 09 00 | 1619 82 | 163 453 | 53 264 | 5 68 | 13 0 |
| 11 00 | | 163 776 | 53 370 | 6 10 | 13 0 |
| 13 00 | | 164 094 | 53 473 | 6 08 | 13 0 |
| 15 00 | | 164 404 | 53 574 | 6 38 | 13 0 |
| 17 00 | 1619 55 | 164 722 | 53 678 | 5 84 | 13 0 |
| 19 00 | | 165 041 | 53 782 | 5 82 | 13 0 |
| 21 00 | | 165 353 | 53 884 | 5 81 | 13 0 |
| 23 00 | | 165 665 | 53 985 | 5 81 | 13 0 |
| ** July 21 1989 | | | | | |
| 01 00 | 1617 72 | 165 972 | 54 085 | 5 89 | 13 0 |
| 03 00 | | 166 279 | 54 185 | 5 49 | 13 0 |
| 05 00 | | 166 599 | 54 290 | 5 59 | 13 0 |
| 09 00 | | 167 231 | 54 496 | 5 82 | 13 0 |
| 11 00 | | 167 522 | 54 590 | 5 90 | 13 0 |
| 13 00 | | 167 837 | 54 693 | 5 94 | 13 0 |
| 15 00 | | 168 177 | 54 804 | 5 92 | 13 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 17 00 | 1618 62 | 168 498 | 54 908 | 5 76 | 13 0 |
| 19 00 | | 168 768 | 54 996 | 5 78 | 13 0 |
| 21 00 | | 169 076 | 55 097 | 5 76 | 13 0 |
| ** July 22 1989 | | | | | |
| 01 15 | 1617 89 | 169 729 | 55 310 | 5 61 | 13 0 |
| 03 15 | 1617 89 | 169 729 | 55 310 | 5 72 | 13 0 |
| 05 15 | | 170 038 | 55 410 | 5 88 | 13 0 |
| 07 15 | | 170 356 | 55 514 | 5 82 | 13 0 |
| 09 15 | | 170 655 | 55 611 | 5 70 | 13 0 |
| 11 15 | | 170 964 | 55 712 | 5 72 | 13 0 |
| 13 15 | | 171 264 | 55 810 | 6 21 | 13 0 |
| 15 15 | 1617 97 | 171 584 | 55 914 | 5 68 | 13 0 |
| 17 15 | | 171 908 | 56 020 | 5 65 | 13 0 |
| 19 15 | | 172 195 | 56 113 | 5 74 | 13 0 |
| 21 15 | | 172 515 | 56 217 | 5 35 | 13 0 |
| 23 15 | 1619 22 | 172 805 | 56 312 | 5 35 | 13 0 |
| ** July 23, 1989 | | | | | |
| 01 15 | | 173 115 | 56 413 | 5 30 | 13 0 |
| 03 15 | | 173 429 | 56 515 | 5 43 | 13 0 |
| 04 40 | 1617 68 | 173 429 | 56 515 | 5 45 | 13 0 |
| 06 40 | | 173 740 | 56 617 | 5 51 | 13 0 |
| 08 40 | 1617 89 | 174 041 | 56 715 | 5 60 | 13 0 |
| 10 40 | | 174 336 | 56 811 | 5 54 | 13 0 |
| 12 40 | | 174 651 | 56 914 | 5 51 | 13 0 |
| 14 40 | | 174 950 | 57 011 | 5 48 | 13 0 |
| 16 40 | 1617 64 | 175 261 | 57 112 | 5 63 | 13 0 |
| 18 00 | 1617 64 | 175 450 | 57 174 | 5 39 | 13 0 |
| ** July 24 1989 | | | | | |
| 02 30 | 1637 51 | 175 450 | 57 174 | 5 63 | 13 0 |
| 04 30 | | 175 744 | 57 270 | 5 61 | 13 0 |
| 17 40 | 1636 64 | 175 744 | 57 270 | 5 70 | 13 0 |
| 20 00 | | 176 095 | 57 384 | 5 62 | 13 0 |
| 22 00 | | 176 402 | 57 484 | 5 61 | 13 0 |
| ** July 25 1989 | | | | | |
| 00 00 | 1614 39 | 176 668 | 57 571 | 5 64 | 13 0 |
| 02 00 | | 176 994 | 57 677 | 5 67 | 13 0 |
| 04 00 | | 177 280 | 57 770 | 5 67 | 13 0 |
| 04 45 | 1633 10 | 177 280 | 57 770 | 5 69 | 13 0 |
| 06 45 | | 177 572 | 57 865 | 5 65 | 13 0 |
| 08 00 | 1613 64 | 177 762 | 57 927 | 5 65 | 13 0 |
| ** July 26 1989 | | | | | |
| 11 30 | 1614 97 | 177 762 | 57 927 | 5 64 | 13 0 |
| 13 30 | | 178 056 | 58 023 | 5 80 | 13 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 15 30 | 1614 89 | 178 401 | 58 136 | 5 64 | 13 0 |
| 17 55 | | 178 730 | 58 243 | 5 71 | 13 0 |
| 19 30 | | 178 960 | 58 318 | 5 74 | 13 0 |
| 21 30 | | 179 254 | 58 414 | 5 76 | 13 0 |
| 23 30 | 1615 28 | 179 555 | 58 512 | 5 63 | 15 0 |
| ** July 27 1989 | | | | | |
| 10 00 | 1615 28 | 179 658 | 58 545 | 5 82 | 15 0 |
| 10 25 | 1616 97 | 179 658 | 58 545 | 5 63 | 13 0 |
| 12 25 | | 179 948 | 58 640 | 5 83 | 13 0 |
| 14 25 | | 180 257 | 58 740 | 5 62 | 13 0 |
| 16 30 | | 180 572 | 58 843 | 5 73 | 13 0 |
| 18 30 | 1614 22 | 180 865 | 58 938 | 5 78 | 13 0 |
| 20 45 | | 181 195 | 59 046 | 5 43 | 13 0 |
| 22 30 | | 181 456 | 59 131 | 5 42 | 13 0 |
| ** July 28 1989 | | | | | |
| 00 30 | 1614 07 | 181 743 | 59 225 | 5 31 | 14 0 |
| 02 30 | | 182 035 | 59 320 | 5 54 | 14 0 |
| 04 30 | | 182 328 | 59 415 | 5 53 | 14 0 |
| 06 30 | | 182 621 | 59 511 | 5 61 | 14 0 |
| 08 30 | 1613 93 | 182 913 | 59 606 | 5 66 | 13 0 |
| 10 30 | | 183 192 | 59 697 | 6 48 | 13 0 |
| 12 30 | | 183 491 | 59 794 | 6 07 | 13 0 |
| 14 30 | | 183 780 | 59 888 | 5 39 | 13 0 |
| 16 30 | 1614 89 | 184 080 | 59 986 | 5 48 | 13 0 |
| 18 30 | | 184 366 | 60 079 | 5 49 | 13 0 |
| 20 30 | | 184 664 | 60 176 | 5 47 | 13 0 |
| 22 30 | | 184 947 | 60 269 | 5 49 | 13 0 |
| ** July 29, 1989 | | | | | |
| 00 30 | 1613 74 | 185 232 | 60 362 | 5 26 | 15 0 |
| 02 30 | | 185 518 | 60 455 | 5 48 | 15 0 |
| 04 30 | | 185 808 | 60 549 | 5 47 | 15 0 |
| 06 30 | | 186 089 | 60 641 | 5 47 | 15 0 |
| 08 30 | 1612 99 | 186 369 | 60 732 | 5 51 | 15 0 |
| 10 30 | | 186 651 | 60 824 | 5 59 | 15 0 |
| 12 30 | | 186 935 | 60 917 | 5 62 | 15 0 |
| 14 30 | | 187 218 | 61 009 | 6 04 | 15 0 |
| 16 30 | 1613 01 | 187 501 | 61 101 | 5 60 | 15 0 |
| 18 30 | | 187 785 | 61 193 | 5 46 | 15 0 |
| 20 30 | | 188 068 | 61 286 | 5 44 | 15 0 |
| 22 30 | | 188 350 | 61 378 | 5 40 | 15 0 |
| ** July 30 1989 | | | | | |
| 00 30 | 1615 18 | 188 529 | 61 436 | 5 38 | 15 0 |
| 02 30 | | 188 925 | 61 565 | 5 23 | 15 0 |
| 04 30 | | 189 230 | 61 664 | 5 48 | 16 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 05 15 | | 189 304 | 61 688 | 5 46 | 16 0 |
| 07 00 | 1633 22 | 189 304 | 61 688 | 5 46 | 16 0 |
| 09 00 | 1634 22 | 189 598 | 61 784 | 5 92 | 16 0 |
| 21 50 | 1633 22 | 189 633 | 61 796 | 6 02 | 16 0 |
| ** July 31, 1989 | | | | | |
| 00 45 | 1638 55 | 189 633 | 61 796 | 5 59 | 15 0 |
| 02 45 | | 189 915 | 61 888 | 5 49 | 15 0 |
| 04 45 | | 190 196 | 61 979 | 5 57 | 14 0 |
| 06 45 | | 190 495 | 62 077 | 5 53 | 14 0 |
| 08 45 | | 190 768 | 62 166 | 5 58 | 14 0 |
| 10 45 | 1617 41 | 191 046 | 62 256 | 5 62 | 13 0 |
| 12 45 | | 191 330 | 62 349 | 5 78 | 13 0 |
| 14 45 | | 191 618 | 62 443 | 5 91 | 13 0 |
| 16 45 | 1616 80 | 191 905 | 62 536 | 5 26 | 13 0 |
| 18 45 | | 192 189 | 62 629 | 5 63 | 13 0 |
| 20 45 | | 192 468 | 62 720 | 5 64 | 13 0 |
| 22 45 | | 192 752 | 62 812 | 5 38 | 13 0 |
| ** August 1 1989 | | | | | |
| 00 45 | 1615 51 | 193 023 | 62 900 | 5 42 | 15 0 |
| 02 45 | | 193 302 | 62 991 | 5 32 | 15 0 |
| 04 45 | | 193 581 | 63 082 | 5 38 | 15 0 |
| 06 45 | | 193 859 | 63 173 | 5 33 | 14 0 |
| 08 00 | | 194 024 | 63 227 | 5 62 | 14 0 |
| 20 00 | 1635 14 | 194 024 | 63 227 | 5 73 | 13 0 |
| 22 00 | | 194 294 | 63 315 | 6 01 | 13 0 |
| ** August 2, 1989 | | | | | |
| 00 00 | 1615 45 | 194 561 | 63 402 | 5 86 | 14 0 |
| 02 00 | | 194 836 | 63 491 | 5 81 | 15 0 |
| 04 00 | | 195 110 | 63 580 | 5 85 | 15 0 |
| 06 00 | | 195 385 | 63 670 | 5 83 | 15 0 |
| 08 00 | 1615 72 | 195 653 | 63 757 | 6 16 | 15 0 |
| 10 00 | | 195 972 | 63 861 | 6 15 | 15 0 |
| 12 00 | | 196 200 | 63 936 | 5 97 | 15 0 |
| 13 13 | | 196 392 | 63 998 | 5 98 | 15 0 |
| ** August 3 1989 | | | | | |
| 07 45 | 1615 89 | 196 392 | 63 998 | 5 87 | 15 0 |
| 09 45 | | 196 593 | 64 064 | 5 62 | 15 0 |
| 11 45 | | 196 866 | 64 153 | 6 42 | 15 0 |
| 13 45 | | 197 188 | 64 258 | 5 34 | 15 0 |
| 15 45 | 1614 10 | 197 409 | 64 330 | 5 72 | 17 0 |
| 17 45 | | 197 704 | 64 426 | 5 82 | 17 0 |
| 19 45 | | 197 953 | 64 507 | 5 84 | 17 0 |
| 22 00 | | 198 254 | 64 605 | 5 83 | 17 0 |
| 23 45 | 1614 24 | 198 485 | 64 680 | 5 68 | 15 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** August 4, 1989 | | | | | |
| 01 45 | | 198 757 | 64 769 | 5 77 | 15 0 |
| 03 45 | | 199 028 | 64 857 | 5 72 | 15 0 |
| 05 45 | | 199 296 | 64 945 | 5 86 | 15 0 |
| 07 45 | 1614 48 | 199 563 | 65 032 | 5 95 | 15 0 |
| 09 45 | | 199 831 | 65 119 | | |
| 11 45 | | 200 112 | 65 210 | 5 42 | 15 0 |
| 13 45 | | 200 392 | 65 302 | 5 38 | 15 0 |
| 16 30 | 1615 39 | 200 763 | 65 423 | 5 36 | 15 0 |
| 16 40 | | 200 763 | 65 423 | | |
| ** August 5, 1989 | | | | | |
| 05 20 | 1634 82 | 200 763 | 65 423 | 5 85 | 15 0 |
| 06 30 | 1615 87 | 200 918 | 65 473 | 5 84 | 15 0 |
| 08 40 | 1616 47 | 200 918 | 65 473 | 5 92 | 15 0 |
| 10 40 | | 201 184 | 65 560 | 5 68 | 15 0 |
| 12 40 | | 201 447 | 65 646 | 5 54 | 15 0 |
| 14 40 | | 201 719 | 65 734 | 5 42 | 15 0 |
| 16 40 | 1613 97 | 201 983 | 65 820 | 5 59 | 15 0 |
| 18 40 | | 202 248 | 65 907 | 5 63 | 15 0 |
| 20 40 | | 202 490 | 65 985 | 5 69 | 15 0 |
| 22 40 | | 202 764 | 66 075 | 5 65 | 15 0 |
| ** August 6, 1989 | | | | | |
| 00 40 | 1614 28 | 203 040 | 66 165 | 5 56 | 13 0 |
| 02 40 | | 203 300 | 66 249 | 5 57 | 13 0 |
| 04 40 | | 203 562 | 66 335 | 5 32 | 13 0 |
| 06 40 | | 203 824 | 66 420 | 5 57 | 13 0 |
| 09 40 | 1613 89 | 204 080 | 66 504 | 5 58 | 13 0 |
| 10 40 | | 204 241 | 66 556 | 5 80 | 13 0 |
| 12 40 | | 204 603 | 66 674 | 5 93 | 13 0 |
| 14 40 | | 204 860 | 66 758 | 5 95 | 13 0 |
| 16 40 | 1613 64 | 205 130 | 66 846 | 5 64 | 15 0 |
| 18 40 | | 205 382 | 66 928 | 5 47 | 15 0 |
| 20 40 | | 205 642 | 67 013 | 5 57 | 15 0 |
| 22 40 | | 205 899 | 67 096 | 5 78 | 15 0 |
| ** August 7 1989 | | | | | |
| 00 40 | 1613 72 | 206 157 | 67 180 | 5 68 | 11 0 |
| 02 40 | | 206 413 | 67 264 | 5 63 | 11 0 |
| 04 40 | | 206 672 | 67 348 | 5 61 | 10 0 |
| 06 40 | | 206 926 | 67 431 | 5 62 | 10 0 |
| 07 35 | | 207 048 | 67 471 | 5 73 | 10 0 |
| 08 10 | | 207 048 | 67 471 | 5 73 | 10 0 |
| 10 10 | | 207 299 | 67 553 | 5 88 | 10 0 |
| 12 10 | | 207 555 | 67 636 | 5 87 | 10 0 |
| 14 10 | | 207 811 | 67 719 | 5 92 | 10 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 16 10 | 1613 47 | 208 076 | 67 806 | 5 76 | 14 0 |
| 18 10 | | 208 326 | 67 887 | 5 80 | 14 0 |
| 20 30 | | 208 622 | 67 984 | 5 80 | 13 0 |
| 22 30 | | 208 875 | 68 066 | 5 78 | 13 0 |
| ** August 8, 1989 | | | | | |
| 00 10 | 1612 91 | 209 080 | 68 133 | 5 77 | 13 0 |
| 02 10 | | 209 334 | 68 216 | 5 60 | 12 0 |
| 04 30 | | 209 582 | 68 296 | 5 78 | 12 0 |
| 06 10 | | 209 832 | 68 378 | 5 76 | 12 0 |
| 08 00 | | 210 056 | 68 451 | 5 88 | 12 0 |
| 10 50 | | 210 056 | 68 451 | 5 71 | 13 0 |
| 22 50 | 1614 30 | 210 056 | 68 451 | | 13 0 |
| ** August 9 1989 | | | | | |
| 00 50 | 1613 12 | 210 289 | 68 527 | 5 56 | 13 0 |
| 02 50 | | 210 536 | 68 607 | 5 77 | 13 0 |
| 04 50 | | 210 779 | 68 687 | 5 57 | 10 0 |
| 06 50 | | 211 024 | 68 766 | 5 67 | 13 0 |
| 08 50 | 1612 72 | 211 267 | 68 846 | 5 51 | 13 0 |
| 12 50 | | 211 750 | 69 003 | 6 09 | 13 0 |
| 14 50 | | 211 991 | 69 082 | 6 23 | 13 0 |
| 16 50 | 1613 64 | 212 239 | 69 162 | 5 69 | 13 0 |
| 18 50 | | 212 488 | 69 243 | 5 56 | 13 0 |
| 20 50 | | 212 725 | 69 321 | 5 85 | 13 0 |
| 22 50 | | 212 967 | 69 400 | 6 21 | 13 0 |
| ** August 10 1989 | | | | | |
| 00 50 | 1614 22 | 213 205 | 69 477 | 5 76 | 13 0 |
| 02 50 | | 213 447 | 69 556 | 5 57 | 12 0 |
| 04 50 | | 213 687 | 69 634 | 5 61 | 12 0 |
| 06 50 | | 213 929 | 69 713 | 5 59 | 13 0 |
| 08 50 | 1614 37 | 214 169 | 69 791 | 5 74 | 13 0 |
| 10 50 | | 214 426 | 69 875 | 5 68 | 13 0 |
| 12 50 | | 214 652 | 69 949 | 5 46 | 13 0 |
| 14 50 | | 214 879 | 70 023 | 5 63 | 13 0 |
| 16 45 | 1614 39 | 215 107 | 70 097 | 5 78 | 13 0 |
| 18 45 | | 215 340 | 70 173 | 5 64 | 13 0 |
| 20 45 | | 215 575 | 70 249 | 5 46 | 13 0 |
| 22 45 | | 215 810 | 70 326 | 5 48 | 13 0 |
| 23 35 | 1614 47 | 215 905 | 70 357 | 5 47 | 13 0 |
| ** August 11 1989 | | | | | |
| 01 10 | 1634 80 | 215 905 | 70 357 | 5 43 | 13 0 |
| 03 10 | | 216 131 | 70 431 | 5 72 | 13 0 |
| 05 10 | | 216 363 | 70 506 | 5 71 | 13 0 |
| 07 10 | 1614 07 | 216 607 | 70 586 | 5 62 | 13 0 |
| 09 10 | | 216 929 | 70 691 | 5 75 | 13 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 11 10 | | 217 058 | 70 733 | 5 81 | 13 0 |
| 13 10 | | 217 284 | 70 806 | 5 80 | 13 0 |
| 15 15 | 1615 05 | 217 521 | 70 884 | 5 89 | 13 0 |
| 17 30 | | 217 788 | 70 971 | 5 19 | 13 0 |
| 19 30 | | 218 015 | 71 045 | 5 71 | 13 0 |
| 21 30 | | 218 241 | 71 118 | 5 70 | 13 0 |
| ** August 12 1989 | | | | | |
| 14 60 | | 218 408 | 71 173 | 5 52 | 15 0 |
| 15 00 | 1635 22 | 218 461 | 71 190 | 5 83 | 19 0 |
| 17 00 | | 218 675 | 71 260 | 5 62 | 19 0 |
| 21 00 | | 219 142 | 71 412 | 5 58 | 18 0 |
| 23 00 | 1614 22 | 219 355 | 71 481 | 5 94 | 13 0 |
| ** August 13 1989 | | | | | |
| 01 00 | | 219 588 | 71 557 | 5 55 | 15 0 |
| 03 00 | | 219 808 | 71 629 | 5 57 | 13 0 |
| 05 00 | | 220 031 | 71 702 | 5 78 | 13 0 |
| 07 00 | 1614 64 | 220 254 | 71 774 | 5 94 | 13 0 |
| 09 00 | | 220 470 | 71 845 | 6 04 | 13 0 |
| 11 00 | | 220 692 | 71 917 | 6 08 | 13 0 |
| 13 00 | | 220 919 | 71 991 | | |
| 15 00 | | 221 132 | 72 060 | 5 97 | 15 0 |
| 17 00 | | 221 361 | 72 135 | 5 57 | 15 0 |
| 19 00 | | 221 564 | 72 201 | 5 57 | 13 0 |
| 21 00 | | 221 810 | 72 281 | 5 53 | 13 0 |
| 23 00 | 1615 01 | 222 007 | 72 345 | 6 62 | 13 0 |
| ** August 14 1989 | | | | | |
| 01 00 | | 222 222 | 72 415 | 6 64 | 15 0 |
| 03 00 | | 222 434 | 72 485 | 6 66 | 15 0 |
| 05 00 | | 222 649 | 72 555 | 6 66 | 15 0 |
| 07 00 | | 222 861 | 72 624 | 6 65 | 15 0 |
| 09 00 | 1614 97 | 223 069 | 72 691 | 5 93 | 13 0 |
| 11 00 | | 223 282 | 72 761 | 5 90 | 13 0 |
| 13 00 | | 223 491 | 72 829 | 5 97 | 15 0 |
| 15 00 | | 223 701 | 72 897 | 5 94 | 15 0 |
| 17 00 | 1615 14 | 223 920 | 72 969 | 5 98 | 15 0 |
| 19 00 | | 224 127 | 73 036 | 5 95 | 15 0 |
| 21 00 | | 224 330 | 73 102 | 5 85 | 15 0 |
| 22 45 | | 224 513 | 73 162 | 5 89 | 13 0 |
| ** August 15 1989 | | | | | |
| 00 45 | 1615 55 | 224 715 | 73 228 | 5 70 | 13 0 |
| 02 45 | | 224 921 | 73 295 | 5 70 | 13 0 |
| 04 45 | | 225 128 | 73 362 | 5 70 | 13 0 |
| 06 45 | | 225 333 | 73 429 | 5 84 | 13 0 |
| 08 00 | 1615 47 | 225 454 | 73 469 | 5 86 | 13 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 20 00 | 1629 92 | 225 454 | 73 469 | 5 89 | 13 0 |
| 22 00 | | 225 652 | 73 533 | 5 87 | 13 0 |
| ** August 16, 1989 | | | | | |
| 00 00 | 1615 97 | 225 850 | 73 598 | 5 88 | 13 0 |
| 02 00 | | 226 046 | 73 662 | 5 88 | 13 0 |
| 04 00 | | 226 242 | 73 725 | 5 88 | 13 0 |
| 06 00 | | 226 440 | 73 790 | 5 88 | 13 0 |
| 08 00 | 1615 90 | 226 634 | 73 853 | 5 98 | 20 0 |
| 08 30 | | 226 693 | 73 872 | 5 98 | 20 0 |
| 10 00 | | 226 693 | 73 872 | 6 14 | 20 0 |
| 12 00 | | 226 929 | 73 949 | 6 04 | 13 0 |
| 14 00 | | 227 127 | 74 014 | 6 06 | 13 0 |
| 16 00 | 1616 22 | 227 371 | 74 093 | 6 11 | 13 0 |
| 18 00 | | 227 529 | 74 145 | 6 00 | 13 0 |
| 20 00 | | 227 773 | 74 224 | 5 97 | 13 0 |
| 22 00 | | 227 932 | 74 276 | 5 94 | 13 0 |
| ** August 17 1989 | | | | | |
| 00 00 | 1616 55 | 228 125 | 74 339 | 5 93 | 13 0 |
| 02 00 | | 228 316 | 74 401 | 5 91 | 13 0 |
| 04 00 | | 228 516 | 74 467 | 5 90 | 13 0 |
| 06 00 | | 228 710 | 74 530 | 5 83 | 13 0 |
| 08 00 | 1616 12 | 228 903 | 74 593 | 5 93 | 13 0 |
| 10 00 | | 229 097 | 74 656 | 5 99 | 13 0 |
| 12 00 | | 229 289 | 74 718 | 5 90 | 13 0 |
| 14 00 | | 229 481 | 74 781 | 6 24 | 13 0 |
| 16 00 | 1616 22 | 229 572 | 74 811 | 6 11 | 13 0 |
| 22 00 | | 230 254 | 75 033 | 8 60 | 13 0 |
| ** August 18 1989 | | | | | |
| 00 00 | 1618 57 | 230 435 | 75 092 | 5 82 | 13 0 |
| 02 00 | | 230 625 | 75 154 | 5 91 | 13 0 |
| 04 00 | | 230 816 | 75 216 | 5 89 | 13 0 |
| 06 00 | | 231 010 | 75 279 | 5 89 | 13 0 |
| 08 00 | 1616 69 | 231 187 | 75 337 | 6 02 | 13 0 |
| 10 00 | | 231 373 | 75 398 | 5 98 | 13 0 |
| 12 00 | | 231 517 | 75 444 | 6 03 | 13 0 |
| 14 22 | | 231 756 | 75 522 | 6 18 | 13 0 |
| 16 00 | 1616 89 | 231 926 | 75 578 | 5 98 | 13 0 |
| 18 00 | | 232 113 | 75 639 | 6 00 | 13 0 |
| 20 00 | | 232 302 | 75 700 | 5 94 | 13 0 |
| 22 00 | | 232 492 | 75 762 | 5 94 | 13 0 |
| ** August 19 1989 | | | | | |
| 00 00 | 1617 80 | 232 667 | 75 819 | 5 91 | 13 0 |
| 00 45 | | 232 727 | 75 839 | 5 91 | 13 0 |
| 09 55 | | 232 736 | 75 842 | | |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 10 30 | 1618 97 | 232 736 | 75 842 | 5 91 | 13 0 |
| 18 30 | | 232 912 | 75 899 | 5 97 | 13 0 |
| 20 30 | | 233 091 | 75 957 | 5 57 | 13 0 |
| 22 30 | | 233 270 | 76 016 | 5 80 | 13 0 |
| ** August 20 1989 | | | | | |
| 00 30 | 1606 89 | 233 447 | 76 073 | 5 82 | 13 0 |
| 02 30 | | 233 621 | 76 130 | 5 68 | 13 0 |
| 04 30 | | 233 807 | 76 191 | 6 08 | 13 0 |
| 06 30 | | 233 989 | 76 250 | 6 10 | |
| 08 30 | 1618 72 | 234 189 | 76 315 | 5 49 | 13 0 |
| 10 30 | | 234 374 | 76 375 | 6 12 | 13 0 |
| 11 25 | 1618 72 | 234 395 | 76 382 | 6 16 | 12 0 |
| ** August 24 1989 | | | | | |
| 14 00 | | 234 395 | 76 382 | | |
| 15 00 | 1620 62 | 234 463 | 76 404 | 5 79 | 13 0 |
| 17 15 | | 234 659 | 76 468 | 5 89 | 13 0 |
| 19 15 | | 234 839 | 76 527 | 5 88 | 13 0 |
| 21 15 | | 235 012 | 76 583 | 5 02 | 13 0 |
| 23 15 | 1618 14 | 235 188 | 76 641 | 5 94 | 14 0 |
| ** August 25 1989 | | | | | |
| 01 15 | | 235 364 | 76 698 | 5 89 | 14 0 |
| 03 15 | | 235 538 | 76 755 | 5 87 | 14 0 |
| 05 15 | | 235 713 | 76 812 | 5 94 | 14 0 |
| 07 15 | | 235 889 | 76 869 | 5 80 | 14 0 |
| 09 15 | 1617 73 | 236 061 | 76 925 | 5 82 | 14 0 |
| 09 30 | | 236 081 | 76 932 | | |
| 11 10 | 1619 14 | 236 181 | 76 964 | | |
| 12 10 | | 236 247 | 76 986 | 5 10 | 15 0 |
| 14 10 | | 236 419 | 77 042 | 5 54 | 15 0 |
| 16 10 | 1617 92 | 236 594 | 77 099 | 5 39 | 15 0 |
| 18 30 | | 236 787 | 77 162 | 5 42 | 15 0 |
| 20 30 | | 236 961 | 77 218 | 5 45 | 15 0 |
| 22 30 | | 237 127 | 77 273 | 5 71 | 15 0 |
| ** August 26 1989 | | | | | |
| 00 10 | 1618 14 | 237 266 | 77 318 | 6 00 | 14 0 |
| 02 10 | | 237 431 | 77 372 | 5 61 | 14 0 |
| 04 10 | | 237 599 | 77 426 | 5 94 | 14 0 |
| 06 10 | | 237 736 | 77 471 | 5 90 | 14 0 |
| 08 10 | 1618 52 | 237 937 | 77 537 | 5 96 | 14 0 |
| 11 10 | | 238 122 | 77 597 | 5 98 | 14 0 |
| 12 10 | | 238 231 | 77 632 | 6 02 | 15 0 |
| 14 10 | | 238 427 | 77 696 | 6 08 | 15 0 |
| 16 10 | 1618 22 | 238 606 | 77 755 | 5 88 | 13 0 |
| 18 30 | | 238 782 | 77 812 | 5 93 | 13 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 20 30 | | 238 938 | 77 863 | 5 93 | 13 0 |
| 22 30 | | 239 111 | 77 919 | | |
| ** August 27 1989 | | | | | |
| 00 14 | 1618 05 | 239 248 | 77 964 | 5 87 | 14 0 |
| 02 27 | | 239 427 | 78 022 | 5 88 | 13 0 |
| 04 10 | | 239 562 | 78 066 | 5 54 | 13 0 |
| 06 10 | | 239 723 | 78 119 | 5 91 | 13 0 |
| 08 20 | 1618 80 | 239 905 | 78 178 | 6 02 | 13 0 |
| 10 20 | | 240 062 | 78 229 | 6 03 | 13 0 |
| 12 20 | | 240 214 | 78 279 | 5 93 | 13 0 |
| 14 20 | | 240 322 | 78 314 | 6 00 | 13 0 |
| 16 20 | 1619 80 | 240 557 | 78 390 | 6 05 | 13 0 |
| 18 20 | | 240 703 | 78 438 | 6 22 | 13 0 |
| 20 20 | | 240 803 | 78 470 | 5 75 | 15 0 |
| 22 20 | | 241 021 | 78 542 | 5 75 | 13 0 |
| ** August 28 1989 | | | | | |
| 00 20 | 1621 39 | 241 170 | 78 590 | 5 87 | 13 0 |
| 02 20 | | 241 338 | 78 645 | 5 89 | 13 0 |
| 04 20 | | 241 496 | 78 696 | 5 90 | 13 0 |
| 06 20 | | 241 656 | 78 748 | 5 86 | 13 0 |
| 08 20 | 1621 27 | 241 811 | 78 799 | 5 85 | 13 0 |
| 10 20 | | 241 948 | 78 844 | 5 85 | 13 0 |
| 12 20 | | 242 120 | 78 900 | 5 88 | 13 0 |
| 14 20 | | 242 298 | 78 958 | 5 68 | 13 0 |
| 16 20 | 1623 02 | 242 435 | 79 002 | 5 90 | 15 0 |
| 18 20 | | 242 591 | 79 053 | 5 91 | 15 0 |
| 20 20 | | 242 748 | 79 104 | 5 90 | 15 0 |
| 22 20 | | 242 904 | 79 155 | 5 92 | 15 0 |
| ** August 29, 1989 | | | | | |
| 00 20 | 1623 72 | 243 058 | 79 205 | 5 72 | 13 0 |
| 02 20 | | 243 213 | 79 256 | 5 82 | 13 0 |
| 04 20 | | 243 355 | 79 302 | 5 83 | 13 0 |
| 06 20 | | 243 515 | 79 354 | 5 90 | 13 0 |
| 08 00 | 1623 82 | 243 647 | 79 397 | | 13 0 |
| 20 15 | 1634 51 | 243 647 | 79 397 | 5 76 | 13 0 |
| 22 15 | | 243 797 | 79 446 | 5 89 | 13 0 |
| ** August 30 1989 | | | | | |
| 00 15 | 1624 30 | 243 947 | 79 495 | 5 92 | 13 0 |
| 02 15 | | 244 100 | 79 545 | 5 81 | 13 0 |
| 04 15 | | 244 251 | 79 594 | 5 75 | 14 0 |
| 06 15 | | 244 402 | 79 643 | 5 74 | 14 0 |
| 08 15 | 1624 89 | 244 557 | 79 694 | 5 94 | 14 0 |
| 10 15 | | 244 734 | 79 751 | | 13 0 |
| 12 15 | | 244 850 | 79 789 | 6 90 | |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 14 15 | | 245 002 | 79 839 | 5 99 | 13 0 |
| 16 15 | | 245 126 | 79 879 | 5 90 | 14 0 |
| 18 00 | 1625 10 | 245 227 | 79 912 | 5 93 | 14 0 |
| 19 30 | 1625 10 | 245 336 | 79 948 | 5 92 | 14 0 |
| ** September 6 1989 | | | | | |
| 20 05 | | 245 571 | 80 024 | | |
| 20 35 | | 245 644 | 80 048 | | |
| 21 05 | | 245 728 | 80 075 | | |
| 21 35 | | 245 808 | 80 101 | | |
| 22 05 | | 245 891 | 80 129 | | |
| 22 35 | | 245 973 | 80 155 | | |
| 23 05 | | 246 073 | 80 188 | | |
| ** September 7 1989 | | | | | |
| 00 05 | | 246 223 | 80 237 | 5 76 | 14 9 |
| 00 35 | 1616 50 | 246 310 | 80 265 | 5 74 | 14 5 |
| 01 05 | 1616 50 | 246 383 | 80 289 | 5 72 | 14 7 |
| 01 35 | 1616 70 | 246 466 | 80 316 | 5 66 | 14 7 |
| 02 05 | 1616 60 | 246 548 | 80 343 | 5 73 | 15 4 |
| 03 05 | 1617 00 | 246 714 | 80 397 | 5 75 | 14 7 |
| 05 05 | | 247 040 | 80 503 | 5 69 | 14 5 |
| 07 05 | 1616 50 | 247 371 | 80 611 | | 14 2 |
| 09 05 | | 247 699 | 80 718 | 5 56 | 14 4 |
| 11 05 | | 248 037 | 80 828 | 6 00 | 16 1 |
| 13 05 | | 248 362 | 80 934 | 6 08 | 14 4 |
| 15 05 | 1616 60 | 248 682 | 81 038 | 5 99 | 15 0 |
| 17 33 | | 249 102 | 81 175 | 5 80 | 14 4 |
| 19 05 | | 249 540 | 81 318 | 5 78 | 14 2 |
| 21 05 | | 249 618 | 81 343 | 5 78 | 14 2 |
| 23 35 | | 249 750 | 81 386 | 6 07 | 15 5 |
| ** September 8 1989 | | | | | |
| 03 05 | 1616 30 | 250 021 | 81 474 | 5 77 | 14 0 |
| 04 05 | | 250 341 | 81 579 | 5 87 | 14 0 |
| 05 05 | | 250 671 | 81 686 | 5 61 | 13 0 |
| 06 05 | | 251 001 | 81 794 | 5 61 | 13 0 |
| 07 05 | 1616 10 | 251 341 | 81 904 | 5 90 | 13 0 |
| 09 05 | | 251 656 | 82 007 | 5 90 | 13 0 |
| 11 05 | | 251 983 | 82 114 | 5 93 | 13 0 |
| 13 05 | | 252 335 | 82 228 | 5 93 | |
| 14 00 | | 252 455 | 82 268 | 6 23 | |
| 14 45 | | 252 455 | 82 268 | 6 23 | |
| 16 25 | 1616 60 | 252 770 | 82 370 | 5 70 | 13 0 |
| 18 25 | | 253 055 | 82 463 | 5 77 | 13 0 |
| 20 25 | | 253 397 | 82 574 | 5 72 | 13 1 |
| 22 25 | | 253 724 | 82 681 | 5 94 | |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** September 9, 1989 | | | | | |
| 00 25 | 1616 80 | 254 045 | 82 786 | 6 01 | 12 0 |
| 02 25 | | 254 361 | 82 889 | 6 14 | 12 0 |
| 04 25 | | 254 696 | 82 998 | 5 98 | 12 4 |
| 06 25 | | 255 023 | 83 104 | 6 15 | 12 0 |
| 08 25 | 1616 70 | 255 347 | 83 210 | 5 90 | 12 0 |
| 10 25 | | 255 685 | 83 320 | 5 94 | 12 0 |
| 12 25 | | 256 010 | 83 426 | 6 07 | 12 0 |
| 14 25 | | 256 328 | 83 530 | 6 19 | 12 0 |
| 16 25 | 1616 70 | 256 589 | 83 615 | 5 87 | 12 0 |
| 18 25 | | 256 971 | 83 739 | 5 86 | 12 0 |
| 20 25 | | 257 289 | 83 843 | 5 81 | 12 0 |
| 22 25 | | 257 610 | 83 947 | 5 80 | 12 0 |
| ** September 10, 1989 | | | | | |
| 00 25 | 1617 40 | 257 947 | 84 057 | 6 33 | 11 0 |
| 02 25 | | 258 278 | 84 165 | 6 21 | 11 0 |
| 04 25 | | 258 596 | 84 269 | 6 02 | 11 0 |
| 06 25 | | 258 920 | 84 374 | 6 33 | 11 0 |
| 08 25 | 1617 20 | 259 235 | 84 477 | 6 06 | 14 0 |
| 10 25 | | 259 562 | 84 583 | 6 02 | 14 2 |
| 12 25 | | 259 893 | 84 691 | 6 13 | 14 2 |
| 14 25 | | 260 200 | 84 791 | 5 91 | 14 0 |
| 16 25 | 1612 20 | 260 520 | 84 896 | 5 86 | 14 0 |
| 18 25 | | 260 861 | 85 007 | 5 85 | 14 0 |
| 20 25 | | 261 160 | 85 104 | 5 87 | 14 0 |
| 22 25 | | 261 492 | 85 212 | 5 79 | 14 0 |
| ** September 11, 1989 | | | | | |
| 00 25 | 1617 30 | 261 810 | 85 316 | 5 97 | 12 0 |
| 02 25 | | 262 128 | 85 420 | 5 99 | 12 0 |
| 04 25 | | 262 448 | 85 524 | 5 96 | 12 0 |
| 06 25 | | 262 767 | 85 628 | 5 92 | 12 0 |
| 08 25 | 1617 40 | 263 086 | 85 732 | 5 92 | 12 0 |
| 10 25 | | 263 403 | 85 835 | 5 97 | 12 0 |
| 12 25 | | 263 730 | 85 942 | 6 15 | 12 0 |
| 14 25 | | 264 042 | 86 043 | 6 18 | 12 0 |
| 16 25 | 1617 60 | 264 357 | 86 146 | 6 16 | 13 0 |
| 18 25 | | 264 670 | 86 248 | 6 00 | 13 0 |
| 20 25 | | 264 992 | 86 353 | 5 98 | 13 0 |
| 22 25 | | 265 310 | 86 457 | 5 96 | 13 0 |
| ** September 12 1989 | | | | | |
| 00 25 | 1619 00 | 265 622 | 86 558 | 5 98 | 12 0 |
| 02 30 | | 265 947 | 86 664 | 5 97 | 12 0 |
| 04 25 | | 266 247 | 86 762 | 5 99 | 12 0 |
| 06 25 | | 266 561 | 86 864 | 6 02 | 12 0 |
| 08 00 | 1618 00 | 266 785 | 86 937 | 5 98 | 14 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 20 00 | 1637 80 | 266 814 | 86 947 | 5 98 | 14 0 |
| 22 00 | | 267 123 | 87 047 | 5 90 | 14 0 |
| ** September 13 1989 | | | | | |
| 00 00 | 1618 20 | 267 431 | 87 148 | 6 05 | 12 0 |
| 02 00 | | 267 749 | 87 251 | 6 22 | 12 0 |
| 04 00 | | 268 056 | 87 351 | 5 95 | 12 0 |
| 06 00 | | 268 372 | 87 454 | 5 92 | 11 0 |
| 08 00 | 1618 40 | 268 748 | 87 577 | 5 87 | 11 0 |
| 10 00 | | 268 991 | 87 656 | 5 95 | 11 0 |
| 12 00 | | 269 306 | 87 759 | 6 06 | 12 0 |
| 14 00 | | 269 608 | 87 857 | 6 33 | 11 0 |
| 16 00 | 1618 50 | 269 926 | 87 961 | 6 00 | 13 0 |
| 18 12 | | 270 268 | 88 072 | 6 05 | 12 0 |
| 20 00 | | 270 560 | 88 167 | 6 02 | 12 0 |
| 22 00 | | 270 852 | 88 263 | 6 08 | 10 0 |
| ** September 14, 1989 | | | | | |
| 00 00 | 1618 50 | 271 160 | 88 363 | 5 90 | 10 0 |
| 02 00 | | 271 466 | 88 463 | 5 97 | 10 0 |
| 04 00 | | 271 773 | 88 563 | 6 08 | 8 0 |
| 06 00 | | 272 081 | 88 663 | 6 04 | 9 0 |
| 08 00 | 1618 90 | 272 381 | 88 761 | 6 04 | 13 0 |
| 10 00 | | 272 700 | 88 865 | 6 09 | 13 0 |
| 12 00 | | 273 004 | 88 964 | 6 02 | 13 0 |
| 14 00 | | 273 302 | 89 061 | 5 98 | 13 0 |
| 16 00 | 1619 10 | 273 602 | 89 159 | 6 09 | 13 0 |
| 18 00 | | 273 905 | 89 257 | 6 06 | 13 0 |
| 20 00 | | 274 210 | 89 357 | 6 08 | 11 0 |
| 22 00 | | 274 514 | 89 456 | 5 92 | 10 0 |
| ** September 15, 1989 | | | | | |
| 00 00 | 1619 20 | 274 811 | 89 553 | 6 03 | 10 0 |
| 02 00 | | 275 110 | 89 650 | 6 02 | 10 0 |
| 04 00 | | 275 411 | 89 748 | 6 04 | 10 0 |
| 05 50 | 1619 30 | 275 686 | 89 838 | 6 03 | 10 0 |
| 09 00 | 1619 30 | 275 686 | 89 838 | 6 06 | 10 0 |
| 11 00 | | 275 957 | 89 926 | 5 91 | 12 0 |
| 13 00 | | 276 262 | 90 025 | 5 98 | 12 0 |
| 15 00 | 1619 20 | 276 562 | 90 123 | 5 98 | 12 0 |
| 17 00 | | 276 852 | 90 218 | 6 02 | 12 0 |
| 19 00 | | 277 171 | 90 322 | 6 01 | 13 0 |
| 21 00 | | 277 451 | 90 413 | 6 00 | 11 0 |
| 23 00 | | 277 745 | 90 509 | 5 99 | 11 0 |
| ** September 16 1989 | | | | | |
| 01 00 | 1619 60 | 278 043 | 90 606 | 6 03 | 10 0 |
| 04 35 | 1620 40 | 278 185 | 90 652 | 5 88 | 10 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 06 35 | | 278 511 | 90 758 | 5 89 | 10 0 |
| 08 35 | 1621 10 | 278 789 | 90 849 | 5 85 | 13 0 |
| 10 35 | | 279 074 | 90 942 | 6 01 | 13 0 |
| 12 35 | | 279 415 | 91 053 | 5 82 | |
| 14 35 | | 279 683 | 91 140 | 6 13 | |
| 16 35 | 1620 20 | 279 982 | 91 238 | 6 09 | |
| 18 35 | | 280 271 | 91 332 | 5 97 | 15 0 |
| 20 35 | | 280 565 | 91 428 | 6 03 | 10 0 |
| 22 35 | | 280 855 | 91 522 | 6 13 | 10 0 |
| 23 25 | 1620 50 | 280 972 | 91 560 | 6 14 | 10 0 |
| ** September 17 1989 | | | | | |
| 02 40 | 1620 50 | 280 972 | 91 560 | 5 97 | 12 0 |
| 04 40 | | 281 258 | 91 654 | 5 64 | 10 0 |
| 06 40 | | 281 546 | 91 747 | 5 69 | 12 0 |
| 08 40 | 1620 50 | 281 830 | 91 840 | 5 72 | 12 0 |
| 10 40 | | 282 119 | 91 934 | 5 96 | |
| 12 40 | | 282 410 | 92 029 | 5 92 | 12 0 |
| 14 40 | | 282 700 | 92 123 | 5 97 | 11 0 |
| 16 40 | 1620 60 | 282 983 | 92 216 | 6 00 | 15 0 |
| 18 40 | | 283 266 | 92 308 | 6 00 | 14 0 |
| 20 40 | | 283 553 | 92 401 | 5 99 | 15 0 |
| 22 40 | | 283 834 | 92 493 | 5 97 | 14 0 |
| ** September 18, 1989 | | | | | |
| 00 40 | 1621 00 | 284 121 | 92 587 | 5 95 | 12 0 |
| 02 40 | | 284 402 | 92 678 | 5 89 | 12 0 |
| 04 40 | | 284 692 | 92 773 | 5 90 | 12 0 |
| 06 40 | | 284 967 | 92 862 | 5 89 | 12 0 |
| 08 40 | | 285 252 | 92 955 | 5 91 | 12 0 |
| 10 40 | | 285 539 | 93 049 | 5 89 | 12 0 |
| 12 40 | | 285 812 | 93 138 | 5 53 | 12 0 |
| 20 50 | 1639 80 | 285 819 | 93 140 | 5 84 | 14 0 |
| 22 50 | | 286 097 | 93 230 | 5 95 | 13 0 |
| ** September 19, 1989 | | | | | |
| 00 50 | 1621 60 | 286 382 | 93 323 | 5 93 | 12 0 |
| 02 50 | | 286 661 | 93 414 | 5 96 | 12 0 |
| 04 50 | | 286 938 | 93 504 | 5 93 | 12 0 |
| 06 50 | | 287 219 | 93 596 | 5 70 | 12 0 |
| 08 00 | 1621 40 | 287 391 | 93 652 | 5 94 | 12 0 |
| 20 05 | 1638 90 | 287 391 | 93 652 | 5 95 | 12 0 |
| 22 00 | | 287 665 | 93 741 | 5 95 | 12 0 |
| ** September 20 1989 | | | | | |
| 00 00 | 1621 40 | 287 940 | 93 831 | 5 96 | 13 0 |
| 02 00 | | 288 212 | 93 920 | 5 97 | 12 0 |
| 04 00 | | 288 491 | 94 011 | 5 92 | 12 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 06 00 | | 288 773 | 94 102 | 5 91 | 12 0 |
| 08 00 | | 289 045 | 94 191 | 5 92 | 12 0 |
| 10 00 | | 289 310 | 94 277 | 5 96 | 12 0 |
| 12 00 | | 289 592 | 94 369 | 5 97 | 12 0 |
| 14 00 | | 289 875 | 94 462 | 5 98 | 12 0 |
| 16 00 | 1621 90 | 290 148 | 94 551 | 5 96 | 10 0 |
| 18 00 | | 290 422 | 94 640 | 5 91 | 10 0 |
| 20 00 | | 290 694 | 94 728 | 5 93 | 10 0 |
| 22 00 | | 290 965 | 94 817 | 5 93 | 11 0 |
| ** September 21 1989 | | | | | |
| 00 00 | 1622 10 | 291 233 | 94 904 | 5 99 | 11 0 |
| 02 00 | | 291 505 | 94 993 | 5 98 | 11 0 |
| 04 00 | | 291 779 | 95 082 | 5 97 | 11 0 |
| 06 00 | | 292 044 | 95 168 | 5 93 | 11 0 |
| 08 00 | 1622 00 | 292 312 | 95 256 | 5 94 | 12 0 |
| 10 00 | | 292 492 | 95 314 | 5 95 | 12 0 |
| 12 00 | | 292 847 | 95 430 | 5 40 | 12 0 |
| 14 00 | | 293 110 | 95 516 | 5 44 | 12 0 |
| 16 00 | 1622 70 | 293 384 | 95 605 | 5 84 | 11 0 |
| 18 00 | | 293 645 | 95 690 | 5 78 | 11 0 |
| 20 15 | | 293 945 | 95 788 | 5 83 | 11 0 |
| 20 30 | | 293 985 | 95 801 | 5 70 | 12 0 |
| ** September 22, 1989 | | | | | |
| 02 00 | 1625 20 | 293 985 | 95 801 | 5 95 | 10 0 |
| 04 00 | | 294 278 | 95 896 | 5 86 | 10 0 |
| 06 00 | | 294 541 | 95 982 | 5 90 | 10 0 |
| 08 00 | 1625 10 | 294 821 | 96 073 | 5 86 | 10 0 |
| 10 00 | | 295 069 | 96 154 | 5 95 | 10 0 |
| 12 00 | | 295 343 | 96 243 | 5 83 | 10 0 |
| 13 25 | | 295 496 | 96 293 | 5 84 | 10 0 |
| ** September 23, 1989 | | | | | |
| 00 50 | 1625 10 | 295 496 | 96 293 | 5 89 | 9 0 |
| 02 50 | | 295 752 | 96 377 | 5 89 | 9 0 |
| 04 50 | | 296 015 | 96 462 | 5 86 | 6 0 |
| 06 50 | | 296 264 | 96 544 | 5 84 | 5 0 |
| 08 50 | 1625 00 | 296 524 | 96 628 | 5 47 | 5 0 |
| 10 50 | | 296 774 | 96 710 | 5 89 | 5 0 |
| 12 43 | 1625 00 | 297 017 | 96 789 | 6 87 | 5 0 |
| 18 30 | 1624 90 | 297 028 | 96 793 | 6 66 | 11 0 |
| 19 15 | | 297 185 | 96 844 | 6 66 | 11 0 |
| ** September 25 1989 | | | | | |
| 06 00 | 1646 00 | 297 185 | 96 844 | 5 89 | 10 0 |
| 07 07 | 1624 20 | 297 345 | 96 896 | 5 90 | 10 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** September 27, 1989 | | | | | |
| 09 30 | 1640 60 | 297 345 | 96 896 | 5 88 | 11 0 |
| 16 20 | 1641 10 | 297 530 | 96 956 | 5 62 | 13 0 |
| 18 20 | | 297 793 | 97 042 | 5 66 | 12 0 |
| 19 35 | | 297 960 | 97 096 | | |
| 21 10 | 1640 60 | 297 960 | 97 096 | 5 20 | 11 0 |
| 23 10 | 1624 00 | 298 228 | 97 184 | 5 25 | 10 0 |
| ** September 28, 1989 | | | | | |
| 01 10 | | 298 486 | 97 268 | 5 95 | 11 0 |
| 03 10 | | 298 745 | 97 352 | 5 88 | 9 0 |
| 05 10 | | 299 002 | 97 436 | 5 89 | 9 0 |
| 07 10 | | 299 257 | 97 519 | 5 85 | 10 0 |
| 09 10 | 1623 80 | 299 486 | 97 594 | 5 89 | 11 0 |
| 11 10 | | 299 770 | 97 686 | 5 91 | 11 0 |
| 13 10 | | 300 021 | 97 768 | 6 04 | 11 0 |
| 15 10 | 1623 90 | 300 275 | 97 851 | 5 92 | 13 0 |
| 17 10 | | 300 530 | 97 934 | 5 86 | 13 0 |
| 19 10 | | 300 782 | 98 016 | 5 85 | 12 0 |
| 21 10 | | 301 033 | 98 098 | 5 80 | 11 0 |
| 23 10 | 1624 00 | 301 289 | 98 181 | 6 45 | 11 0 |
| ** September 29, 1989 | | | | | |
| 01 10 | | 301 538 | 98 262 | 6 44 | 11 0 |
| 03 10 | | 301 785 | 98 343 | 5 86 | 11 0 |
| 05 10 | | 302 037 | 98 425 | 5 85 | 11 0 |
| 07 10 | 1623 90 | 302 285 | 98 506 | 5 86 | 11 0 |
| 09 10 | | 302 524 | 98 583 | 5 88 | 11 0 |
| 11 10 | | 302 784 | 98 668 | 5 92 | 11 0 |
| 13 10 | | 303 019 | 98 745 | 6 01 | 11 0 |
| 15 10 | 1624 50 | 303 271 | 98 827 | 6 03 | 13 0 |
| 17 10 | | 303 513 | 98 906 | 5 96 | 13 0 |
| 19 10 | | 303 760 | 98 986 | 5 91 | 12 0 |
| 21 10 | | 304 002 | 99 065 | 5 85 | 12 0 |
| 23 10 | 1624 80 | 304 247 | 99 145 | 5 82 | 13 0 |
| ** September 30 1989 | | | | | |
| 01 10 | | 304 486 | 99 223 | 5 80 | 11 0 |
| 03 10 | | 304 724 | 99 300 | 5 80 | 11 0 |
| 05 10 | | 304 966 | 99 379 | 5 79 | 11 0 |
| 07 10 | 1624 80 | 305 200 | 99 456 | 5 86 | 11 0 |
| 09 10 | | 305 437 | 99 533 | 5 90 | 11 0 |
| 11 10 | | 305 673 | 99 610 | 5 94 | 11 0 |
| 13 10 | | 305 909 | 99 687 | 6 04 | 11 0 |
| 15 10 | 1625 20 | 306 155 | 99 767 | | 11 0 |
| 17 10 | | 306 393 | 99 844 | 6 02 | 11 0 |
| 19 10 | | 306 626 | 99 920 | 6 02 | 10 0 |
| 21 10 | | 306 848 | 99 993 | 6 06 | 10 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 23 10 | 1625 72 | 307 076 | 100 067 | 5 93 | 10 0 |
| ** October 1 1989 | | | | | |
| 01 10 | | 307 300 | 100 140 | 6 06 | 10 0 |
| 03 10 | | 307 525 | 100 213 | 5 99 | 13 0 |
| 05 10 | | 307 752 | 100 287 | 6 01 | 10 0 |
| 07 10 | 1626 05 | 307 969 | 100 358 | 6 01 | 10 0 |
| 09 10 | | 308 194 | 100 431 | 6 01 | 10 0 |
| 11 10 | | 308 416 | 100 504 | 6 05 | 10 0 |
| 13 10 | | 308 634 | 100 575 | 6 11 | |
| 15 10 | 1626 22 | 308 851 | 100 645 | 6 09 | 10 0 |
| 16 00 | 1626 22 | 308 944 | 100 676 | 6 05 | 10 0 |
| ** October 2 1989 | | | | | |
| 05 45 | 1643 22 | 308 944 | 100 676 | 5 82 | 10 0 |
| 07 45 | 1626 12 | 309 153 | 100 744 | 5 87 | 10 0 |
| 09 45 | | 309 370 | 100 814 | 5 89 | 10 0 |
| 11 45 | | 309 593 | 100 887 | 5 97 | 10 0 |
| 13 45 | | 309 811 | 100 958 | 6 06 | 10 0 |
| 15 45 | 1626 42 | 310 040 | 101 033 | 5 91 | 11 0 |
| 17 45 | | 310 248 | 101 101 | 5 85 | 13 0 |
| 21 45 | | 310 675 | 101 240 | 5 75 | 12 0 |
| 23 42 | 1628 72 | 310 856 | 101 299 | 5 81 | 10 0 |
| ** October 3 1989 | | | | | |
| 01 10 | 1640 82 | 310 856 | 101 299 | 5 81 | 10 0 |
| 03 10 | | 311 070 | 101 368 | 5 77 | 10 0 |
| 05 25 | | 311 294 | 101 441 | 5 79 | 11 0 |
| 07 10 | 1626 52 | 311 485 | 101 504 | 5 80 | 11 0 |
| 20 00 | 1626 52 | 311 586 | 101 537 | 5 81 | 11 0 |
| 20 15 | 1640 30 | 311 586 | 101 537 | 5 69 | 11 0 |
| 22 15 | | 311 795 | 101 605 | 5 76 | 11 0 |
| ** October 4 1989 | | | | | |
| 00 15 | 1626 54 | 312 005 | 101 673 | 5 86 | 11 0 |
| 02 15 | | 312 215 | 101 742 | 5 80 | 11 0 |
| 04 15 | | 312 424 | 101 810 | 5 81 | 11 0 |
| 06 15 | | 312 631 | 101 877 | 5 82 | 11 0 |
| 08 15 | 1626 76 | 312 840 | 101 945 | 5 83 | 11 0 |
| 10 15 | | 313 043 | 102 011 | 5 85 | 11 0 |
| 12 15 | | 313 250 | 102 079 | 5 86 | 11 0 |
| 14 15 | | 313 457 | 102 146 | 5 83 | 11 0 |
| 16 15 | 1627 32 | 313 661 | 102 213 | 5 88 | 13 0 |
| 18 15 | | 313 865 | 102 279 | 5 87 | 13 0 |
| 20 15 | | 314 065 | 102 344 | 5 90 | 13 0 |
| 22 15 | | 314 265 | 102 410 | 5 92 | 12 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** October 5 1989 | | | | | |
| 00 15 | 1627 72 | 314 467 | 102 475 | 5 86 | 12 0 |
| 02 15 | | 314 667 | 102 541 | 5 92 | 12 0 |
| 04 15 | | 314 870 | 102 607 | 5 93 | 13 0 |
| 06 15 | | 315 065 | 102 670 | 5 85 | 12 0 |
| 08 15 | 1627 89 | 315 259 | 102 733 | 5 82 | 12 0 |
| 10 15 | | 315 460 | 102 799 | 5 85 | 12 0 |
| 12 15 | | 315 657 | 102 863 | 5 80 | 12 0 |
| 14 15 | | 315 848 | 102 925 | 5 82 | 12 0 |
| 16 15 | | 316 042 | 102 989 | 5 92 | 13 0 |
| 18 15 | | 316 235 | 103 051 | 5 89 | 12 0 |
| 20 15 | | 316 426 | 103 114 | 5 86 | 12 0 |
| 22 15 | | 316 617 | 103 176 | 5 85 | 11 0 |
| ** October 6 1989 | | | | | |
| 00 15 | 1628 34 | 316 806 | 103 238 | 5 94 | 12 0 |
| 02 15 | | 316 996 | 103 299 | 5 84 | 11 0 |
| 04 15 | | 317 184 | 103 361 | 5 72 | 11 0 |
| 06 15 | | 317 372 | 103 422 | 5 84 | 11 0 |
| 08 15 | 1628 67 | 317 561 | 103 484 | 5 81 | 10 0 |
| 09 25 | | 317 672 | 103 520 | 5 84 | 11 0 |
| ** October 7, 1989 | | | | | |
| 04 50 | 1628 72 | 317 672 | 103 520 | 5 85 | 10 0 |
| 06 50 | | 317 845 | 103 576 | 5 83 | 10 0 |
| 08 50 | 1628 88 | 318 028 | 103 636 | 5 86 | 10 0 |
| 10 50 | | 318 218 | 103 698 | 5 89 | 10 0 |
| 12 50 | | 318 397 | 103 756 | 5 95 | 10 0 |
| 14 50 | | 318 585 | 103 817 | 5 98 | 10 0 |
| 16 50 | 1625 82 | 318 790 | 103 884 | 6 00 | 10 0 |
| 18 50 | | 318 958 | 103 939 | 6 02 | 10 0 |
| 20 50 | | 319 137 | 103 997 | 5 92 | 10 0 |
| 22 50 | | 319 315 | 104 055 | 5 95 | 10 0 |
| ** October 8, 1989 | | | | | |
| 00 50 | 1626 55 | 319 505 | 104 117 | 6 02 | 9 0 |
| 02 50 | | 319 684 | 104 175 | 6 00 | 8 0 |
| 04 50 | | 319 866 | 104 235 | 5 87 | 8 0 |
| 06 50 | | 320 047 | 104 294 | 5 87 | 6 0 |
| 08 50 | | 320 220 | 104 350 | 5 89 | 9 0 |
| 10 50 | | 320 345 | 104 391 | 5 92 | 12 0 |
| ** October 11 1989 | | | | | |
| 10 35 | | 320 507 | 104 444 | 5 84 | 12 0 |
| 12 35 | 1626 88 | 320 680 | 104 500 | 5 97 | 12 0 |
| 14 35 | | 320 853 | 104 556 | 5 95 | 12 0 |
| 16 35 | | 321 029 | 104 614 | 5 94 | 14 0 |
| 16 50 | | 321 050 | 104 621 | | |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 19 45 | 1642 02 | 321 050 | 104 621 | 5 88 | 14 0 |
| 21 45 | | 321 220 | 104 676 | 5 73 | 14 0 |
| ** October 12 1989 | | | | | |
| 01 45 | | 321 568 | 104 789 | 5 81 | 11 0 |
| 03 45 | | 321 739 | 104 845 | 5 84 | 10 0 |
| 05 45 | | 321 909 | 104 900 | 5 81 | 10 0 |
| 07 45 | | 322 086 | 104 958 | 5 78 | 10 0 |
| 09 45 | 1629 92 | 322 252 | 105 012 | 5 90 | 10 0 |
| 11 45 | | 322 418 | 105 066 | 5 94 | 10 0 |
| 13 45 | | 322 587 | 105 121 | 5 94 | 10 0 |
| 15 45 | 1630 15 | 322 752 | 105 175 | 6 02 | 15 0 |
| 17 45 | | 322 921 | 105 230 | 5 94 | 14 0 |
| 19 45 | | 323 090 | 105 285 | 5 94 | 13 0 |
| 21 45 | | 323 253 | 105 338 | 5 89 | 12 0 |
| 23 45 | 1630 61 | 323 419 | 105 393 | 5 81 | 13 0 |
| ** October 13 1989 | | | | | |
| 01 45 | | 323 585 | 105 447 | 5 96 | 11 0 |
| 03 45 | | 323 745 | 105 499 | 5 94 | 11 0 |
| 05 45 | | 323 910 | 105 553 | 5 92 | 10 0 |
| 07 45 | | 324 070 | 105 605 | 6 01 | 10 0 |
| 09 45 | | 324 232 | 105 657 | 6 06 | 10 0 |
| 11 45 | | 324 396 | 105 711 | 6 06 | 10 0 |
| 13 45 | | 324 540 | 105 758 | 6 08 | 12 0 |
| 15 45 | 1631 12 | 324 713 | 105 814 | 6 08 | 16 0 |
| 17 45 | | 324 872 | 105 866 | 5 95 | 15 0 |
| 19 45 | | 325 028 | 105 917 | 5 96 | 13 0 |
| 21 45 | | 325 188 | 105 969 | 6 07 | 13 0 |
| 23 45 | 1631 22 | 325 343 | 106 020 | 6 04 | 13 0 |
| ** October 14, 1989 | | | | | |
| 01 45 | | 325 498 | 106 070 | 5 91 | 12 0 |
| 03 45 | | 325 654 | 106 121 | 5 82 | 12 0 |
| 05 45 | | 325 809 | 106 171 | 5 85 | 11 0 |
| 07 45 | 1631 55 | 325 961 | 106 221 | 5 88 | 11 0 |
| 09 45 | | 326 113 | 106 270 | 5 93 | 11 0 |
| 11 45 | | 326 267 | 106 321 | 5 96 | 11 0 |
| 13 45 | | 326 420 | 106 370 | 5 99 | 11 0 |
| 15 45 | 1631 82 | 326 570 | 106 419 | 5 98 | 14 0 |
| 18 25 | | 326 770 | 106 485 | 5 93 | 14 0 |
| 19 45 | | 326 871 | 106 517 | 5 91 | 13 0 |
| 21 45 | | 327 021 | 106 566 | 5 89 | 12 0 |
| 23 45 | 1631 82 | 327 168 | 106 614 | 6 05 | 12 0 |
| ** October 15 1989 | | | | | |
| 01 45 | | 327 317 | 106 663 | 6 00 | 12 0 |
| 03 45 | | 327 465 | 106 711 | 6 01 | 12 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 05 45 | | 327 661 | 106 775 | 6 13 | 12 0 |
| 07 45 | 1632 22 | 327 760 | 106 807 | 5 92 | 12 0 |
| 09 45 | | 327 905 | 106 854 | 5 87 | 12 0 |
| 11 45 | | 328 050 | 106 902 | 5 89 | 12 0 |
| 13 45 | | 328 190 | 106 947 | 5 89 | 12 0 |
| 15 45 | 1632 52 | 328 338 | 106 996 | 5 93 | 14 0 |
| 17 45 | | 328 480 | 107 042 | 5 93 | 13 0 |
| 19 45 | | 328 623 | 107 088 | 5 92 | 13 0 |
| 21 55 | | 328 770 | 107 136 | 5 84 | 12 0 |
| 23 45 | 1632 52 | 328 902 | 107 179 | 5 85 | 10 0 |
| ** October 16, 1989 | | | | | |
| 01 45 | | 329 047 | 107 227 | 5 97 | 10 0 |
| 03 45 | | 329 182 | 107 271 | 6 00 | 10 0 |
| 05 45 | | 329 323 | 107 316 | 5 78 | 10 0 |
| 07 45 | 1632 80 | 329 458 | 107 360 | 5 78 | 10 0 |
| 09 45 | | 329 600 | 107 407 | 5 76 | 10 0 |
| 11 45 | | 329 736 | 107 451 | 5 81 | 10 0 |
| 13 45 | | 329 870 | 107 495 | 5 88 | 10 0 |
| 15 45 | 1633 22 | 330 007 | 107 539 | 5 90 | 10 0 |
| 17 45 | | 330 144 | 107 584 | 5 83 | 10 0 |
| 19 45 | | 330 286 | 107 630 | 5 83 | 10 0 |
| 21 45 | | 330 410 | 107 671 | 5 87 | 10 0 |
| 23 45 | 1633 22 | 330 545 | 107 715 | 5 95 | 10 0 |
| ** October 17 1989 | | | | | |
| 01 45 | | 330 674 | 107 757 | 5 88 | 10 0 |
| 03 45 | | 330 808 | 107 800 | 5 78 | 10 0 |
| 05 45 | | 330 942 | 107 844 | 5 86 | 10 0 |
| 07 45 | | 331 070 | 107 886 | 5 86 | 10 0 |
| 20 00 | 1641 37 | 331 096 | 107 894 | 5 87 | 9 0 |
| 22 00 | | 331 221 | 107 935 | 5 71 | 9 0 |
| ** October 18 1989 | | | | | |
| 00 00 | 1645 63 | 331 346 | 107 976 | 5 99 | 9 0 |
| 02 00 | | 331 475 | 108 018 | 6 10 | 9 0 |
| 04 00 | | 331 602 | 108 059 | 6 39 | 8 0 |
| 06 00 | | 331 728 | 108 100 | 5 99 | 8 0 |
| 08 00 | | 331 859 | 108 143 | 6 00 | 8 0 |
| 10 00 | | 331 983 | 108 183 | 6 01 | 8 0 |
| 12 00 | | 332 106 | 108 223 | 6 00 | 8 0 |
| 12 45 | | 332 210 | 108 257 | 5 97 | 8 0 |
| 22 15 | 1642 52 | 332 210 | 108 257 | | 5 0 |
| ** October 19 1989 | | | | | |
| 00 15 | 1643 42 | 332 331 | 108 297 | 5 98 | 11 0 |
| 02 15 | | 332 455 | 108 337 | 6 03 | 10 0 |
| 04 15 | | 332 579 | 108 378 | 6 04 | 8 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 06 15 | | 332 704 | 108 418 | 6 10 | 10 0 |
| 08 15 | 1633 97 | 332 827 | 108 458 | 6 00 | 10 0 |
| 10 15 | | 332 950 | 108 498 | 6 00 | 10 0 |
| 12 15 | | 333 072 | 108 538 | 5 97 | 10 0 |
| 14 15 | | 333 193 | 108 578 | 5 84 | 10 0 |
| 16 15 | | 333 298 | 108 612 | 5 89 | 13 0 |
| 18 15 | 1629 42 | 333 431 | 108 655 | 6 30 | 12 0 |
| 20 15 | | 333 553 | 108 695 | 6 05 | 11 0 |
| 22 15 | | 333 671 | 108 733 | 5 97 | 11 0 |
| ** October 20, 1989 | | | | | |
| 00 15 | 1634 62 | 333 790 | 108 772 | 6 14 | 10 0 |
| 02 15 | | 333 907 | 108 810 | 5 93 | 10 0 |
| 04 15 | | 334 026 | 108 849 | 6 12 | 10 0 |
| 06 15 | | 334 140 | 108 886 | 6 15 | 10 0 |
| 08 15 | 1634 70 | 334 259 | 108 925 | 6 03 | 10 0 |
| 10 15 | | 334 372 | 108 962 | 6 15 | 10 0 |
| 12 15 | | 334 486 | 108 999 | 6 27 | 10 0 |
| 15 25 | | 334 556 | 109 022 | 6 27 | 10 0 |
| 16 15 | 1642 62 | 334 556 | 109 022 | 6 18 | 18 0 |
| 18 45 | | 334 697 | 109 068 | 5 67 | 17 0 |
| 20 15 | | 334 783 | 109 096 | 5 65 | 12 0 |
| 22 15 | | 334 893 | 109 132 | 6 01 | 12 0 |
| ** October 21 1989 | | | | | |
| 00 15 | 1635 12 | 334 996 | 109 165 | 6 01 | 11 0 |
| 02 15 | | 335 117 | 109 205 | 5 97 | 11 0 |
| 04 15 | | 335 230 | 109 241 | 6 03 | 11 0 |
| 06 15 | | 335 344 | 109 279 | 5 97 | 11 0 |
| 08 15 | | 335 451 | 109 313 | 6 01 | 11 0 |
| 10 15 | | 335 552 | 109 346 | 6 06 | 11 0 |
| 12 15 | | 335 671 | 109 385 | 6 18 | 11 0 |
| 14 15 | | 335 784 | 109 422 | 6 19 | 11 0 |
| 16 15 | | 335 874 | 109 451 | 5 97 | 14 0 |
| 18 15 | | 336 002 | 109 493 | 6 12 | 13 2 |
| 20 15 | 1635 42 | 336 095 | 109 523 | 6 05 | 11 0 |
| 22 15 | | 336 207 | 109 560 | 5 42 | 12 2 |
| ** October 22 1989 | | | | | |
| 00 15 | 1636 62 | 336 310 | 109 593 | 6 13 | 12 0 |
| 02 15 | | 336 415 | 109 628 | 6 15 | 12 0 |
| 04 15 | | 336 519 | 109 661 | 6 15 | 12 0 |
| 06 15 | | 336 625 | 109 696 | 5 94 | 12 0 |
| 08 15 | | 336 722 | 109 728 | 5 96 | 12 0 |
| 10 15 | | 336 818 | 109 759 | 5 99 | 12 0 |
| 12 15 | | 336 928 | 109 795 | 6 02 | 12 0 |
| 14 15 | | 337 025 | 109 826 | 5 84 | 12 0 |
| 16 15 | | 337 135 | 109 862 | 6 09 | 14 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 18 15 | 1636 12 | 337 234 | 109 894 | 5 66 | 14 0 |
| 20 15 | | 337 333 | 109 927 | 5 55 | 14 0 |
| 22 35 | | 337 444 | 109 963 | 6 10 | 13 0 |
| ** October 23, 1989 | | | | | |
| 00 05 | 1636 32 | 337 521 | 109 988 | 5 94 | 12 0 |
| 13 00 | 1643 00 | 337 521 | 109 988 | 5 94 | 12 0 |
| 15 00 | 1636 42 | 337 611 | 110 017 | 6 18 | 13 0 |
| 17 00 | | 337 710 | 110 050 | 5 99 | 14 5 |
| 19 00 | | 337 805 | 110 081 | 6 18 | 14 0 |
| 21 00 | | 337 900 | 110 111 | 6 06 | 13 0 |
| 23 00 | | 337 995 | 110 142 | 6 10 | 13 0 |
| ** October 24 1989 | | | | | |
| 01 00 | 1636 42 | 338 084 | 110 171 | 6 15 | 11 0 |
| 03 00 | | 338 177 | 110 202 | 5 93 | 12 0 |
| 05 00 | | 338 270 | 110 232 | 5 81 | 12 0 |
| 07 00 | | 338 360 | 110 261 | 5 97 | 12 0 |
| 08 00 | | 338 407 | 110 277 | 5 96 | 12 0 |
| ** October 28 1989 | | | | | |
| 04 20 | 1642 88 | 338 420 | 110 281 | | 11 0 |
| 05 43 | 1649 12 | 338 653 | 110 357 | | 13 0 |
| 07 55 | 1648 92 | 338 653 | 110 357 | | 13 0 |
| 09 24 | | 338 903 | 110 438 | | 13 0 |
| 10 30 | 1642 52 | 338 903 | 110 438 | 5 67 | 13 0 |
| 12 30 | | 339 228 | 110 544 | 5 83 | 13 0 |
| 14 30 | | 339 576 | 110 658 | 6 07 | 13 0 |
| 16 30 | 1622 62 | 339 902 | 110 764 | 6 49 | 13 4 |
| 18 30 | | 340 227 | 110 870 | 6 50 | 13 4 |
| 20 30 | | 340 562 | 110 979 | 6 50 | 13 0 |
| 22 30 | 1609 72 | 340 884 | 111 084 | 5 58 | 13 0 |
| ** October 29, 1989 | | | | | |
| 00 30 | 1622 42 | 341 200 | 111 187 | 5 72 | 13 0 |
| 02 30 | | 341 689 | 111 346 | 5 66 | 13 0 |
| 04 30 | | 342 016 | 111 453 | 5 89 | 13 0 |
| 06 30 | | 342 338 | 111 558 | 5 87 | 13 0 |
| 08 30 | | 342 644 | 111 657 | 5 91 | 13 0 |
| 10 30 | | 342 974 | 111 765 | 6 01 | 13 0 |
| ** October 30 1989 | | | | | |
| 05 45 | 1643 22 | 343 053 | 111 791 | 5 71 | 4 0 |
| 07 45 | 1623 12 | 343 365 | 111 892 | 6 06 | 4 0 |
| 08 00 | | 343 451 | 111 920 | 5 96 | 4 0 |
| ** October 31 1989 | | | | | |
| 12 30 | | 346 885 | 113 039 | 6 05 | 12 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 14 30 | | 347 171 | 113 133 | 5 92 | 12 0 |
| ** November 2, 1989 | | | | | |
| 22 15 | | 347 333 | 113 185 | 6 08 | 12 0 |
| ** November 3 1989 | | | | | |
| 00 15 | | 347 629 | 113 282 | 5 94 | 12 0 |
| 02 15 | | 347 928 | 113 379 | 6 06 | 12 0 |
| 04 48 | | 348 306 | 113 502 | 5 96 | 12 0 |
| 06 15 | | 348 516 | 113 571 | 5 96 | 12 0 |
| 07 56 | | 348 748 | 113 647 | 5 97 | 12 0 |
| 09 50 | | 348 748 | 113 647 | 5 96 | 12 0 |
| 11 50 | | 349 038 | 113 741 | 5 94 | 12 0 |
| 13 50 | | 349 377 | 113 851 | 5 92 | 12 0 |
| 15 50 | | 349 662 | 113 944 | 6 02 | 13 0 |
| 17 50 | | 349 971 | 114 045 | 5 94 | 13 0 |
| 19 50 | | 350 274 | 114 144 | 5 89 | 12 0 |
| 21 00 | | 350 341 | 114 166 | 6 02 | 12 0 |
| ** November 4, 1989 | | | | | |
| 03 05 | | 350 341 | 114 166 | 6 02 | 12 0 |
| 05 55 | | 350 862 | 114 335 | 6 03 | 12 0 |
| 07 05 | | 351 045 | 114 395 | 6 02 | 12 0 |
| 09 05 | | 351 356 | 114 496 | 6 03 | 12 0 |
| 11 05 | | 351 655 | 114 594 | 6 13 | 12 0 |
| 13 05 | | 351 947 | 114 689 | 6 04 | 12 0 |
| 15 05 | | 352 264 | 114 792 | 6 06 | 13 2 |
| 17 05 | | 352 544 | 114 884 | 6 00 | 12 0 |
| 19 05 | | 352 849 | 114 983 | 5 87 | 12 6 |
| 21 05 | | 353 150 | 115 081 | 6 00 | 12 0 |
| 23 05 | | 353 453 | 115 180 | 5 99 | 12 5 |
| ** November 5 1989 | | | | | |
| 01 05 | | 353 770 | 115 283 | 6 07 | 12 0 |
| 03 05 | | 354 058 | 115 377 | 6 04 | 12 0 |
| 05 05 | | 354 371 | 115 479 | 5 98 | 12 0 |
| 07 21 | | 354 690 | 115 583 | 5 97 | 12 0 |
| ** November 6 1989 | | | | | |
| 08 00 | | 354 693 | 115 584 | 5 92 | 12 0 |
| 09 05 | | 354 852 | 115 636 | 5 94 | 12 0 |
| 17 30 | | 354 852 | 115 636 | 5 79 | 12 0 |
| 19 30 | | 355 170 | 115 739 | 5 84 | 12 5 |
| 21 30 | | 355 455 | 115 832 | 5 80 | 12 0 |
| 23 30 | | 355 752 | 115 929 | 5 83 | 12 0 |
| ** November 7 1989 | | | | | |
| 01 30 | | 356 057 | 116 028 | 5 81 | 12 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 03 | 30 | 356 351 | 116 124 | 5 92 | 12 0 |
| 05 | 30 | 356 643 | 116 219 | 5 88 | 12 0 |
| 07 | 30 | 356 945 | 116 318 | 5 68 | 12 0 |
| 08 | 00 | 357 015 | 116 340 | 5 82 | 12 0 |
| 20 | 00 | 357 015 | 116 340 | 5 86 | 12 0 |
| 22 | 00 | 357 302 | 116 434 | 5 87 | 12 0 |
| ** | November 8, 1989 | | | | |
| 00 | 17 | 357 630 | 116 541 | 6 40 | 12 2 |
| 02 | 30 | 357 953 | 116 646 | 5 89 | 12 0 |
| 04 | 00 | 358 177 | 116 719 | 5 85 | 12 0 |
| 06 | 00 | 358 479 | 116 818 | 6 01 | 11 0 |
| 08 | 00 | 358 769 | 116 912 | 6 09 | 11 0 |
| 09 | 00 | 358 928 | 116 964 | 5 98 | 11 0 |
| 22 | 50 | 358 928 | 116 964 | | 12 0 |
| ** | November 9 1989 | | | | |
| 00 | 50 | 359 204 | 117 054 | 6 06 | 12 0 |
| 02 | 50 | 359 498 | 117 150 | 5 95 | 12 0 |
| 04 | 50 | 359 791 | 117 245 | 6 21 | 12 0 |
| 06 | 50 | 360 082 | 117 340 | 5 97 | 12 0 |
| 08 | 40 | 360 347 | 117 426 | 6 12 | 12 0 |
| 19 | 45 | 360 347 | 117 426 | 5 80 | 12 0 |
| 21 | 45 | 360 644 | 117 523 | 5 87 | 12 0 |
| 23 | 45 | 360 937 | 117 619 | 5 88 | 12 0 |
| ** | November 10, 1989 | | | | |
| 01 | 45 | 361 214 | 117 709 | 5 85 | 12 0 |
| 02 | 30 | 361 325 | 117 745 | 6 01 | 12 0 |
| 05 | 05 | 361 325 | 117 745 | 5 89 | 12 0 |
| 07 | 05 | 361 615 | 117 839 | 5 92 | 12 0 |
| 09 | 05 | 361 913 | 117 937 | 5 94 | 12 0 |
| 11 | 05 | 362 194 | 118 028 | 5 86 | 12 0 |
| 13 | 05 | 362 478 | 118 121 | 5 92 | 12 0 |
| 15 | 05 | 362 758 | 118 212 | 6 05 | 12 0 |
| 17 | 05 | 363 044 | 118 305 | 6 10 | 12 0 |
| 19 | 05 | 363 335 | 118 400 | | 12 0 |
| 21 | 05 | 363 616 | 118 492 | 6 05 | 12 0 |
| 23 | 05 | 363 915 | 118 589 | 5 92 | 12 7 |
| ** | November 11, 1989 | | | | |
| 01 | 05 | 364 189 | 118 678 | 5 99 | 12 0 |
| 01 | 35 | 364 252 | 118 699 | 5 98 | 12 0 |
| 04 | 00 | 364 252 | 118 699 | 5 99 | 12 0 |
| 06 | 00 | 364 541 | 118 793 | 6 40 | 12 0 |
| 06 | 50 | | | 6 39 | 12 0 |
| 07 | 00 | | | 6 21 | 12 0 |
| 18 | 00 | 364 680 | 118 838 | | 12 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 20 00 | | 365 052 | 118 959 | 6 33 | |
| 22 00 | | 365 321 | 119 047 | 6 25 | 11 7 |
| ** November 12 1989 | | | | | |
| 00 00 | | 365 606 | 119 140 | 5 84 | 11 7 |
| 02 00 | | 365 881 | 119 230 | 6 10 | 11 0 |
| 02 50 | | 365 996 | 119 267 | 6 04 | 11 0 |
| 06 00 | | 365 996 | 119 267 | 6 24 | 11 0 |
| 08 00 | | 366 347 | 119 381 | 6 12 | 11 0 |
| 10 00 | | 366 614 | 119 469 | 6 16 | 11 0 |
| 12 00 | | 366 891 | 119 559 | 5 01 | 11 0 |
| 14 00 | | 367 180 | 119 653 | 5 92 | 11 0 |
| 14 50 | | 367 300 | 119 692 | 5 91 | 11 0 |
| 16 15 | | 367 300 | 119 692 | 5 55 | 11 0 |
| 18 00 | | 367 545 | 119 772 | 5 89 | 11 0 |
| 20 00 | | 367 927 | 119 896 | 5 81 | 11 0 |
| 22 00 | | 368 110 | 119 956 | 5 98 | 11 0 |
| ** November 13 1989 | | | | | |
| 00 00 | | 368 402 | 120 051 | 5 79 | 12 0 |
| 02 20 | | 368 928 | 120 223 | 5 97 | 12 0 |
| 04 00 | | 368 965 | 120 235 | 5 89 | 12 0 |
| 06 00 | | 369 246 | 120 326 | 6 12 | 12 0 |
| 07 16 | | 369 428 | 120 386 | 5 98 | 12 0 |
| 15 30 | | 369 428 | 120 386 | 5 80 | 12 0 |
| 17 30 | | 369 718 | 120 480 | 6 00 | 12 0 |
| 19 30 | | 370 000 | 120 572 | 5 98 | 12 0 |
| 21 30 | | 370 285 | 120 665 | 5 98 | 12 0 |
| 23 30 | | 370 557 | 120 753 | 5 78 | 12 0 |
| ** November 14, 1989 | | | | | |
| 01 30 | | 370 836 | 120 844 | 5 89 | 12 0 |
| 03 30 | | 371 119 | 120 937 | 6 01 | 11 0 |
| 05 30 | | 371 393 | 121 026 | 5 95 | 11 0 |
| 07 30 | | 371 661 | 121 113 | 5 97 | 11 0 |
| 08 00 | | 371 773 | 121 150 | 5 93 | 11 0 |
| 20 00 | | 371 773 | 121 150 | 5 89 | 12 0 |
| 22 00 | | 372 005 | 121 225 | 5 88 | 12 0 |
| ** November 15 1989 | | | | | |
| 00 00 | | 372 279 | 121 315 | 6 30 | 11 0 |
| 02 00 | | 372 556 | 121 405 | 5 89 | 11 0 |
| 04 00 | | 372 827 | 121 493 | 5 96 | 11 0 |
| 06 00 | | 373 097 | 121 581 | 6 45 | 13 0 |
| 08 00 | | 373 350 | 121 664 | 6 21 | 13 0 |
| 08 50 | | 373 470 | 121 703 | 6 24 | 13 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** November 16 1989 | | | | | |
| 13 00 | | 373 470 | 121 703 | 6 11 | 12 0 |
| 15 00 | | 373 741 | 121 791 | | 12 0 |
| 17 00 | | 374 000 | 121 875 | | 12 0 |
| 19 00 | | 374 297 | 121 972 | | 12 0 |
| 21 00 | | 374 631 | 122 081 | | 12 0 |
| 23 00 | | 374 867 | 122 158 | | 11 0 |
| ** November 17, 1989 | | | | | |
| 01 00 | | 375 136 | 122 246 | | 11 0 |
| 03 00 | | 375 429 | 122 341 | | 11 0 |
| 07 00 | | 375 984 | 122 522 | | 11 0 |
| 09 00 | | 376 256 | 122 611 | | 11 0 |
| 09 21 | | 376 300 | 122 625 | | 11 0 |
| ** November 18, 1989 | | | | | |
| 01 00 | | 376 300 | 122 625 | | 10 0 |
| 05 55 | | 376 534 | 122 701 | | 10 0 |
| 07 55 | | 376 810 | 122 791 | | 10 0 |
| 09 55 | | 377 097 | 122 885 | | 10 0 |
| 17 30 | | 377 440 | 122 996 | | 10 0 |
| 19 30 | | 377 440 | 122 996 | 5 91 | 11 0 |
| 21 30 | | 377 747 | 123 096 | | 11 0 |
| 23 30 | | 378 051 | 123 195 | 5 93 | 11 0 |
| ** November 19, 1989 | | | | | |
| 01 30 | | 378 324 | 123 284 | 5 95 | 11 0 |
| 03 50 | | 378 613 | 123 379 | 6 02 | 12 0 |
| 05 30 | | 378 881 | 123 466 | 5 98 | 11 4 |
| 07 30 | | 379 167 | 123 559 | | 11 4 |
| 09 30 | | 379 422 | 123 642 | 5 92 | |
| 11 30 | | 379 720 | 123 739 | 5 91 | 12 0 |
| 13 30 | | 380 005 | 123 832 | 5 89 | 12 0 |
| 15 30 | | 380 277 | 123 921 | | 13 0 |
| 17 30 | | 380 541 | 124 007 | 5 80 | 13 0 |
| 19 30 | | 380 848 | 124 107 | 5 85 | 12 0 |
| 21 30 | | 381 137 | 124 201 | 6 08 | 12 0 |
| 23 30 | | 381 392 | 124 284 | 6 04 | 12 0 |
| ** November 20 1989 | | | | | |
| 01 30 | | 381 671 | 124 375 | 6 00 | 12 0 |
| 03 30 | | 381 945 | 124 464 | 6 17 | 11 5 |
| 05 30 | | 382 223 | 124 555 | 6 13 | 12 0 |
| 07 30 | | 382 487 | 124 641 | 6 11 | 12 0 |
| ** November 27 1989 | | | | | |
| 06 50 | | 384 977 | 125 452 | | 12 0 |
| 08 10 | | 385 149 | 125 509 | | |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** November 29, 1989 | | | | | |
| 01 10 | | 385 149 | 125 509 | | |
| 15 45 | 1643 62 | 385 149 | 125 509 | 6 05 | 11 0 |
| 17 45 | | 385 409 | 125 593 | | |
| ** November 30 1989 | | | | | |
| 09 30 | 1643 92 | 385 409 | 125 593 | 5 87 | 11 0 |
| 11 30 | | 385 683 | 125 683 | 5 85 | 11 0 |
| 13 30 | | 385 963 | 125 774 | 6 07 | 11 0 |
| 15 30 | 1625 42 | 386 254 | 125 869 | 5 79 | 12 5 |
| 16 45 | | 386 419 | 125 922 | | |
| ** December 1 1989 | | | | | |
| 14 30 | 1643 52 | 386 419 | 125 922 | 6 03 | 12 8 |
| 16 30 | 1625 72 | 386 684 | 126 009 | 5 75 | 12 0 |
| 18 30 | | 386 973 | 126 103 | 5 87 | 11 5 |
| 20 30 | | 387 250 | 126 193 | 5 93 | 11 1 |
| 22 30 | | 387 533 | 126 285 | 6 06 | 11 5 |
| ** December 2 1989 | | | | | |
| 00 45 | 1625 42 | 387 853 | 126 390 | 5 87 | 11 0 |
| 02 40 | | 388 134 | 126 481 | 5 98 | 11 0 |
| 04 30 | | 388 367 | 126 557 | 6 01 | 11 0 |
| 06 30 | | 388 689 | 126 662 | 6 00 | 11 0 |
| 08 30 | | 388 948 | 126 746 | 5 98 | 10 6 |
| 08 50 | | 388 995 | 126 762 | 6 01 | 10 9 |
| ** December 3 1989 | | | | | |
| 10 00 | | 388 995 | 126 762 | | |
| 12 00 | | 388 995 | 126 762 | 6 04 | 10 0 |
| 14 00 | | 389 263 | 126 849 | 6 02 | 10 0 |
| 16 50 | | 389 577 | 126 951 | 5 89 | 11 0 |
| 18 00 | | 389 763 | 127 012 | 5 90 | 11 7 |
| 20 00 | | 390 030 | 127 099 | 5 90 | 11 5 |
| 22 00 | | 390 289 | 127 183 | 5 64 | 11 5 |
| ** December 4, 1989 | | | | | |
| 23 55 | | 390 561 | 127 272 | 5 85 | 11 5 |
| ** December 5 1989 | | | | | |
| 17 55 | 1645 18 | 390 562 | 127 272 | 5 80 | 12 0 |
| 20 10 | | 390 945 | 127 397 | 5 96 | 12 0 |
| 21 55 | | 391 193 | 127 478 | 5 99 | 12 0 |
| ** December 6 1989 | | | | | |
| 00 32 | | 391 541 | 127 591 | 6 08 | 10 0 |
| 14 30 | 1645 18 | 391 541 | 127 591 | 5 80 | 12 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 16 30 | 1625 52 | 391 814 | 127 680 | 5 95 | 12 0 |
| 18 55 | | 392 153 | 127 791 | 5 95 | 12 0 |
| 20 30 | | 392 374 | 127 863 | 5 91 | 11 4 |
| 22 30 | | 392 654 | 127 954 | 5 85 | 11 0 |
| ** December 7, 1989 | | | | | |
| 00 30 | | 392 924 | 128 042 | 5 83 | 11 0 |
| 02 30 | | 393 198 | 128 131 | 5 98 | 11 0 |
| 04 34 | | 393 485 | 128 225 | 5 86 | 11 0 |
| 06 30 | | 393 757 | 128 314 | 5 92 | 11 0 |
| 07 30 | | 393 887 | 128 356 | 5 93 | 11 0 |
| ** December 8 1989 | | | | | |
| 08 30 | 1644 62 | 393 887 | 128 356 | 5 89 | 10 0 |
| 10 30 | | 394 145 | 128 440 | 5 88 | 10 0 |
| 12 30 | | 394 426 | 128 532 | 5 92 | 10 0 |
| 14 30 | | 394 704 | 128 622 | | 10 0 |
| 16 30 | 1625 92 | 395 000 | 128 719 | 5 93 | 10 0 |
| 18 30 | | 395 280 | 128 810 | 6 03 | 10 0 |
| 20 30 | | 395 488 | 128 878 | 6 03 | 10 0 |
| 22 30 | | 395 835 | 128 991 | 6 02 | 10 0 |
| ** December 9, 1989 | | | | | |
| 00 30 | 1625 92 | 396 110 | 129 080 | 5 82 | 11 0 |
| 02 30 | | 396 394 | 129 173 | 5 99 | 12 0 |
| 04 30 | | 396 637 | 129 252 | 6 00 | 11 0 |
| 06 30 | | 396 932 | 129 348 | 5 92 | |
| 08 30 | | 397 241 | 129 449 | 5 81 | |
| 10 30 | | 397 509 | 129 536 | 5 95 | |
| 12 30 | | 397 785 | 129 626 | 6 09 | |
| 14 30 | | 398 048 | 129 712 | 6 10 | |
| 16 30 | | 398 328 | 129 803 | 5 83 | 12 0 |
| 18 30 | | 398 602 | 129 892 | 5 11 | 12 0 |
| 20 30 | | 398 840 | 129 970 | 5 90 | 12 0 |
| 22 30 | | 399 155 | 130 073 | 5 95 | 11 0 |
| ** December 10, 1989 | | | | | |
| 00 30 | 1626 42 | 399 420 | 130 159 | 6 01 | 11 6 |
| 02 30 | | 399 690 | 130 247 | 5 98 | 11 1 |
| 04 30 | | 399 967 | 130 337 | 6 07 | 11 5 |
| 06 30 | | 400 211 | 130 417 | 5 92 | 11 6 |
| 08 30 | | 400 477 | 130 503 | 5 80 | 11 4 |
| 10 30 | | 400 748 | 130 592 | 5 79 | 11 4 |
| 12 30 | | 401 020 | 130 680 | 5 74 | 11 4 |
| 14 30 | | 401 285 | 130 767 | 5 63 | 12 0 |
| 15 05 | | 401 371 | 130 795 | 5 80 | 10 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** December 11, 1989 | | | | | |
| 03 15 | 1644 57 | 401 371 | 130 795 | 5 86 | 10 5 |
| 05 15 | | 401 638 | 130 882 | 5 70 | 10 6 |
| 07 15 | | 401 895 | 130 966 | 5 74 | 10 0 |
| 07 55 | | 401 998 | 130 999 | 5 73 | 10 0 |
| 15 15 | | 401 998 | 130 999 | | |
| 17 15 | | 402 270 | 131 088 | 6 05 | |
| 19 15 | | 402 555 | 131 181 | 5 89 | 11 0 |
| 21 15 | | 402 845 | 131 275 | 5 92 | 11 0 |
| 23 15 | 1626 52 | 403 108 | 131 361 | | |
| ** December 12, 1989 | | | | | |
| 01 15 | | 403 383 | 131 450 | | |
| 03 20 | | 403 668 | 131 543 | | |
| 05 15 | | 403 933 | 131 630 | 5 70 | 10 4 |
| 07 15 | | 404 210 | 131 720 | 5 62 | 10 0 |
| 09 15 | 1626 62 | 404 480 | 131 808 | 5 95 | 10 0 |
| 11 15 | | 404 750 | 131 896 | 5 71 | 10 0 |
| 13 15 | | 405 025 | 131 985 | 5 74 | 10 0 |
| 15 15 | 1626 82 | 405 268 | 132 065 | 5 84 | 10 0 |
| 18 40 | | 405 706 | 132 207 | 5 89 | 10 0 |
| 20 40 | | 406 025 | 132 311 | 5 88 | 10 0 |
| 22 40 | | 406 210 | 132 372 | 5 92 | 10 0 |
| 23 15 | | 406 251 | 132 385 | 5 53 | 10 0 |
| ** December 13 1989 | | | | | |
| 01 33 | | 406 464 | 132 454 | 5 71 | 10 0 |
| 03 15 | | 406 620 | 132 505 | 5 21 | 6 0 |
| 05 15 | | 406 853 | 132 581 | 5 89 | 6 0 |
| 07 15 | 1626 72 | 407 124 | 132 669 | 5 85 | 6 0 |
| 09 15 | | 407 363 | 132 747 | 5 86 | 6 0 |
| 11 15 | | 407 614 | 132 829 | 5 89 | 6 0 |
| 13 15 | | 407 877 | 132 915 | 5 91 | 6 0 |
| 15 15 | | 408 130 | 132 997 | 5 76 | 11 0 |
| 16 30 | | 408 288 | 133 049 | | |
| ** December 14 1989 | | | | | |
| 17 30 | | 408 288 | 133 049 | | |
| 19 30 | | 408 560 | 133 137 | 5 84 | |
| 21 30 | | 408 810 | 133 219 | 5 90 | |
| ** December 15 1989 | | | | | |
| 00 04 | | 409 162 | 133 334 | | |
| 01 30 | | 409 347 | 133 394 | | |
| 03 30 | | 409 620 | 133 483 | | |
| 05 41 | | 409 908 | 133 577 | | |
| 07 41 | | 410 179 | 133 665 | | |
| 08 14 | | 410 213 | 133 676 | | |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** January 3, 1990 | | | | | |
| 03 35 | 1645 22 | 410 213 | 133 676 | 5 80 | 11 5 |
| 05 35 | | 410 467 | 133 759 | 6 00 | 13 7 |
| 07 35 | | 410 671 | 133 825 | 5 92 | 12 0 |
| 09 35 | | 410 902 | 133 901 | 6 00 | 13 0 |
| 11 35 | | 411 155 | 133 983 | 6 10 | 13 0 |
| 13 35 | | 411 386 | 134 058 | 5 98 | 13 0 |
| 15 35 | | 411 611 | 134 132 | | |
| 17 35 | | 411 852 | 134 210 | | |
| 17 45 | | 411 880 | 134 219 | | |
| ** January 4, 1990 | | | | | |
| 05 00 | 1645 69 | 411 880 | 134 219 | | |
| 07 00 | | 412 147 | 134 306 | | |
| 09 00 | | 412 349 | 134 372 | | |
| 11 00 | | 412 606 | 134 456 | 5 92 | 15 0 |
| 13 00 | | 412 837 | 134 531 | | |
| 15 00 | 1628 62 | 413 056 | 134 603 | 6 00 | 10 0 |
| 17 00 | | 413 287 | 134 678 | 5 89 | 10 0 |
| 19 00 | | 413 512 | 134 751 | 6 09 | 9 6 |
| 21 00 | | 413 745 | 134 827 | 6 00 | 9 7 |
| 23 00 | | 413 966 | 134 899 | 6 10 | 10 6 |
| ** January 5, 1990 | | | | | |
| 01 00 | 1628 60 | 414 195 | 134 974 | 5 80 | 10 0 |
| 03 00 | | 414 408 | 135 043 | 5 85 | 11 0 |
| 05 00 | | 414 660 | 135 125 | 5 68 | 11 3 |
| 07 00 | | 414 867 | 135 193 | 5 72 | 11 0 |
| 08 35 | | 415 045 | 135 251 | 5 65 | 11 0 |
| 20 15 | 1645 72 | 415 045 | 135 251 | 5 83 | 11 0 |
| 22 15 | | 415 280 | 135 327 | 5 90 | 11 0 |
| ** January 6, 1990 | | | | | |
| 00 15 | 1628 92 | 415 505 | 135 401 | 6 52 | 10 0 |
| 02 15 | | 415 723 | 135 472 | 6 45 | 11 6 |
| 04 15 | | 415 950 | 135 546 | 5 97 | 10 0 |
| 06 15 | | 416 168 | 135 617 | 6 02 | 8 0 |
| 08 15 | | 416 403 | 135 693 | 6 05 | 10 0 |
| 10 15 | | 416 619 | 135 764 | 6 12 | 10 0 |
| 12 15 | | 416 824 | 135 830 | 6 08 | 10 0 |
| 14 15 | | 417 053 | 135 905 | 6 10 | 10 0 |
| 16 15 | | 417 276 | 135 978 | 6 00 | |
| 18 15 | | 417 500 | 136 051 | 6 15 | 10 0 |
| 20 15 | | 417 715 | 136 121 | 6 10 | 10 0 |
| 22 15 | | 417 927 | 136 190 | 6 08 | 9 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** January 7, 1990 | | | | | |
| 00 15 | 1628 82 | 418 154 | 136 264 | 6 06 | 12 0 |
| 02 15 | | 418 374 | 136 336 | 6 15 | 12 0 |
| 04 15 | | 418 593 | 136 407 | 6 30 | 11 7 |
| 06 15 | | 418 811 | 136 478 | 5 99 | 11 4 |
| 08 15 | | 419 033 | 136 550 | 5 89 | 11 3 |
| 10 15 | | 419 244 | 136 619 | 6 10 | 13 0 |
| 12 15 | | 419 460 | 136 689 | 6 00 | 13 0 |
| 14 20 | | 419 688 | 136 764 | 5 95 | 13 0 |
| 16 15 | | 419 888 | 136 829 | 5 90 | 13 0 |
| 18 15 | | 420 108 | 136 901 | 6 00 | 12 0 |
| 20 15 | | 420 328 | 136 972 | 6 08 | 10 0 |
| 22 15 | | 420 541 | 137 042 | 6 00 | 10 0 |
| ** January 8 1990 | | | | | |
| 00 18 | | 420 765 | 137 115 | 6 10 | 12 2 |
| 02 18 | | 420 982 | 137 185 | 5 97 | 12 0 |
| 04 15 | 1629 82 | 421 195 | 137 255 | 6 11 | 12 5 |
| 06 15 | | 421 403 | 137 323 | 6 02 | 13 0 |
| 08 10 | | 421 607 | 137 389 | 6 08 | 13 0 |
| ** January 9, 1990 | | | | | |
| 04 40 | 1646 00 | 421 607 | 137 389 | 6 01 | 11 8 |
| 06 40 | | 421 802 | 137 453 | 5 80 | 12 7 |
| 08 40 | 1629 97 | 422 013 | 137 521 | 5 82 | 12 0 |
| 10 40 | | 422 229 | 137 592 | 5 92 | 12 0 |
| 12 40 | | 422 450 | 137 664 | 6 02 | 12 0 |
| 14 40 | | 422 624 | 137 720 | | |
| 16 40 | | 422 857 | 137 796 | 5 94 | 11 0 |
| 18 40 | | 423 077 | 137 868 | 6 01 | 11 0 |
| 20 40 | | 423 821 | 138 111 | 5 97 | 11 0 |
| 22 40 | | 423 926 | 138 145 | 5 98 | 11 0 |
| ** January 10, 1990 | | | | | |
| 00 40 | 1629 92 | 423 696 | 138 070 | 6 22 | 12 0 |
| 02 40 | | 423 907 | 138 139 | 5 99 | 12 0 |
| 04 40 | | 424 114 | 138 206 | 5 86 | 12 0 |
| 06 40 | | 424 320 | 138 273 | 5 80 | 11 0 |
| 08 40 | | 424 533 | 138 343 | 5 97 | 12 0 |
| 10 40 | | 424 734 | 138 408 | 6 31 | 12 0 |
| 12 40 | | 424 945 | 138 477 | 6 31 | 12 0 |
| 14 40 | | 425 147 | 138 543 | 6 14 | 12 0 |
| 16 40 | 1630 32 | 425 363 | 138 613 | 6 00 | 12 0 |
| 18 40 | | 425 570 | 138 680 | 5 96 | 12 0 |
| 20 40 | | 425 778 | 138 748 | 5 95 | 12 0 |
| 22 40 | | 425 976 | 138 813 | 5 96 | 11 0 |

Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| ** January 11, 1990 | | | | | |
| 00 40 | 1630 62 | 426 179 | 138 879 | 5 85 | 11 2 |
| 02 40 | | 426 383 | 138 945 | 5 65 | 11 0 |
| 04 40 | | 426 585 | 139 011 | 5 69 | 11 0 |
| 06 40 | | 426 788 | 139 077 | 5 80 | 11 0 |
| ** January 13 1990 | | | | | |
| 13 45 | 1646 22 | 426 788 | 139 077 | | |
| 15 45 | 1631 72 | 426 956 | 139 132 | 6 00 | 13 0 |
| 17 45 | | 427 154 | 139 197 | 6 10 | 13 0 |
| 19 45 | | 427 346 | 139 259 | 6 00 | 12 0 |
| 21 50 | | 427 551 | 139 326 | 5 85 | 10 0 |
| 23 45 | 1645 51 | 427 739 | 139 387 | 5 80 | 11 0 |
| ** January 14, 1990 | | | | | |
| 02 10 | | 427 923 | 139 447 | | |
| 02 30 | | 427 923 | 139 447 | | |
| 04 30 | | 428 000 | 139 472 | 5 98 | 12 0 |
| 08 30 | | 428 527 | 139 644 | | 10 0 |
| 10 30 | | 428 724 | 139 708 | | 10 0 |
| 12 30 | | 428 920 | 139 772 | | 11 0 |
| 14 35 | 1630 92 | 429 122 | 139 838 | | 11 0 |
| 21 45 | 1631 92 | 429 122 | 139 838 | 5 95 | 10 0 |
| 23 25 | 1631 02 | 429 312 | 139 900 | 6 03 | 12 0 |
| ** January 15, 1990 | | | | | |
| 01 15 | | 429 489 | 139 958 | 6 12 | 12 0 |
| 03 15 | | 429 686 | 140 022 | 6 12 | 12 0 |
| 05 15 | | 429 879 | 140 085 | 6 09 | 12 0 |
| 07 15 | 1635 42 | 430 077 | 140 149 | 6 10 | 12 0 |
| 09 15 | | 430 266 | 140 211 | 6 12 | 12 0 |
| 11 15 | | 430 464 | 140 275 | 6 21 | 12 0 |
| 13 15 | | 430 652 | 140 337 | 6 15 | 12 0 |
| 15 37 | 1631 02 | 430 895 | 140 416 | 6 13 | 12 5 |
| 19 30 | | 431 273 | 140 539 | 6 00 | 11 0 |
| 21 30 | | 431 464 | 140 601 | 5 89 | 10 0 |
| 23 15 | | 431 636 | 140 657 | 5 77 | 13 0 |
| ** January 16, 1990 | | | | | |
| 00 10 | 1631 22 | 431 731 | 140 688 | 5 83 | 13 0 |
| 17 30 | 1626 87 | 431 731 | 140 688 | 6 80 | 11 6 |
| 19 30 | | 431 908 | 140 746 | 6 21 | 11 0 |
| 21 23 | | | | 6 22 | 11 6 |
| 23 45 | 1645 72 | 432 086 | 140 804 | 5 86 | 13 0 |
| ** January 17, 1990 | | | | | |
| 01 45 | | 432 261 | 140 861 | 6 22 | 13 0 |
| 03 45 | | 432 454 | 140 924 | 5 80 | 11 0 |

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Add-On Interceptor Well Log of Operations
Lindsay Mfg Co

| Time | Elevation | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|
| 05 45 | | 432 645 | 140 986 | 5 65 | 11 0 |
| 07 45 | 1631 02 | 432 822 | 141 044 | 5 64 | 12 0 |
| 09 45 | | 433 011 | 141 105 | 5 72 | 12 0 |
| 11 45 | | 433 208 | 141 169 | 5 76 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 83 09 28 | | | 1 362 | 0 444 | | |
| 83 09 28 | | | 1 976 | 0 644 | | |
| 83 09 29 | | | 1 976 | 0 644 | | |
| 83 09 29 | | | 2 585 | 0 842 | | |
| 83 10 01 | | | 2 585 | 0 842 | | |
| 83 10 01 | | | 2 746 | 0 895 | | |
| 83 10 25 | | | 2 746 | 0 895 | | |
| 83 10 25 | | | 3 400 | 1 108 | | |
| 83 10 29 | | | 3 400 | 1 108 | | |
| 83 10 29 | | | 3 774 | 1 230 | | |
| 83 11 05 | | | 3 774 | 1 230 | | |
| 83 11 05 | | | 3 800 | 1 238 | | |
| 84 06 25 | 17 17 | | 3 810 | 1 242 | | |
| 84 06 25 | 17 27 | | 3 826 | 1 247 | | |
| 84 06 25 | 17 37 | | 3 842 | 1 252 | | |
| 84 06 25 | 17 47 | | 3 858 | 1 257 | | |
| 84 06 25 | 17 57 | | 3 874 | 1 262 | | |
| 84 06 25 | 18 07 | | 3 889 | 1 267 | | |
| 84 06 25 | 18 17 | | 3 905 | 1 273 | | |
| 84 06 25 | 19 47 | | 4 010 | 1 307 | | |
| 84 06 25 | 20 47 | | 4 092 | 1 333 | | |
| 84 06 25 | 21 47 | | 4 185 | 1 364 | | |
| 84 06 25 | 22 47 | | 4 279 | 1 394 | | |
| 84 06 25 | 23 47 | | 4 373 | 1 425 | | |
| 84 06 26 | 00 47 | | 4 466 | 1 455 | | |
| 84 06 26 | 01 47 | | 4 559 | 1 486 | | |
| 84 06 26 | 02 47 | | 4 654 | 1 517 | | |
| 84 06 26 | 03 47 | | 4 746 | 1 547 | | |
| 84 06 26 | 04 47 | | 4 840 | 1 577 | | |
| 84 06 26 | 05 47 | | 4 936 | 1 608 | | |
| 84 06 26 | 06 47 | | 5 033 | 1 640 | | |
| 84 06 26 | 07 47 | | 5 142 | 1 676 | | |
| 84 06 26 | 08 58 | | 5 231 | 1 705 | | |
| 84 06 26 | 09 47 | | 5 308 | 1 730 | | |
| 84 06 26 | 10 47 | | 5 399 | 1 759 | | |
| 84 06 26 | 11 52 | | 5 501 | 1 793 | | |
| 84 06 26 | 12 47 | | 5 585 | 1 820 | | |
| 84 06 26 | 13 47 | | 5 681 | 1 851 | | |
| 84 06 26 | 14 47 | | 5 781 | 1 884 | | |
| 84 06 26 | 16 00 | | 5 900 | 1 923 | | |
| 84 06 26 | 17 00 | | 5 996 | 1 954 | | |
| 84 06 26 | 18 00 | | 6 090 | 1 985 | | |
| 84 06 26 | 19 00 | | 6 198 | 2 020 | | |
| 84 06 26 | 20 00 | | 6 292 | 2 050 | | |
| 84 06 26 | 21 00 | | 6 388 | 2 082 | | |
| 84 06 26 | 22 00 | | 6 483 | 2 113 | | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 84 06 26 | 23 00 | | 6 589 | 2 147 | | |
| 84 06 27 | 00 00 | | 6 700 | 2 183 | | |
| 84 06 27 | 01 00 | | 6 774 | 2 207 | | |
| 84 06 27 | 02 00 | | 6 876 | 2 241 | | |
| 84 06 27 | 03 00 | | 6 973 | 2 272 | | |
| 84 06 27 | 04 00 | | 7 064 | 2 302 | | |
| 84 06 27 | 07 00 | | 7 360 | 2 398 | | |
| 84 06 27 | 08 00 | | 7 459 | 2 431 | | |
| 84 06 27 | 09 00 | | 7 544 | 2 458 | | |
| 84 06 27 | 10 00 | | 7 643 | 2 491 | | |
| 84 06 27 | 11 00 | | 7 742 | 2 523 | | |
| 84 06 27 | 12 00 | | 7 843 | 2 556 | | |
| 84 06 27 | 13 00 | | 7 939 | 2 587 | | |
| 84 06 27 | 14 00 | | 8 039 | 2 620 | | |
| 84 06 27 | 15 00 | | 8 139 | 2 652 | | |
| 84 06 27 | 16 00 | | 8 233 | 2 683 | | |
| 84 06 27 | 17 00 | | 8 332 | 2 715 | | |
| 84 06 27 | 18 00 | | 8 420 | 2 744 | | |
| 84 06 27 | 19 00 | | 8 525 | 2 778 | | |
| 84 06 27 | 20 00 | | 8 628 | 2 812 | | |
| 84 06 27 | 21 00 | | 8 730 | 2 845 | | |
| 84 06 27 | 22 00 | | 8 820 | 2 874 | | |
| 84 06 27 | 23 00 | | 8 909 | 2 903 | | |
| 84 06 28 | 00 00 | | 9 025 | 2 941 | | |
| 84 06 28 | 01 00 | | 9 100 | 2 965 | | |
| 84 06 28 | 02 00 | | 9 197 | 2 997 | | |
| 84 06 28 | 03 00 | | 9 320 | 3 037 | | |
| 84 06 28 | 04 00 | | 9 400 | 3 063 | | |
| 84 06 28 | 05 00 | | 9 493 | 3 093 | | |
| 84 06 28 | 06 00 | | 9 600 | 3 128 | | |
| 84 06 28 | 07 00 | | 9 680 | 3 154 | | |
| 84 06 28 | 08 00 | | 9 787 | 3 189 | | |
| 84 06 28 | 09 00 | | 9 882 | 3 220 | | |
| 84 06 28 | 10 00 | | 9 978 | 3 252 | | |
| 84 06 28 | 11 00 | | 10 078 | 3 284 | | |
| 84 06 28 | 12 00 | | 10 170 | 3 314 | | |
| 84 06 28 | 13 00 | | 10 270 | 3 347 | | |
| 84 06 28 | 14 00 | | 10 358 | 3 375 | | |
| 84 06 28 | 15 00 | | 10 454 | 3 407 | | |
| 84 06 28 | 16 00 | | 10 548 | 3 437 | | |
| 84 06 28 | 17 00 | | 10 639 | 3 467 | | |
| 84 06 28 | 18 00 | | 10 729 | 3 496 | | |
| 84 06 28 | 20 00 | | 10 759 | 3 506 | | |
| 84 06 28 | 21 00 | | 10 895 | 3 550 | | |
| 84 06 28 | 22 00 | | 11 030 | 3 594 | | |
| 84 06 28 | 23 00 | | 11 122 | 3 624 | | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 84 06 29 | 00 00 | | 11 226 | 3 658 | | |
| 84 06 29 | 01 00 | | 11 357 | 3 701 | | |
| 84 06 29 | 02 00 | | 11 459 | 3 734 | | |
| 84 06 29 | 03 00 | | 11 598 | 3 779 | | |
| 84 06 29 | 04 00 | | 11 700 | 3 813 | | |
| 84 06 29 | 05 00 | | 11 819 | 3 851 | | |
| 84 06 29 | 06 00 | | 11 942 | 3 892 | | |
| 84 06 29 | 07 00 | | 12 053 | 3 928 | | |
| 84 06 29 | 08 00 | | 12 173 | 3 967 | | |
| 84 06 29 | 09 00 | | 12 290 | 4 005 | | |
| 84 06 29 | 10 00 | | 12 407 | 4 043 | | |
| 84 06 29 | 11 00 | | 12 524 | 4 081 | | |
| 84 06 29 | 12 00 | | 12 641 | 4 119 | | |
| 84 06 29 | 13 00 | | 12 761 | 4 158 | | |
| 84 06 29 | 14 00 | | 12 874 | 4 195 | | |
| 84 06 29 | 15 00 | | 12 995 | 4 235 | | |
| 84 06 29 | 15 30 | | 13 051 | 4 253 | | |
| 84 07 30 | 07 00 | | 13 051 | 4 253 | | |
| 84 07 30 | 08 00 | | 13 176 | 4 294 | | |
| 84 07 30 | 09 00 | | 13 280 | 4 328 | | |
| 84 07 30 | 10 00 | | 13 403 | 4 368 | | |
| 84 07 30 | 11 00 | | 13 529 | 4 409 | | |
| 84 07 30 | 12 00 | | 13 660 | 4 451 | | |
| 84 07 30 | 13 00 | | 13 774 | 4 489 | | |
| 84 07 30 | 14 00 | | 13 920 | 4 536 | | |
| 84 07 30 | 15 00 | | 14 151 | 4 611 | | |
| 84 07 30 | 16 00 | | 14 277 | 4 652 | | |
| 84 07 30 | 17 00 | | 14 399 | 4 692 | | |
| 84 07 30 | 18 00 | | 14 540 | 4 738 | | |
| 84 07 30 | 19 00 | | 14 652 | 4 775 | | |
| 84 07 30 | 20 00 | | 14 769 | 4 813 | | |
| 84 07 30 | 23 00 | | 15 014 | 4 893 | | |
| 84 07 31 | 00 00 | | 15 129 | 4 930 | | |
| 84 07 31 | 01 00 | | 15 250 | 4 970 | | |
| 84 07 31 | 02 00 | | 15 373 | 5 010 | | |
| 84 07 31 | 03 00 | | 15 492 | 5 048 | | |
| 84 07 31 | 04 00 | | 15 614 | 5 088 | | |
| 84 07 31 | 05 00 | | 15 734 | 5 127 | | |
| 84 07 31 | 06 00 | | 15 850 | 5 165 | | |
| 84 07 31 | 07 00 | | 16 060 | 5 233 | | |
| 84 07 31 | 08 00 | | 16 128 | 5 256 | | |
| 84 07 31 | 09 00 | | 16 224 | 5 287 | | |
| 84 07 31 | 10 00 | | 16 368 | 5 334 | | |
| 84 07 31 | 11 00 | | 16 490 | 5 374 | | |
| 84 07 31 | 12 00 | | 16 580 | 5 403 | | |
| 84 07 31 | 13 00 | | 16 716 | 5 447 | | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 84 07 31 | 14 00 | | 16 831 | 5 485 | | |
| 84 07 31 | 15 00 | | 16 941 | 5 521 | | |
| 84 07 31 | 16 00 | | 17 059 | 5 559 | | |
| 84 07 31 | 17 00 | | 17 188 | 5 601 | | |
| 84 07 31 | 18 00 | | 17 262 | 5 625 | | |
| 84 07 31 | 19 00 | | 17 353 | 5 655 | | |
| 84 07 31 | 20 00 | | 17 474 | 5 694 | | |
| 84 07 31 | 21 00 | | 17 589 | 5 732 | | |
| 84 07 31 | 22 00 | | 17 702 | 5 769 | | |
| 84 07 31 | 23 00 | | 17 856 | 5 819 | | |
| 84 08 01 | 00 00 | | 17 957 | 5 852 | | |
| 84 08 01 | 01 00 | | 18 053 | 5 883 | | |
| 84 08 01 | 02 00 | | 18 170 | 5 921 | | |
| 84 08 01 | 03 00 | | 18 289 | 5 960 | | |
| 84 08 01 | 04 00 | | 18 405 | 5 998 | | |
| 84 08 01 | 05 00 | | 18 523 | 6 036 | | |
| 84 08 01 | 06 00 | | 18 641 | 6 075 | | |
| 84 08 01 | 07 00 | | 18 752 | 6 111 | | |
| 84 08 01 | 08 00 | | 18 872 | 6 150 | | |
| 84 08 01 | 09 00 | | 18 994 | 6 190 | | |
| 84 08 01 | 10 00 | | 19 110 | 6 227 | | |
| 84 08 01 | 11 00 | | 19 250 | 6 273 | | |
| 84 08 01 | 12 00 | | 19 342 | 6 303 | | |
| 84 08 01 | 13 00 | | 19 469 | 6 344 | | |
| 84 08 01 | 14 00 | | 19 595 | 6 385 | | |
| 84 08 01 | 15 00 | | 19 692 | 6 417 | | |
| 84 08 01 | 16 00 | | 19 811 | 6 456 | | |
| 84 08 01 | 17 00 | | 19 922 | 6 492 | | |
| 84 08 01 | 18 00 | | 20 040 | 6 530 | | |
| 84 08 01 | 19 00 | | 20 154 | 6 568 | | |
| 84 08 01 | 20 00 | | 20 273 | 6 606 | | |
| 84 08 01 | 21 00 | | 20 387 | 6 644 | | |
| 84 08 01 | 22 00 | | 20 504 | 6 682 | | |
| 84 09 20 | 12 30 | | 20 504 | 6 682 | 2 70 | |
| 84 09 20 | 16 30 | | 20 905 | 6 812 | 2 96 | |
| 84 09 20 | 20 30 | | 21 327 | 6 950 | 2 93 | |
| 84 09 21 | 00 30 | | 21 763 | 7 092 | 3 00 | |
| 84 09 21 | 04 30 | | 22 197 | 7 233 | 2 93 | |
| 84 09 21 | 08 30 | | 22 620 | 7 371 | 2 91 | |
| 84 09 21 | 09 11 | | 22 689 | 7 394 | 2 90 | |
| 84 11 20 | 12 00 | | 22 689 | 7 394 | 2 90 | |
| 84 11 21 | 22 30 | | 24 420 | 7 958 | 3 17 | |
| 84 12 01 | 09 30 | | 24 420 | 7 958 | 3 11 | |
| 84 12 01 | 13 45 | | 25 303 | 8 245 | 3 25 | |
| 84 12 01 | 15 00 | | 25 434 | 8 288 | | |
| 84 12 01 | 19 00 | | 26 445 | 8 618 | 3 23 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 84 12 01 | 22 00 | | 27 120 | 8 838 | 3 20 | |
| 84 12 19 | 14 00 | | 27 120 | 8 838 | 2 80 | |
| 84 12 19 | 16 00 | | 27 195 | 8 862 | | |
| 84 12 19 | 18 30 | | 27 747 | 9 042 | 2 90 | |
| 84 12 19 | 20 30 | | 28 205 | 9 191 | 3 30 | |
| 84 12 19 | 22 30 | | 28 631 | 9 330 | 3 40 | |
| 84 12 20 | 00 00 | | 29 091 | 9 480 | 3 40 | |
| 84 12 20 | 02 00 | | 29 424 | 9 588 | 3 40 | |
| 84 12 20 | 04 00 | | 29 775 | 9 703 | 3 40 | |
| 84 12 20 | 05 00 | | 29 904 | 9 745 | 3 50 | |
| 84 12 27 | 12 30 | | 29 904 | 9 745 | 3 30 | |
| 84 12 27 | 13 30 | | 30 180 | 9 835 | 3 30 | |
| 84 12 27 | 14 30 | | 30 379 | 9 900 | 3 30 | |
| 84 12 27 | 15 30 | | 30 738 | 10 017 | 3 40 | |
| 84 12 27 | 16 30 | | 31 083 | 10 129 | 3 40 | |
| 84 12 27 | 17 30 | | 31 560 | 10 284 | 3 40 | |
| 84 12 27 | 18 30 | | 31 866 | 10 384 | 3 40 | |
| 84 12 27 | 19 30 | | 32 013 | 10 432 | 3 40 | |
| 84 12 27 | 20 30 | | 32 240 | 10 506 | 3 40 | |
| 84 12 27 | 23 30 | | 32 390 | 10 555 | 3 40 | |
| 85 01 07 | 12 00 | | 32 390 | 10 555 | 3 10 | |
| 85 01 07 | 13 00 | | 32 597 | 10 622 | 3 10 | |
| 85 01 07 | 14 00 | | 32 806 | 10 690 | 3 30 | |
| 85 01 07 | 15 00 | | 33 028 | 10 763 | 3 30 | |
| 85 01 07 | 16 00 | | 33 350 | 10 868 | 3 30 | |
| 85 01 07 | 17 00 | | 33 529 | 10 926 | 3 30 | |
| 85 01 07 | 18 00 | | 33 777 | 11 007 | 3 30 | |
| 85 01 07 | 19 00 | | 34 024 | 11 087 | 3 30 | |
| 85 01 07 | 20 00 | | 34 220 | 11 151 | 3 20 | |
| 85 01 07 | 21 00 | | 34 456 | 11 228 | 3 30 | |
| 85 01 07 | 22 00 | | 34 703 | 11 309 | 2 90 | |
| 85 01 07 | 23 00 | | 34 734 | 11 319 | 3 10 | |
| 85 01 15 | 14 00 | | 34 734 | 11 319 | 3 10 | |
| 85 01 15 | 15 00 | | 35 122 | 11 445 | 3 10 | |
| 85 01 15 | 17 00 | | 35 407 | 11 538 | 3 10 | |
| 85 01 15 | 19 00 | | 35 857 | 11 685 | 3 40 | |
| 85 01 15 | 21 00 | | 36 305 | 11 831 | 3 50 | |
| 85 01 15 | 23 00 | | 36 764 | 11 980 | 3 50 | |
| 85 01 16 | 01 00 | | 37 216 | 12 128 | 3 50 | |
| 85 01 16 | 02 00 | | 37 395 | 12 186 | 3 50 | |
| 85 02 11 | 12 00 | | 37 470 | 12 210 | 3 30 | |
| 85 02 11 | 13 00 | | 37 783 | 12 312 | 3 20 | |
| 85 02 11 | 14 00 | | 37 977 | 12 376 | 3 10 | |
| 85 02 11 | 15 00 | | 38 141 | 12 429 | 3 20 | |
| 85 02 11 | 16 00 | | 38 365 | 12 502 | 3 20 | |
| 85 02 11 | 17 00 | | 38 582 | 12 573 | 3 10 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 02 11 | 18 00 | | 38 795 | 12 642 | 3 20 | |
| 85 02 11 | 19 00 | | 39 029 | 12 718 | 3 20 | |
| 85 02 11 | 20 00 | | 39 246 | 12 789 | 3 30 | |
| 85 02 11 | 21 00 | | 39 472 | 12 863 | 3 60 | |
| 85 02 11 | 22 00 | | 39 638 | 12 917 | 3 60 | |
| 85 02 13 | 14 00 | | 39 638 | 12 917 | 3 50 | |
| 85 02 13 | 17 00 | | 40 047 | 13 050 | 3 50 | |
| 85 02 13 | 18 00 | | 40 277 | 13 125 | 3 50 | |
| 85 02 13 | 19 00 | | 40 486 | 13 193 | 3 40 | |
| 85 02 13 | 20 00 | | 40 694 | 13 261 | 3 50 | |
| 85 02 13 | 21 00 | | 40 870 | 13 318 | 3 50 | |
| 85 02 13 | 22 00 | | 41 016 | 13 366 | 3 50 | |
| 85 02 13 | 23 00 | | 41 134 | 13 404 | 3 50 | |
| 85 02 14 | 00 00 | | 41 253 | 13 443 | 3 20 | |
| 85 02 15 | 00 00 | | 41 346 | 13 473 | 3 40 | |
| 85 02 16 | 02 00 | | 41 710 | 13 592 | 3 30 | |
| 85 02 16 | 04 00 | | 42 183 | 13 746 | 3 30 | |
| 85 02 16 | 06 00 | | 42 644 | 13 896 | 3 40 | |
| 85 02 16 | 08 00 | | 42 919 | 13 986 | 3 60 | |
| 85 02 19 | 15 30 | | 42 919 | 13 986 | 3 50 | |
| 85 02 19 | 17 30 | | 43 461 | 14 163 | 3 60 | |
| 85 02 19 | 19 30 | | 43 923 | 14 313 | 3 60 | |
| 85 02 19 | 21 30 | | 44 440 | 14 482 | 3 60 | |
| 85 02 19 | 23 30 | | 44 808 | 14 602 | 3 60 | |
| 85 02 20 | 00 00 | | 44 942 | 14 645 | 3 60 | |
| 85 02 21 | 17 00 | | 44 999 | 14 664 | 3 60 | |
| 85 02 21 | 19 00 | | 45 493 | 14 825 | 3 60 | |
| 85 02 21 | 21 00 | | 45 889 | 14 954 | 3 60 | |
| 85 02 21 | 23 00 | | 46 191 | 15 052 | 3 50 | |
| 85 02 22 | 01 00 | | 46 591 | 15 183 | 3 50 | |
| 85 02 22 | 03 00 | | 47 040 | 15 329 | 3 50 | |
| 85 02 22 | 05 00 | | 47 485 | 15 474 | 3 50 | |
| 85 02 22 | 07 00 | | 47 816 | 15 582 | 3 40 | |
| 85 02 22 | 08 00 | | 48 096 | 15 673 | 3 50 | |
| 85 02 22 | 13 00 | | 48 477 | 15 797 | 3 70 | |
| 85 02 22 | 15 00 | | 48 821 | 15 909 | 3 60 | |
| 85 02 22 | 17 00 | | 48 973 | 15 959 | 3 70 | |
| 85 02 22 | 23 00 | | 49 382 | 16 092 | 3 70 | |
| 85 02 23 | 00 30 | | 49 496 | 16 129 | 3 70 | |
| 85 02 28 | 11 30 | | 49 496 | 16 129 | 3 60 | |
| 85 02 28 | 13 30 | | 49 962 | 16 281 | 3 70 | |
| 85 02 28 | 15 30 | | 50 378 | 16 417 | 3 70 | |
| 85 03 07 | 10 30 | | 51 356 | 16 735 | 3 40 | |
| 85 03 07 | 12 30 | | 51 356 | 16 735 | 3 80 | |
| 85 03 07 | 14 30 | | 52 240 | 17 023 | 4 80 | |
| 85 03 07 | 16 30 | | 52 689 | 17 170 | 3 70 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 03 07 | 18 00 | | 52 840 | 17 219 | 3 60 | |
| 85 03 07 | 20 00 | | 53 111 | 17 307 | 3 60 | |
| 85 03 07 | 22 00 | | 53 391 | 17 399 | 3 40 | |
| 85 03 08 | 00 00 | | 53 660 | 17 486 | 3 40 | |
| 85 03 08 | 02 00 | | 53 942 | 17 578 | 3 50 | |
| 85 03 08 | 04 00 | | 54 102 | 17 630 | 3 60 | |
| 85 03 08 | 06 00 | | 54 497 | 17 759 | 3 40 | |
| 85 03 08 | 08 00 | | 54 768 | 17 847 | 3 30 | |
| 85 03 08 | 10 00 | | 55 049 | 17 939 | 3 90 | |
| 85 03 08 | 12 00 | | 55 286 | 18 016 | 3 40 | |
| 85 03 08 | 14 00 | | 55 571 | 18 109 | 3 50 | |
| 85 03 08 | 16 00 | | 55 933 | 18 227 | 3 40 | |
| 85 03 08 | 18 00 | | 56 212 | 18 318 | 3 20 | |
| 85 03 08 | 20 00 | | 56 530 | 18 421 | 3 40 | |
| 85 03 08 | 22 00 | | 56 753 | 18 494 | 3 60 | |
| 85 03 09 | 00 00 | | 56 961 | 18 562 | 3 40 | |
| 85 03 09 | 02 00 | | 57 039 | 18 587 | 3 40 | |
| 85 05 29 | 11 00 | | 57 039 | 18 587 | 3 40 | |
| 85 05 29 | 12 17 | | 57 334 | 18 683 | 3 50 | |
| 85 05 29 | 13 00 | | 57 524 | 18 745 | 3 50 | |
| 85 05 29 | 14 00 | | 57 755 | 18 821 | 3 60 | |
| 85 05 29 | 15 00 | | 58 014 | 18 905 | 3 50 | |
| 85 05 29 | 16 00 | | 58 238 | 18 978 | 3 60 | |
| 85 05 29 | 17 00 | | 58 453 | 19 048 | 3 50 | |
| 85 05 29 | 18 00 | | 58 645 | 19 111 | 3 60 | |
| 85 05 29 | 19 00 | | 58 946 | 19 209 | 3 60 | |
| 85 05 29 | 20 00 | | 59 124 | 19 267 | 3 50 | |
| 85 05 29 | 23 00 | | 59 820 | 19 494 | 3 50 | |
| 85 05 30 | 00 00 | | 59 987 | 19 548 | 3 60 | |
| 85 05 30 | 02 30 | | 60 136 | 19 597 | 3 40 | |
| 85 05 30 | 03 30 | | 60 312 | 19 654 | 3 60 | |
| 85 05 30 | 04 30 | | 60 546 | 19 730 | 3 60 | |
| 85 05 30 | 05 30 | | 60 776 | 19 805 | 3 70 | |
| 85 05 30 | 06 00 | | 60 985 | 19 873 | 3 60 | |
| 85 05 30 | 07 30 | | 61 243 | 19 957 | 4 00 | |
| 85 05 30 | 08 30 | | 61 397 | 20 007 | 3 70 | |
| 85 05 30 | 09 30 | | 61 539 | 20 054 | 3 70 | |
| 85 05 30 | 10 30 | | 61 693 | 20 104 | 3 70 | |
| 85 05 30 | 16 30 | | 61 862 | 20 159 | 3 60 | |
| 85 05 30 | 17 30 | | 62 025 | 20 212 | 3 70 | |
| 85 05 30 | 18 30 | | 62 164 | 20 257 | 3 70 | |
| 85 05 31 | 14 00 | | 62 220 | 20 276 | 3 70 | |
| 85 05 31 | 17 30 | | 62 493 | 20 365 | 3 60 | |
| 85 05 31 | 18 30 | | 62 690 | 20 429 | 3 70 | |
| 85 05 31 | 19 30 | | 62 897 | 20 496 | 3 70 | |
| 85 05 31 | 20 30 | | 63 135 | 20 574 | 3 70 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 05 31 | 21 30 | | 63 360 | 20 647 | 3 70 | |
| 85 05 31 | 22 30 | | 63 610 | 20 729 | 3 70 | |
| 85 05 31 | 23 30 | | 63 837 | 20 803 | 3 70 | |
| 85 06 01 | 00 30 | | 64 044 | 20 870 | 3 80 | |
| 85 06 01 | 01 30 | | 64 251 | 20 937 | 3 80 | |
| 85 06 01 | 02 30 | | 64 459 | 21 005 | 3 70 | |
| 85 06 01 | 03 30 | | 64 615 | 21 056 | 3 70 | |
| 85 06 03 | 13 00 | | 64 615 | 21 056 | 3 70 | |
| 85 06 03 | 14 00 | | 64 775 | 21 108 | 4 20 | |
| 85 06 03 | 15 00 | | 64 951 | 21 166 | 3 80 | |
| 85 06 03 | 16 00 | | 65 120 | 21 221 | 3 90 | |
| 85 06 03 | 17 00 | | 65 322 | 21 286 | 3 80 | |
| 85 06 03 | 18 00 | | 65 536 | 21 356 | 3 90 | |
| 85 06 03 | 19 00 | | 65 719 | 21 416 | 3 90 | |
| 85 06 03 | 20 00 | | 65 946 | 21 490 | 3 90 | |
| 85 06 03 | 21 00 | | 66 139 | 21 553 | 3 90 | |
| 85 06 03 | 22 00 | | 66 334 | 21 616 | 4 00 | |
| 85 06 03 | 23 00 | | 66 666 | 21 724 | 3 90 | |
| 85 06 04 | 00 00 | | 66 794 | 21 766 | 3 80 | |
| 85 06 04 | 01 00 | | 66 950 | 21 817 | 3 90 | |
| 85 06 04 | 02 00 | | 67 093 | 21 864 | 3 90 | |
| 85 06 04 | 03 00 | | 67 266 | 21 920 | 3 90 | |
| 85 06 04 | 04 00 | | 67 409 | 21 967 | 3 90 | |
| 85 06 04 | 05 00 | | 67 532 | 22 007 | 3 80 | |
| 85 06 04 | 06 00 | | 67 662 | 22 049 | 3 80 | |
| 85 06 04 | 07 00 | | 67 831 | 22 104 | 3 90 | |
| 85 06 04 | 08 00 | | 67 932 | 22 137 | 4 00 | |
| 85 06 04 | 09 00 | | 68 050 | 22 175 | 3 70 | |
| 85 06 04 | 10 00 | | 68 136 | 22 203 | 4 00 | |
| 85 06 04 | 11 00 | | 68 238 | 22 237 | 3 80 | |
| 85 06 04 | 12 00 | | 68 342 | 22 271 | 3 90 | |
| 85 06 04 | 13 00 | | 68 442 | 22 303 | 3 60 | |
| 85 06 04 | 14 00 | | 68 532 | 22 333 | 3 90 | |
| 85 06 04 | 15 00 | | 68 619 | 22 361 | 3 90 | |
| 85 06 04 | 16 00 | | 68 710 | 22 391 | 4 00 | |
| 85 06 04 | 17 00 | | 68 800 | 22 420 | 3 90 | |
| 85 06 04 | 18 00 | | 68 886 | 22 448 | 3 90 | |
| 85 06 04 | 19 00 | | 69 009 | 22 488 | 4 00 | |
| 85 06 04 | 20 00 | | 69 143 | 22 532 | 4 00 | |
| 85 06 04 | 21 00 | | 69 265 | 22 571 | 3 90 | |
| 85 06 04 | 22 00 | | 69 381 | 22 609 | 4 00 | |
| 85 06 04 | 23 00 | | 69 515 | 22 653 | 3 70 | |
| 85 06 05 | 00 00 | | 69 642 | 22 694 | 3 90 | |
| 85 06 05 | 01 00 | | 69 736 | 22 725 | 4 00 | |
| 85 06 05 | 02 00 | | 69 874 | 22 770 | 3 90 | |
| 85 06 05 | 03 00 | | 69 989 | 22 807 | 3 90 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 06 05 | 04 00 | | 70 117 | 22 849 | 3 90 | |
| 85 06 05 | 05 00 | | 70 234 | 22 887 | 3 80 | |
| 85 06 05 | 06 00 | | 70 348 | 22 924 | 3 80 | |
| 85 06 05 | 07 00 | | 70 501 | 22 974 | 3 80 | |
| 85 06 05 | 08 00 | | 70 625 | 23 015 | 3 90 | |
| 85 06 05 | 09 00 | | 70 763 | 23 060 | 3 80 | |
| 85 06 05 | 11 00 | | 70 809 | 23 075 | 4 00 | |
| 85 06 05 | 14 00 | | 71 087 | 23 165 | 3 90 | |
| 85 06 05 | 15 00 | | 71 216 | 23 207 | 4 00 | |
| 85 06 05 | 16 00 | | 71 335 | 23 246 | 4 00 | |
| 85 06 05 | 17 00 | | 71 484 | 23 294 | 4 00 | |
| 85 06 05 | 18 00 | | 71 637 | 23 344 | 4 00 | |
| 85 06 06 | 04 30 | | 71 702 | 23 366 | 3 70 | |
| 85 06 06 | 05 00 | | 71 786 | 23 393 | 3 80 | |
| 85 06 06 | 06 00 | | 71 923 | 23 438 | 3 90 | |
| 85 06 06 | 07 00 | | 72 080 | 23 489 | 3 70 | |
| 85 06 06 | 08 00 | | 72 202 | 23 528 | 4 00 | |
| 85 06 06 | 09 00 | | 72 332 | 23 571 | 3 90 | |
| 85 06 06 | 10 00 | | 72 462 | 23 613 | 3 80 | |
| 85 06 06 | 11 00 | | 72 602 | 23 659 | 3 70 | |
| 85 06 06 | 12 00 | | 72 680 | 23 684 | 3 80 | |
| 85 06 06 | 13 00 | | 72 822 | 23 731 | 3 80 | |
| 85 06 06 | 14 00 | | 72 959 | 23 775 | 3 80 | |
| 85 06 06 | 15 00 | | 73 146 | 23 836 | 3 90 | |
| 85 06 06 | 16 00 | | 73 277 | 23 879 | 3 90 | |
| 85 06 06 | 17 00 | | 73 422 | 23 926 | 4 00 | |
| 85 06 06 | 18 00 | | 73 532 | 23 962 | 4 00 | |
| 85 06 06 | 19 00 | | 73 652 | 24 001 | 4 00 | |
| 85 06 06 | 20 00 | | 73 773 | 24 040 | 4 00 | |
| 85 06 06 | 21 00 | | 73 880 | 24 075 | 4 00 | |
| 85 06 06 | 22 00 | | 74 015 | 24 119 | 4 00 | |
| 85 06 06 | 23 00 | | 74 131 | 24 157 | 3 90 | |
| 85 06 07 | 00 00 | | 74 232 | 24 190 | 3 90 | |
| 85 06 07 | 01 00 | | 74 344 | 24 226 | 3 90 | |
| 85 06 07 | 02 00 | | 74 454 | 24 262 | 3 90 | |
| 85 06 07 | 03 00 | | 74 580 | 24 303 | 3 90 | |
| 85 06 07 | 04 00 | | 74 700 | 24 342 | 3 90 | |
| 85 06 07 | 05 00 | | 74 817 | 24 381 | 3 90 | |
| 85 06 07 | 06 00 | | 74 942 | 24 421 | 3 90 | |
| 85 06 07 | 07 00 | | 75 044 | 24 455 | 4 00 | |
| 85 06 07 | 08 00 | | 75 168 | 24 495 | 3 80 | |
| 85 06 07 | 09 00 | | 75 290 | 24 535 | 3 90 | |
| 85 06 07 | 09 35 | | 75 354 | 24 556 | | |
| 85 06 10 | 07 30 | | 75 354 | 24 556 | 3 40 | |
| 85 06 10 | 09 00 | | 75 470 | 24 593 | 3 40 | |
| 85 06 10 | 11 27 | | 75 700 | 24 668 | 3 40 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 06 10 | 13 30 | | 75 925 | 24 742 | 3 50 | |
| 85 06 10 | 16 00 | | 75 953 | 24 751 | 3 70 | |
| 85 06 10 | 17 00 | | 76 074 | 24 790 | 3 60 | |
| 85 06 10 | 18 00 | | 76 183 | 24 826 | 4 00 | |
| 85 06 10 | 19 00 | | 76 323 | 24 871 | 4 00 | |
| 85 06 10 | 20 00 | | 76 448 | 24 912 | 4 00 | |
| 85 06 10 | 21 00 | | 76 587 | 24 957 | 3 90 | |
| 85 06 10 | 22 00 | | 76 706 | 24 996 | 4 00 | |
| 85 06 10 | 23 00 | | 76 834 | 25 038 | 3 90 | |
| 85 06 11 | 00 00 | | 76 962 | 25 080 | 4 00 | |
| 85 06 11 | 01 00 | | 77 083 | 25 119 | 4 00 | |
| 85 06 11 | 02 00 | | 77 226 | 25 166 | 4 00 | |
| 85 06 11 | 03 00 | | 77 346 | 25 205 | 4 00 | |
| 85 06 11 | 04 00 | | 77 459 | 25 242 | 4 00 | |
| 85 06 11 | 05 00 | | 77 607 | 25 290 | 4 00 | |
| 85 06 11 | 06 00 | | 77 735 | 25 332 | 4 00 | |
| 85 06 11 | 07 00 | | 77 885 | 25 380 | 3 90 | |
| 85 06 11 | 09 00 | | 78 112 | 25 454 | 3 90 | |
| 85 06 11 | 11 00 | | 78 371 | 25 539 | 4 10 | |
| 85 06 11 | 14 40 | | 78 650 | 25 630 | 4 20 | |
| 85 06 11 | 15 00 | | 78 680 | 25 639 | 4 20 | |
| 85 06 11 | 17 00 | | 78 909 | 25 714 | 4 30 | |
| 85 06 11 | 19 00 | | 79 139 | 25 789 | 4 30 | |
| 85 06 11 | 21 00 | | 79 371 | 25 865 | 4 20 | |
| 85 06 11 | 23 00 | | 79 595 | 25 938 | 4 30 | |
| 85 06 12 | 09 00 | | 79 639 | 25 952 | 3 90 | |
| 85 06 12 | 11 00 | | 79 864 | 26 025 | 3 70 | |
| 85 06 12 | 13 00 | | 80 103 | 26 103 | 4 00 | |
| 85 06 12 | 15 00 | | 80 361 | 26 187 | 4 20 | |
| 85 06 12 | 17 00 | | 80 610 | 26 268 | 4 00 | |
| 85 06 12 | 19 00 | | 80 895 | 26 361 | 4 20 | |
| 85 06 12 | 21 00 | | 81 138 | 26 440 | 4 20 | |
| 85 06 12 | 23 00 | | 81 410 | 26 529 | 4 00 | |
| 85 06 13 | 01 00 | | 81 665 | 26 612 | 4 00 | |
| 85 06 13 | 03 00 | | 81 928 | 26 698 | 3 80 | |
| 85 06 13 | 07 00 | | 82 165 | 26 775 | 3 90 | |
| 85 06 18 | 17 00 | | 82 227 | 26 795 | 3 90 | |
| 85 06 18 | 19 00 | | 82 533 | 26 895 | 4 20 | |
| 85 06 18 | 21 00 | | 82 816 | 26 987 | 4 10 | |
| 85 06 18 | 23 00 | | 83 074 | 27 071 | 4 00 | |
| 85 06 19 | 01 00 | | 83 332 | 27 155 | 3 90 | |
| 85 06 19 | 03 00 | | 83 521 | 27 217 | 4 00 | |
| 85 06 19 | 05 00 | | 83 690 | 27 272 | 4 00 | |
| 85 06 19 | 06 30 | | 83 846 | 27 323 | 4 00 | |
| 85 06 19 | 08 00 | | 83 846 | 27 323 | 4 00 | |
| 85 06 19 | 10 00 | | 84 030 | 27 383 | 4 10 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 06 19 | 12 00 | | 84 293 | 27 469 | 4 00 | |
| 85 06 19 | 14 00 | | 84 550 | 27 552 | 4 00 | |
| 85 06 19 | 16 00 | | 84 830 | 27 644 | 4 00 | |
| 85 06 19 | 18 00 | | 85 102 | 27 732 | 4 10 | |
| 85 06 19 | 20 00 | | 85 337 | 27 809 | 4 10 | |
| 85 06 19 | 21 30 | | 85 510 | 27 865 | | |
| 85 06 20 | 10 00 | | 85 510 | 27 865 | 4 00 | |
| 85 06 20 | 12 00 | | 85 703 | 27 928 | 4 20 | |
| 85 06 20 | 14 00 | | 85 967 | 28 014 | 3 90 | |
| 85 06 20 | 16 00 | | 86 241 | 28 103 | 4 00 | |
| 85 06 20 | 18 00 | | 86 516 | 28 193 | 3 80 | |
| 85 06 20 | 20 00 | | 86 788 | 28 282 | 3 90 | |
| 85 06 20 | 22 00 | | 87 031 | 28 361 | 3 90 | |
| 85 06 21 | 00 00 | | 87 209 | 28 419 | 3 80 | |
| 85 06 21 | 02 00 | | 87 352 | 28 465 | 3 80 | |
| 85 06 21 | 06 00 | | 87 352 | 28 465 | 3 80 | |
| 85 06 21 | 07 00 | | 87 424 | 28 489 | 3 80 | |
| 85 06 21 | 09 00 | | 87 634 | 28 557 | 3 90 | |
| 85 06 21 | 09 20 | | 87 661 | 28 566 | 3 90 | |
| 85 07 11 | 22 00 | | 87 661 | 28 566 | 3 10 | |
| 85 07 12 | 00 00 | | 88 033 | 28 687 | 3 10 | |
| 85 07 12 | 02 00 | | 88 498 | 28 839 | 3 90 | |
| 85 07 12 | 04 00 | | 88 940 | 28 983 | 3 80 | |
| 85 07 12 | 06 00 | | 89 422 | 29 140 | 3 90 | |
| 85 07 12 | 08 00 | | 89 739 | 29 243 | | |
| 85 07 17 | 21 00 | | 89 739 | 29 243 | 3 80 | |
| 85 07 17 | 23 00 | | 90 100 | 29 361 | 3 90 | |
| 85 07 18 | 01 00 | | 90 520 | 29 498 | 3 90 | |
| 85 07 18 | 03 00 | | 90 816 | 29 594 | 3 90 | |
| 85 07 18 | 05 00 | | 91 149 | 29 703 | 3 90 | |
| 85 07 18 | 06 00 | | 91 554 | 29 835 | 3 90 | |
| 85 07 19 | 20 30 | | 91 554 | 29 835 | 3 70 | |
| 85 07 19 | 22 30 | | 91 981 | 29 974 | 3 90 | |
| 85 07 20 | 00 30 | | 92 203 | 30 046 | 3 60 | |
| 85 07 20 | 02 30 | | 92 482 | 30 137 | 4 00 | |
| 85 07 20 | 04 30 | | 92 796 | 30 239 | 4 00 | |
| 85 07 20 | 06 00 | | 93 008 | 30 309 | 4 00 | |
| 85 07 22 | 15 30 | | 93 008 | 30 309 | 4 00 | |
| 85 07 22 | 17 30 | | 93 325 | 30 412 | 4 00 | |
| 85 07 22 | 19 30 | | 93 630 | 30 511 | 4 00 | |
| 85 07 22 | 21 30 | | 93 926 | 30 608 | 4 00 | |
| 85 07 22 | 23 30 | | 94 238 | 30 709 | 4 00 | |
| 85 07 23 | 01 30 | | 94 539 | 30 807 | 4 00 | |
| 85 07 23 | 03 30 | | 94 899 | 30 925 | 4 00 | |
| 85 07 23 | 09 30 | | 95 763 | 31 206 | 3 90 | |
| 85 07 23 | 11 30 | | 96 061 | 31 303 | 3 80 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 07 23 | 13 30 | | 96 365 | 31 402 | 4 00 | |
| 85 07 23 | 15 30 | | 96 663 | 31 500 | 4 00 | |
| 85 07 23 | 17 30 | | 96 971 | 31 600 | 3 90 | |
| 85 07 23 | 19 30 | | 97 305 | 31 709 | 3 90 | |
| 85 07 23 | 21 30 | | 97 634 | 31 816 | 4 30 | |
| 85 07 23 | 23 30 | | 97 983 | 31 930 | 4 00 | |
| 85 07 24 | 01 30 | | 98 254 | 32 018 | 3 90 | |
| 85 07 24 | 03 30 | | 98 584 | 32 126 | 4 00 | |
| 85 07 24 | 04 15 | | 98 672 | 32 154 | | |
| 85 07 24 | 14 00 | | 98 672 | 32 154 | 3 70 | |
| 85 07 24 | 16 00 | | 98 894 | 32 227 | 4 10 | |
| 85 07 24 | 18 00 | | 99 132 | 32 304 | 4 10 | |
| 85 07 24 | 19 30 | | 99 291 | 32 356 | 4 10 | |
| 85 07 25 | 05 30 | | 99 291 | 32 356 | 3 40 | |
| 85 07 25 | 06 30 | | 99 571 | 32 447 | 3 50 | |
| 85 07 25 | 07 30 | | 99 861 | 32 542 | 3 60 | |
| 85 07 25 | 09 30 | | 100 048 | 32 603 | 3 90 | |
| 85 07 25 | 10 20 | | 100 123 | 32 627 | 3 90 | |
| 85 08 12 | 13 10 | | 100 123 | 32 627 | 3 60 | |
| 85 08 12 | 13 36 | | 100 231 | 32 662 | 3 60 | |
| 85 08 12 | 14 45 | | 100 231 | 32 662 | 3 60 | |
| 85 08 12 | 17 00 | | 100 746 | 32 830 | 4 60 | |
| 85 08 12 | 19 00 | | 101 186 | 32 973 | 4 20 | |
| 85 08 12 | 21 00 | | 101 660 | 33 128 | 4 10 | |
| 85 08 12 | 23 00 | | 102 128 | 33 280 | 4 20 | |
| 85 08 13 | 01 00 | | 102 562 | 33 422 | 4 20 | |
| 85 08 13 | 03 00 | | 103 033 | 33 575 | 4 20 | |
| 85 08 13 | 05 00 | | 103 464 | 33 716 | 4 10 | |
| 85 08 13 | 07 12 | | 103 782 | 33 819 | 4 10 | |
| 85 08 13 | 09 00 | | 103 955 | 33 876 | 4 10 | |
| 85 08 13 | 09 10 | | 103 964 | 33 879 | 4 10 | |
| 85 08 13 | 09 44 | | 103 964 | 33 879 | 4 00 | |
| 85 08 13 | 14 00 | | 104 386 | 34 016 | 4 10 | |
| 85 08 13 | 16 00 | | 104 587 | 34 082 | 4 10 | |
| 85 08 13 | 18 00 | | 104 790 | 34 148 | 4 10 | |
| 85 08 13 | 20 00 | | 104 984 | 34 211 | 4 20 | |
| 85 08 13 | 22 00 | | 105 255 | 34 299 | 4 20 | |
| 85 08 14 | 00 00 | | 105 520 | 34 386 | 4 20 | |
| 85 08 14 | 02 00 | | 105 811 | 34 481 | 4 20 | |
| 85 08 14 | 04 00 | | 106 105 | 34 576 | 4 20 | |
| 85 08 14 | 06 00 | | 106 399 | 34 672 | 4 20 | |
| 85 08 14 | 08 00 | | 106 710 | 34 774 | 4 10 | |
| 85 08 14 | 10 00 | | 106 975 | 34 860 | 4 10 | |
| 85 08 14 | 12 00 | | 107 228 | 34 942 | 4 10 | |
| 85 08 14 | 14 00 | | 107 483 | 35 025 | 4 20 | |
| 85 08 14 | 16 00 | | 107 730 | 35 106 | 4 20 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 08 14 | 18 00 | | 107 932 | 35 172 | 4 30 | |
| 85 08 14 | 20 00 | | 108 130 | 35 236 | 4 20 | |
| 85 08 14 | 22 00 | | 108 336 | 35 303 | 4 30 | |
| 85 08 15 | 00 00 | | 108 531 | 35 367 | 4 20 | |
| 85 08 15 | 02 00 | | 108 742 | 35 436 | 4 20 | |
| 85 08 15 | 04 00 | | 108 944 | 35 502 | 4 20 | |
| 85 08 15 | 06 00 | | 109 142 | 35 566 | 4 20 | |
| 85 08 15 | 08 00 | | 109 371 | 35 641 | 4 20 | |
| 85 08 15 | 10 00 | | 109 619 | 35 722 | 4 20 | |
| 85 08 15 | 12 00 | | 109 865 | 35 802 | 4 20 | |
| 85 08 15 | 14 00 | | 110 111 | 35 882 | 4 20 | |
| 85 08 15 | 16 00 | | 110 340 | 35 956 | 4 20 | |
| 85 08 15 | 17 45 | | 110 561 | 36 029 | 4 20 | |
| 85 08 15 | 18 15 | | 110 561 | 36 029 | 4 20 | |
| 85 08 15 | 20 00 | | 110 779 | 36 100 | 4 30 | |
| 85 08 15 | 22 00 | | 111 087 | 36 200 | 4 40 | |
| 85 08 16 | 00 00 | | 111 379 | 36 295 | 4 20 | |
| 85 08 16 | 02 00 | | 111 678 | 36 393 | 4 20 | |
| 85 08 16 | 04 00 | | 111 976 | 36 490 | 4 30 | |
| 85 08 16 | 06 00 | | 112 273 | 36 586 | 4 30 | |
| 85 08 16 | 08 00 | | 112 565 | 36 682 | 4 20 | |
| 85 08 16 | 09 00 | | 112 565 | 36 682 | 4 10 | |
| 85 08 16 | 10 40 | | 112 829 | 36 768 | 4 20 | |
| 85 08 16 | 10 55 | | 112 860 | 36 778 | 4 40 | |
| 85 08 16 | 12 00 | | 112 957 | 36 809 | 4 20 | |
| 85 08 16 | 14 00 | | 113 303 | 36 922 | 4 20 | |
| 85 08 16 | 16 00 | | 113 547 | 37 002 | 4 10 | |
| 85 08 16 | 18 00 | | 113 848 | 37 100 | 4 30 | |
| 85 08 16 | 20 00 | | 114 216 | 37 220 | 4 20 | |
| 85 08 16 | 22 00 | | 114 552 | 37 329 | 4 20 | |
| 85 08 17 | 00 00 | | 114 891 | 37 440 | 4 20 | |
| 85 08 17 | 02 00 | | 115 244 | 37 555 | 4 20 | |
| 85 08 17 | 04 00 | | 115 587 | 37 666 | 4 20 | |
| 85 08 17 | 06 00 | | 115 936 | 37 780 | 4 20 | |
| 85 08 17 | 08 00 | | 116 285 | 37 894 | 4 20 | |
| 85 08 17 | 10 00 | | 116 639 | 38 009 | 4 10 | |
| 85 08 17 | 12 00 | | 116 974 | 38 118 | 4 20 | |
| 85 08 17 | 14 00 | | 117 239 | 38 205 | 4 20 | |
| 85 08 17 | 16 00 | | 117 516 | 38 295 | 4 30 | |
| 85 08 17 | 18 00 | | 117 782 | 38 382 | 4 40 | |
| 85 08 17 | 20 00 | | 118 075 | 38 477 | 4 50 | |
| 85 08 17 | 21 30 | | 118 269 | 38 540 | 4 40 | |
| 85 08 20 | 00 00 | | 118 269 | 38 540 | 3 40 | |
| 85 08 20 | 02 10 | | 123 841 | 40 356 | 4 30 | |
| 85 08 20 | 19 00 | | 123 841 | 40 356 | 3 80 | |
| 85 08 22 | 05 00 | | 127 851 | 41 663 | 4 30 | |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 08 22 | 06 30 | | 127 851 | 41 663 | 3 90 | |
| 85 08 22 | 07 00 | | 127 901 | 41 679 | 4 20 | |
| 85 08 22 | 08 30 | | 127 901 | 41 679 | 4 00 | |
| 85 08 22 | 11 00 | | 128 171 | 41 767 | 4 30 | |
| 85 08 22 | 13 00 | | 128 171 | 41 767 | 4 00 | |
| 85 08 22 | 14 10 | | 128 288 | 41 805 | 4 20 | |
| 85 08 26 | 15 10 | | 128 288 | 41 805 | 3 40 | |
| 85 08 28 | 08 25 | | 134 264 | 43 753 | 4 30 | |
| 85 09 03 | 09 30 | | 134 264 | 43 753 | 3 60 | |
| 85 09 03 | 10 00 | | 134 486 | 43 825 | | |
| 85 09 03 | 10 30 | | 134 486 | 43 825 | 4 10 | |
| 85 09 05 | 00 15 | | 141 147 | 45 996 | 4 30 | |
| 85 09 05 | 10 19 | | 141 147 | 45 996 | 4 10 | |
| 85 09 06 | 03 50 | | 143 661 | 46 815 | 4 30 | |
| 85 09 06 | 06 00 | | 143 661 | 46 815 | 4 20 | |
| 85 09 06 | 10 00 | | 144 385 | 47 051 | 4 20 | |
| 85 09 06 | 11 45 | | 144 385 | 47 051 | 4 10 | |
| 85 09 06 | 15 30 | | 144 950 | 47 235 | 4 20 | |
| 85 09 06 | 16 00 | | 144 950 | 47 235 | 4 20 | |
| 85 09 07 | 00 10 | | 146 284 | 47 670 | 4 40 | |
| 85 09 09 | 16 00 | | 146 284 | 47 670 | 3 90 | |
| 85 09 10 | 07 15 | | 149 223 | 48 627 | 4 30 | |
| 85 09 10 | 10 30 | | 149 223 | 48 627 | 4 10 | |
| 85 09 11 | 14 00 | | 153 489 | 50 017 | 4 30 | |
| 85 09 11 | 16 00 | | 153 489 | 50 017 | | |
| 85 09 12 | 04 00 | | 155 400 | 50 640 | 4 30 | |
| 85 09 16 | 07 30 | | 156 948 | 51 145 | 3 90 | |
| 85 09 17 | 00 10 | | 159 637 | 52 021 | 4 40 | |
| 85 09 17 | 00 30 | | 159 637 | 52 021 | 4 20 | |
| 85 09 18 | 00 30 | | 162 320 | 52 895 | 4 40 | |
| 85 09 18 | 10 30 | | 162 320 | 52 895 | 4 10 | |
| 85 09 20 | 10 30 | | 169 484 | 55 230 | 4 30 | |
| 85 09 20 | 14 00 | | 169 484 | 55 230 | 4 10 | |
| 85 09 21 | 00 35 | | 171 426 | 55 863 | 4 40 | |
| 85 09 21 | 05 15 | | 171 426 | 55 863 | 4 10 | |
| 85 09 21 | 06 38 | | 171 627 | 55 928 | 4 30 | |
| 85 09 23 | 01 55 | | 171 627 | 55 928 | 4 10 | |
| 85 09 23 | 02 25 | | 171 700 | 55 952 | 4 20 | |
| 85 09 24 | 03 30 | | 171 700 | 55 952 | 4 20 | |
| 85 09 24 | 08 00 | | 172 493 | 56 210 | 4 20 | |
| 85 09 24 | 15 30 | | 172 493 | 56 210 | 4 30 | |
| 85 09 24 | 23 15 | | 173 819 | 56 642 | 4 40 | |
| 85 09 25 | 15 30 | | 173 819 | 56 642 | 4 40 | |
| 85 09 25 | 21 00 | | 174 833 | 56 973 | 4 50 | |
| 85 09 26 | 02 30 | | 174 833 | 56 973 | 4 40 | |
| 85 09 26 | 06 00 | | 175 343 | 57 139 | 4 40 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 85 09 26 | 08 00 | | 175 343 | 57 139 | 4 00 | |
| 85 09 26 | 12 45 | | 175 991 | 57 350 | 4 20 | |
| 85 09 26 | 14 00 | | 175 991 | 57 350 | 4 20 | |
| 85 09 28 | 07 00 | | 181 909 | 59 279 | 4 40 | |
| 85 09 30 | 19 00 | | 181 909 | 59 279 | 4 50 | |
| 85 10 01 | 02 30 | | 183 058 | 59 653 | 4 40 | |
| 85 10 01 | 15 50 | | 183 058 | 59 653 | 4 40 | |
| 85 10 02 | 08 15 | | 185 291 | 60 381 | 4 30 | |
| 85 10 02 | 11 30 | | 185 291 | 60 381 | 4 20 | |
| 85 10 03 | 17 00 | | 189 281 | 61 681 | 4 40 | |
| 85 10 03 | 19 00 | | 189 281 | 61 681 | | |
| 85 10 04 | 00 35 | | 189 987 | 61 911 | | |
| 85 10 07 | 08 00 | | 189 987 | 61 911 | 4 00 | |
| 85 10 08 | 00 55 | | 192 515 | 62 735 | 4 40 | |
| 85 10 08 | 04 30 | | 192 515 | 62 735 | 4 30 | |
| 85 10 08 | 09 00 | | 193 113 | 62 930 | 4 30 | |
| 85 10 08 | 16 15 | | 193 113 | 62 930 | 4 30 | |
| 85 10 09 | 01 45 | | 196 064 | 63 891 | 4 40 | |
| 85 10 09 | 16 00 | | 196 064 | 63 891 | 4 40 | |
| 85 10 09 | 23 15 | | 197 093 | 64 227 | 4 30 | |
| 86 01 21 | 12 30 | | 197 290 | 64 291 | 4 40 | |
| 86 01 21 | 15 00 | | 197 642 | 64 406 | 4 40 | |
| 86 01 22 | 07 30 | | 197 642 | 64 406 | 4 20 | |
| 86 01 22 | 09 30 | | 197 841 | 64 470 | 4 50 | |
| 86 01 22 | 10 00 | | 197 841 | 64 470 | 4 50 | |
| 86 01 22 | 10 16 | | 197 888 | 64 486 | 4 50 | |
| 86 01 23 | 11 15 | | 197 888 | 64 486 | 4 40 | |
| 86 01 23 | 15 00 | | 198 701 | 64 751 | 4 50 | |
| 86 01 24 | 07 30 | | 198 701 | 64 751 | 4 50 | |
| 86 01 24 | 11 30 | | 199 512 | 65 015 | 4 30 | |
| 86 01 29 | 08 30 | | 199 647 | 65 059 | 4 40 | |
| 86 01 29 | 16 00 | | 201 030 | 65 510 | 4 40 | |
| 86 01 30 | 08 30 | | 201 030 | 65 510 | 4 50 | |
| 86 01 30 | 15 30 | | 202 490 | 65 985 | 4 50 | |
| 86 02 03 | 09 30 | | 202 490 | 65 985 | 4 40 | |
| 86 02 03 | 14 30 | | 203 517 | 66 320 | 4 50 | |
| 86 02 04 | 09 00 | | 203 517 | 66 320 | 4 30 | |
| 86 02 04 | 12 00 | | 204 176 | 66 535 | 4 50 | |
| 86 02 04 | 14 30 | | 204 176 | 66 535 | 4 60 | |
| 86 02 04 | 16 00 | | 204 425 | 66 616 | 4 10 | |
| 86 02 05 | 10 00 | | 204 425 | 66 616 | 4 50 | |
| 86 02 05 | 12 00 | | 204 685 | 66 701 | | |
| 86 02 06 | 08 30 | | 204 685 | 66 701 | 4 70 | |
| 86 02 06 | 12 30 | | 205 477 | 66 959 | 4 60 | |
| 86 02 07 | 09 00 | | 205 477 | 66 959 | 4 60 | |
| 86 02 07 | 11 00 | | 205 851 | 67 081 | 4 70 | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 02 11 | 09 30 | 1649 98 | 205 851 | 67 081 | 4 40 | 7 0 |
| 86 02 11 | 11 30 | 1629 05 | 206 180 | 67 188 | 4 63 | 11 0 |
| 86 02 11 | 13 30 | 1628 57 | 206 614 | 67 329 | 4 67 | 11 0 |
| 86 02 11 | 15 30 | 1628 55 | 207 019 | 67 461 | 4 80 | 11 0 |
| 86 02 11 | 16 00 | 1647 17 | 207 120 | 67 494 | 4 76 | 11 0 |
| 86 02 12 | 10 30 | 1649 80 | 207 120 | 67 494 | 4 43 | 11 0 |
| 86 02 12 | 12 30 | 1633 76 | 207 517 | 67 624 | 4 82 | 11 0 |
| 86 02 12 | 14 30 | 1644 92 | 207 882 | 67 743 | 4 75 | 11 0 |
| 86 02 14 | 10 30 | 1650 13 | 207 882 | 67 743 | 4 55 | 9 0 |
| 86 02 14 | 12 30 | 1629 09 | 208 271 | 67 869 | 4 57 | 11 0 |
| 86 02 14 | 14 30 | 1628 80 | 208 652 | 67 993 | 4 74 | 11 0 |
| 86 02 14 | 16 00 | 1644 92 | 208 945 | 68 089 | 4 47 | 11 0 |
| 86 02 17 | 09 00 | 1650 38 | 208 945 | 68 089 | 4 45 | 14 4 |
| 86 02 17 | 11 00 | 1627 71 | 209 353 | 68 222 | 4 87 | 14 4 |
| 86 02 17 | 13 00 | 1622 25 | 209 802 | 68 368 | 4 97 | 14 4 |
| 86 02 17 | 15 00 | | 210 214 | 68 502 | 4 96 | 11 1 |
| 86 02 17 | 16 00 | | 210 418 | 68 569 | 4 96 | 11 1 |
| 86 02 18 | 10 30 | 1649 09 | 210 686 | 68 656 | 4 89 | 13 9 |
| 86 02 19 | 09 00 | 1649 88 | 210 686 | 68 656 | 4 84 | 12 2 |
| 86 02 19 | 11 00 | 1627 63 | 211 094 | 68 789 | 4 98 | 14 4 |
| 86 02 19 | 11 40 | 1649 80 | 211 241 | 68 837 | 4 96 | 14 4 |
| 86 02 24 | 09 00 | 1650 01 | 211 241 | 68 837 | 4 82 | 14 4 |
| 86 02 24 | 11 00 | 1627 80 | 211 674 | 68 978 | 4 64 | 14 4 |
| 86 02 24 | 13 00 | 1627 34 | 212 130 | 69 127 | 4 76 | 12 2 |
| 86 02 24 | 15 00 | 1626 13 | 212 524 | 69 255 | 4 79 | 11 1 |
| 86 02 24 | 16 00 | 1627 21 | 212 720 | 69 319 | 4 84 | 11 1 |
| 86 02 25 | 11 30 | 1650 13 | 212 720 | 69 319 | 4 50 | 11 1 |
| 86 02 25 | 13 30 | 1627 63 | 213 174 | 69 467 | 4 78 | 11 1 |
| 86 02 25 | 14 30 | 1630 71 | 213 174 | 69 467 | 4 86 | 11 1 |
| 86 02 25 | 15 30 | 1627 84 | 213 356 | 69 526 | 4 97 | 11 1 |
| 86 02 26 | 09 00 | 1650 13 | 213 356 | 69 526 | 4 68 | 12 2 |
| 86 02 26 | 11 00 | 1627 63 | 213 830 | 69 681 | 4 96 | 12 2 |
| 86 02 26 | 13 00 | 1627 21 | 214 258 | 69 820 | 4 94 | 11 1 |
| 86 02 26 | 15 00 | 1626 80 | 214 258 | 69 820 | 4 84 | 11 1 |
| 86 04 23 | 10 15 | 1633 46 | 214 427 | 69 875 | 4 50 | 13 0 |
| 86 04 23 | 11 00 | 1638 05 | 214 668 | 69 954 | 4 28 | 14 0 |
| 86 04 23 | 12 00 | 1638 05 | 214 803 | 69 998 | 4 34 | 14 0 |
| 86 04 23 | 12 10 | 1628 71 | 214 803 | 69 998 | 4 34 | 14 0 |
| 86 04 23 | 13 00 | 1629 05 | 214 940 | 70 042 | 4 40 | 13 0 |
| 86 04 24 | 07 15 | 1635 21 | 215 427 | 70 201 | 4 21 | 13 0 |
| 86 04 24 | 09 15 | 1628 88 | 215 847 | 70 338 | 4 53 | 13 0 |
| 86 04 24 | 11 15 | 1628 21 | 216 267 | 70 475 | 4 66 | 13 0 |
| 86 04 24 | 13 15 | 1628 55 | 216 694 | 70 614 | 4 78 | 13 0 |
| 86 04 24 | 15 15 | 1627 88 | 217 106 | 70 748 | 4 43 | 13 0 |
| 86 04 25 | 08 20 | 1627 38 | 217 106 | 70 748 | 4 50 | 13 0 |
| 86 04 25 | 10 20 | 1628 63 | 217 529 | 70 886 | 4 10 | 13 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 04 25 | 11 05 | 1628 88 | 217 684 | 70 937 | 4 27 | 13 0 |
| 86 05 03 | 11 46 | 1646 17 | 217 684 | 70 937 | 4 70 | 13 0 |
| 86 05 03 | 13 46 | 1629 30 | 217 982 | 71 034 | 4 63 | 12 0 |
| 86 05 03 | 15 15 | 1629 05 | 218 291 | 71 134 | 4 43 | 12 0 |
| 86 05 05 | 07 30 | 1651 26 | 218 291 | 71 134 | 4 66 | 13 0 |
| 86 05 05 | 09 30 | 1627 92 | 218 741 | 71 281 | 4 51 | 13 0 |
| 86 05 05 | 11 30 | 1627 63 | 219 184 | 71 425 | 4 88 | 13 0 |
| 86 05 05 | 13 30 | 1627 46 | 219 610 | 71 564 | 4 87 | 13 0 |
| 86 05 05 | 14 30 | 1627 46 | 219 610 | 71 564 | 4 71 | 13 0 |
| 86 05 05 | 15 15 | 1627 25 | 219 983 | 71 686 | 4 78 | 13 0 |
| 86 05 06 | 08 00 | 1646 00 | 219 983 | 71 686 | 4 58 | 13 0 |
| 86 05 06 | 10 00 | 1628 13 | 220 429 | 71 831 | 4 77 | 13 0 |
| 86 05 06 | 11 30 | 1627 80 | 220 783 | 71 947 | 4 79 | 13 0 |
| 86 05 09 | 08 30 | 1632 46 | 220 783 | 71 947 | 4 63 | 13 0 |
| 86 05 09 | 10 30 | 1627 96 | 221 231 | 72 093 | 4 87 | 13 0 |
| 86 05 09 | 12 30 | 1627 80 | 221 713 | 72 250 | 4 94 | 13 0 |
| 86 05 09 | 15 15 | 1627 59 | 222 270 | 72 431 | 4 78 | 13 0 |
| 86 05 12 | 07 30 | 1650 92 | 222 270 | 72 431 | 4 27 | 13 0 |
| 86 05 12 | 09 30 | 1627 94 | 222 720 | 72 578 | 4 75 | 13 0 |
| 86 05 12 | 11 30 | 1627 69 | 223 154 | 72 719 | 4 48 | 13 0 |
| 86 05 12 | 13 30 | 1627 42 | 223 582 | 72 859 | 4 71 | 13 0 |
| 86 05 12 | 14 15 | 1625 63 | 223 739 | 72 910 | 4 78 | 13 0 |
| 86 05 13 | 07 15 | 1650 63 | 223 739 | 72 910 | 4 39 | 13 0 |
| 86 05 13 | 09 75 | 1627 96 | 224 153 | 73 045 | 4 58 | 13 0 |
| 86 05 13 | 11 15 | 1626 96 | 224 599 | 73 190 | 4 73 | 13 0 |
| 86 05 13 | 11 50 | 1627 21 | 224 728 | 73 232 | 4 78 | 13 0 |
| 86 05 14 | 07 20 | 1650 30 | 224 728 | 73 232 | 4 33 | 13 0 |
| 86 05 14 | 09 20 | 1627 63 | 225 163 | 73 374 | 4 53 | 13 0 |
| 86 05 14 | 11 20 | 1627 25 | 225 582 | 73 510 | 4 59 | 13 0 |
| 86 05 14 | 12 00 | 1627 17 | 225 743 | 73 563 | 4 59 | 13 0 |
| 86 05 20 | 07 30 | 1651 34 | 225 743 | 73 563 | 4 49 | 13 0 |
| 86 05 20 | 09 30 | 1628 13 | 226 205 | 73 713 | 4 64 | 13 0 |
| 86 05 20 | 09 50 | 1628 17 | 226 278 | 73 737 | 4 98 | 13 0 |
| 86 07 07 | 09 40 | 1651 59 | 226 278 | 73 737 | 4 30 | 12 0 |
| 86 07 07 | 11 30 | 1628 13 | 226 756 | 73 893 | 4 83 | 12 0 |
| 86 07 07 | 13 40 | 1627 96 | 227 213 | 74 042 | 4 90 | 12 0 |
| 86 07 07 | 15 20 | 1627 59 | 227 581 | 74 162 | 4 95 | 12 0 |
| 86 07 08 | 12 00 | 1650 80 | 227 581 | 74 162 | 4 21 | 13 0 |
| 86 07 08 | 14 00 | 1628 21 | 228 022 | 74 306 | 4 80 | 13 0 |
| 86 07 08 | 15 00 | 1627 96 | 228 248 | 74 379 | 4 86 | 13 0 |
| 86 07 10 | 11 40 | 1651 55 | 228 248 | 74 379 | 4 60 | 12 0 |
| 86 07 10 | 13 40 | 1628 13 | 228 775 | 74 551 | 4 80 | 12 0 |
| 86 07 10 | 15 00 | 1628 05 | 229 121 | 74 664 | 4 80 | 12 0 |
| 86 07 11 | 07 50 | 1651 30 | 229 121 | 74 664 | 4 35 | 13 0 |
| 86 07 11 | 09 00 | 1627 96 | 229 602 | 74 820 | 4 70 | 13 0 |
| 86 07 11 | 11 50 | 1627 80 | 230 036 | 74 962 | 4 80 | 13 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 07 11 | 13 50 | 1627 71 | 230 490 | 75 110 | 4 90 | 13 0 |
| 86 07 11 | 15 00 | 1627 55 | 230 721 | 75 185 | 4 90 | 13 0 |
| 86 07 22 | 07 00 | 1650 88 | 230 721 | 75 185 | 4 50 | 13 0 |
| 86 07 22 | 09 00 | 1627 88 | 231 133 | 75 319 | 4 67 | 13 0 |
| 86 07 22 | 11 00 | 1627 55 | 231 600 | 75 471 | 4 73 | 13 0 |
| 86 07 22 | 13 00 | 1627 17 | 232 009 | 75 605 | 4 74 | 13 0 |
| 86 07 22 | 15 10 | 1627 05 | 232 463 | 75 753 | 4 75 | 13 0 |
| 86 07 23 | 07 30 | 1649 05 | 232 463 | 75 753 | 4 31 | 13 0 |
| 86 07 23 | 09 30 | 1626 38 | 232 840 | 75 876 | 4 74 | 13 0 |
| 86 07 23 | 11 30 | 1625 63 | 233 265 | 76 014 | 4 87 | 13 0 |
| 86 07 23 | 13 30 | 1625 38 | 233 693 | 76 154 | 4 85 | 13 0 |
| 86 07 23 | 15 20 | 1625 80 | 234 094 | 76 284 | 4 86 | 13 0 |
| 86 07 24 | 07 30 | 1649 30 | 234 094 | 76 284 | 4 55 | 13 0 |
| 86 07 24 | 09 30 | 1626 71 | 234 525 | 76 425 | 4 67 | 13 0 |
| 86 07 24 | 11 30 | 1626 13 | 234 960 | 76 566 | 5 04 | 13 0 |
| 86 07 24 | 13 30 | 1625 71 | 235 380 | 76 703 | 5 03 | 13 0 |
| 86 07 24 | 15 15 | 1625 63 | 235 762 | 76 828 | 4 69 | 13 0 |
| 86 07 25 | 09 00 | 1649 88 | 235 762 | 76 828 | 4 58 | 13 0 |
| 86 07 25 | 11 00 | 1627 05 | 236 074 | 76 929 | 4 90 | 13 0 |
| 86 07 25 | 13 00 | 1626 80 | 236 473 | 77 059 | 5 00 | 13 0 |
| 86 07 25 | 15 40 | 1626 46 | 236 976 | 77 223 | 5 05 | 13 0 |
| 86 07 28 | 07 30 | 1649 88 | 236 976 | 77 223 | 4 38 | 13 0 |
| 86 07 28 | 10 00 | 1626 96 | 237 439 | 77 374 | 4 68 | 13 0 |
| 86 07 28 | 12 00 | 1626 38 | 237 866 | 77 513 | 4 86 | 13 0 |
| 86 07 28 | 14 00 | 1626 38 | 238 350 | 77 671 | 4 48 | 13 0 |
| 86 07 28 | 15 15 | 1626 21 | 238 589 | 77 749 | 4 50 | 13 0 |
| 86 07 29 | 07 30 | 1649 96 | 238 589 | 77 749 | 4 75 | 13 0 |
| 86 07 29 | 09 30 | 1627 13 | 239 020 | 77 889 | 4 80 | 13 0 |
| 86 07 29 | 11 30 | 1626 88 | 239 455 | 78 031 | 4 82 | 13 0 |
| 86 07 29 | 13 30 | 1626 51 | 239 874 | 78 168 | 4 95 | 13 0 |
| 86 07 29 | 15 15 | 1625 71 | 240 263 | 78 295 | 5 24 | 13 0 |
| 86 07 30 | 07 20 | 1649 80 | 240 263 | 78 295 | 4 23 | 13 0 |
| 86 07 30 | 09 20 | 1626 84 | 240 683 | 78 431 | 4 75 | 13 0 |
| 86 07 30 | 11 20 | 1626 48 | 241 120 | 78 574 | 4 77 | 13 0 |
| 86 07 30 | 13 20 | 1626 38 | 241 566 | 78 719 | 4 70 | 13 0 |
| 86 07 30 | 15 20 | 1626 13 | 241 975 | 78 852 | 4 69 | 13 0 |
| 86 07 31 | 07 30 | 1648 21 | 241 975 | 78 852 | 4 31 | 13 0 |
| 86 07 31 | 09 30 | 1626 63 | 242 422 | 78 998 | 4 78 | 13 0 |
| 86 07 31 | 11 30 | 1625 13 | 242 832 | 79 132 | 4 81 | 13 0 |
| 86 07 31 | 13 30 | 1624 67 | 243 283 | 79 279 | 4 79 | 13 0 |
| 86 07 31 | 15 15 | 1624 30 | 243 660 | 79 401 | 4 81 | 13 0 |
| 86 08 01 | 07 15 | 1648 42 | 243 660 | 79 401 | 4 23 | 13 0 |
| 86 08 01 | 09 75 | 1625 46 | 244 080 | 79 538 | 4 74 | 13 0 |
| 86 08 01 | 11 30 | 1625 13 | 244 515 | 79 680 | 4 81 | 13 0 |
| 86 08 01 | 13 30 | 1620 13 | 244 955 | 79 823 | 4 83 | 13 0 |
| 86 08 01 | 15 15 | 1625 05 | 245 388 | 79 965 | 4 76 | 13 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 08 04 | 07 20 | 1648 96 | 245 388 | 79 965 | 4 43 | 13 0 |
| 86 08 04 | 09 20 | 1631 13 | 245 815 | 80 104 | 4 99 | 13 0 |
| 86 08 04 | 11 20 | 1627 38 | 246 232 | 80 240 | 5 02 | 13 0 |
| 86 08 04 | 13 20 | 1626 71 | 246 700 | 80 392 | 4 93 | 13 0 |
| 86 08 04 | 15 20 | 1625 38 | 247 120 | 80 529 | 4 93 | 13 0 |
| 86 08 05 | 07 20 | 1648 30 | 247 120 | 80 529 | 4 51 | 13 0 |
| 86 08 05 | 09 10 | 1646 71 | 247 470 | 80 643 | 4 52 | 13 0 |
| 86 08 05 | 09 30 | 1625 38 | 247 470 | 80 643 | 4 70 | 13 0 |
| 86 08 05 | 11 30 | 1625 38 | 247 880 | 80 777 | 4 64 | 13 0 |
| 86 08 05 | 13 30 | 1625 38 | 248 311 | 80 917 | 5 14 | 13 0 |
| 86 08 05 | 15 20 | 1625 38 | 248 700 | 81 044 | 5 21 | 13 0 |
| 86 08 06 | 07 30 | 1649 09 | 248 700 | 81 044 | 4 70 | 13 0 |
| 86 08 06 | 09 30 | 1626 13 | 249 150 | 81 191 | 4 85 | 13 0 |
| 86 08 06 | 11 30 | 1625 71 | 249 571 | 81 328 | 4 49 | 13 0 |
| 86 08 06 | 13 30 | 1625 63 | 250 008 | 81 470 | 4 60 | 13 0 |
| 86 08 06 | 15 15 | 1625 38 | 250 386 | 81 593 | 4 64 | 13 0 |
| 86 08 07 | 07 20 | 1649 38 | 250 386 | 81 593 | 4 40 | 13 0 |
| 86 08 07 | 09 20 | 1626 46 | 250 817 | 81 734 | 4 50 | 13 0 |
| 86 08 07 | 11 20 | 1626 05 | 251 245 | 81 873 | 4 44 | 13 0 |
| 86 08 07 | 13 20 | 1625 84 | 251 685 | 82 017 | 4 52 | 13 0 |
| 86 08 07 | 15 20 | 1625 71 | 252 114 | 82 156 | 4 48 | 13 0 |
| 86 08 08 | 07 30 | 1649 30 | 252 114 | 82 156 | 4 20 | 13 0 |
| 86 08 08 | 09 30 | 1626 46 | 252 523 | 82 290 | 4 83 | 12 0 |
| 86 08 08 | 11 30 | 1626 17 | 252 975 | 82 437 | 4 96 | 12 0 |
| 86 08 08 | 13 30 | 1625 96 | 253 428 | 82 585 | 4 98 | 12 0 |
| 86 08 08 | 15 00 | 1625 96 | 253 765 | 82 694 | 4 97 | 12 0 |
| 86 08 11 | 07 30 | 1649 84 | 253 765 | 82 694 | 4 27 | 12 0 |
| 86 08 11 | 09 30 | 1626 96 | 254 200 | 82 836 | 4 49 | 12 0 |
| 86 08 11 | 11 30 | 1626 46 | 254 655 | 82 984 | 4 58 | 12 0 |
| 86 08 11 | 13 30 | 1626 34 | 255 101 | 83 130 | 4 58 | 12 0 |
| 86 08 11 | 15 20 | 1625 88 | 255 483 | 83 254 | 4 58 | 12 0 |
| 86 08 12 | 07 15 | 1649 96 | 255 483 | 83 254 | 4 37 | 12 0 |
| 86 08 12 | 09 15 | 1626 80 | 255 925 | 83 398 | 4 27 | 12 0 |
| 86 08 12 | 11 15 | 1626 46 | 256 368 | 83 543 | 4 33 | 12 0 |
| 86 08 12 | 13 15 | 1626 34 | 256 830 | 83 693 | 4 43 | 12 0 |
| 86 08 12 | 15 15 | 1626 17 | 257 242 | 83 827 | 4 48 | 12 0 |
| 86 08 13 | 07 15 | 1650 01 | 257 242 | 83 827 | 4 25 | 12 0 |
| 86 08 13 | 09 15 | 1626 80 | 257 688 | 83 973 | 4 41 | 12 0 |
| 86 08 13 | 11 15 | 1626 17 | 258 134 | 84 118 | 4 65 | 12 0 |
| 86 08 13 | 13 15 | 1626 21 | 258 576 | 84 262 | 4 42 | 12 0 |
| 86 08 13 | 15 15 | 1626 13 | 259 023 | 84 408 | 4 27 | 12 0 |
| 86 08 14 | 07 15 | 1649 75 | 259 023 | 84 408 | 4 48 | 12 0 |
| 86 08 14 | 09 15 | 1626 80 | 259 483 | 84 558 | 4 44 | 12 0 |
| 86 08 14 | 11 15 | 1626 13 | 259 926 | 84 702 | 4 36 | 12 0 |
| 86 08 14 | 13 15 | 1626 13 | 260 375 | 84 848 | 4 32 | 12 0 |
| 86 08 14 | 15 15 | 1626 05 | 260 815 | 84 992 | 4 48 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 08 15 | 07 20 | 1649 63 | 260 815 | 84 992 | 4 27 | 12 0 |
| 86 08 15 | 09 20 | 1626 76 | 261 223 | 85 125 | 4 75 | 12 0 |
| 86 08 15 | 11 20 | 1626 34 | 261 719 | 85 286 | 4 33 | 12 0 |
| 86 08 15 | 13 20 | 1626 21 | 262 152 | 85 427 | 4 42 | 12 0 |
| 86 08 15 | 15 20 | 1626 13 | 262 568 | 85 563 | 4 60 | 12 0 |
| 86 08 18 | 07 15 | 1650 13 | 262 568 | 85 563 | 4 44 | 12 0 |
| 86 08 18 | 09 15 | 1627 13 | 263 022 | 85 711 | 4 62 | 12 0 |
| 86 08 18 | 11 15 | 1627 13 | 263 460 | 85 854 | 4 46 | 12 0 |
| 86 08 18 | 13 15 | 1626 34 | 263 918 | 86 003 | 4 88 | 12 0 |
| 86 08 18 | 15 15 | 1626 32 | 264 365 | 86 149 | 4 67 | 12 0 |
| 86 08 19 | 07 15 | 1649 80 | 264 365 | 86 149 | 4 40 | 12 0 |
| 86 08 19 | 09 15 | 1626 88 | 264 819 | 86 297 | 4 46 | 12 0 |
| 86 08 19 | 11 15 | 1626 63 | 265 260 | 86 440 | 4 80 | 12 0 |
| 86 08 19 | 13 15 | 1627 21 | 265 673 | 86 575 | 4 34 | 12 0 |
| 86 08 19 | 15 15 | 1627 38 | 266 094 | 86 712 | 4 40 | 12 0 |
| 86 08 20 | 07 15 | 1649 96 | 266 094 | 86 712 | 4 19 | 12 0 |
| 86 08 20 | 09 15 | 1627 80 | 266 530 | 86 854 | 4 42 | 12 0 |
| 86 08 20 | 11 15 | 1627 67 | 266 960 | 86 994 | 4 48 | 12 0 |
| 86 08 20 | 13 15 | 1627 30 | 267 385 | 87 133 | 4 50 | 12 0 |
| 86 08 20 | 15 15 | 1626 42 | 267 821 | 87 275 | 4 45 | 12 0 |
| 86 08 21 | 07 20 | 1649 30 | 267 821 | 87 275 | 4 47 | 12 0 |
| 86 08 21 | 09 20 | 1627 71 | 268 247 | 87 414 | 4 46 | 12 0 |
| 86 08 21 | 11 20 | 1627 46 | 268 685 | 87 556 | 4 50 | 12 0 |
| 86 08 21 | 13 20 | 1627 30 | 269 108 | 87 694 | 4 53 | 12 0 |
| 86 08 21 | 15 20 | 1627 01 | 269 532 | 87 832 | 4 56 | 12 0 |
| 86 08 22 | 07 15 | 1650 05 | 269 535 | 87 833 | 4 46 | 12 0 |
| 86 08 22 | 09 15 | 1627 63 | 269 975 | 87 977 | 4 60 | 12 0 |
| 86 08 22 | 11 15 | 1627 38 | 270 402 | 88 116 | 4 62 | 12 0 |
| 86 08 22 | 13 15 | 1627 38 | 270 846 | 88 261 | 4 80 | 12 0 |
| 86 08 22 | 15 15 | 1627 21 | 271 262 | 88 396 | 4 76 | 12 0 |
| 86 08 25 | 07 20 | 1649 80 | 271 262 | 88 396 | 4 48 | 12 0 |
| 86 08 25 | 09 20 | 1628 21 | 271 692 | 88 536 | 4 65 | 12 0 |
| 86 08 25 | 11 20 | 1627 63 | 272 126 | 88 678 | 4 40 | 12 0 |
| 86 08 25 | 13 20 | 1627 63 | 272 580 | 88 826 | 4 76 | 12 0 |
| 86 08 25 | 15 20 | 1627 38 | 272 989 | 88 959 | 4 80 | 12 0 |
| 86 08 26 | 07 15 | 1649 80 | 272 989 | 88 959 | 4 59 | 12 0 |
| 86 08 26 | 09 15 | 1628 05 | 273 417 | 89 098 | 4 34 | 12 0 |
| 86 08 26 | 11 15 | 1626 63 | 273 852 | 89 240 | 4 52 | 12 0 |
| 86 08 26 | 13 15 | 1627 51 | 274 292 | 89 384 | 4 95 | 12 0 |
| 86 08 26 | 15 15 | 1627 21 | 274 718 | 89 522 | 5 08 | 12 0 |
| 86 08 27 | 07 15 | 1649 71 | 274 718 | 89 522 | 4 48 | 12 0 |
| 86 08 27 | 09 15 | 1627 92 | 275 152 | 89 664 | 5 09 | 12 0 |
| 86 08 27 | 11 15 | 1627 71 | 275 582 | 89 804 | 4 97 | 12 0 |
| 86 08 27 | 13 15 | 1627 34 | 276 010 | 89 943 | 5 04 | 12 0 |
| 86 08 27 | 15 15 | 1627 30 | 276 446 | 90 085 | 5 16 | 12 0 |
| 86 08 28 | 07 15 | 1649 96 | 276 446 | 90 085 | 4 80 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 08 28 | 09 15 | 1627 96 | 276 872 | 90 224 | 4 62 | 12 0 |
| 86 08 28 | 11 15 | 1627 55 | 277 309 | 90 367 | 4 68 | 12 0 |
| 86 08 28 | 13 15 | 1627 46 | 277 734 | 90 505 | 4 97 | 12 0 |
| 86 08 28 | 15 15 | 1627 21 | 278 167 | 90 646 | 4 70 | 12 0 |
| 86 08 29 | 07 15 | 1649 88 | 278 167 | 90 646 | 4 80 | 12 0 |
| 86 08 29 | 09 15 | 1628 05 | 278 615 | 90 792 | 4 88 | 12 0 |
| 86 08 29 | 11 15 | 1627 88 | 279 055 | 90 936 | 4 91 | 12 0 |
| 86 08 29 | 13 15 | 1627 38 | 279 482 | 91 075 | 5 01 | 12 0 |
| 86 08 29 | 14 30 | 1627 38 | 279 752 | 91 163 | 4 94 | 12 0 |
| 86 09 02 | 07 15 | 1650 38 | 279 752 | 91 163 | 4 16 | 12 0 |
| 86 09 02 | 09 15 | 1628 13 | 280 177 | 91 301 | 4 77 | 12 0 |
| 86 09 02 | 11 15 | 1627 96 | 280 612 | 91 443 | 4 91 | 12 0 |
| 86 09 02 | 13 15 | 1627 71 | 281 043 | 91 583 | 5 04 | 12 0 |
| 86 09 02 | 15 15 | 1627 05 | 281 479 | 91 726 | 5 12 | 12 0 |
| 86 09 03 | 07 15 | 1650 21 | 281 479 | 91 726 | 4 83 | 12 0 |
| 86 09 03 | 09 15 | 1628 38 | 281 913 | 91 867 | 4 64 | 12 0 |
| 86 09 03 | 11 15 | 1627 96 | 282 348 | 92 009 | 4 71 | 12 0 |
| 86 09 03 | 13 15 | 1627 51 | 282 781 | 92 150 | 5 14 | 12 0 |
| 86 09 03 | 15 15 | 1627 46 | 283 214 | 92 291 | 5 28 | 12 0 |
| 86 09 04 | 07 15 | 1649 80 | 283 214 | 92 291 | 4 84 | 12 0 |
| 86 09 04 | 09 15 | 1628 05 | 283 665 | 92 438 | 4 89 | 12 0 |
| 86 09 04 | 11 15 | 1627 51 | 284 090 | 92 576 | 5 08 | 12 0 |
| 86 09 04 | 13 15 | 1627 46 | 284 514 | 92 715 | 5 14 | 12 0 |
| 86 09 04 | 15 15 | 1627 38 | 284 953 | 92 858 | 4 99 | 12 0 |
| 86 09 05 | 07 15 | 1649 88 | 284 953 | 92 858 | 4 37 | 12 0 |
| 86 09 05 | 09 15 | 1628 05 | 285 385 | 92 998 | 4 92 | 12 0 |
| 86 09 05 | 11 15 | 1627 46 | 285 817 | 93 139 | 4 82 | 12 0 |
| 86 09 05 | 13 15 | 1627 38 | 286 258 | 93 283 | 4 88 | 12 0 |
| 86 09 05 | 14 50 | 1627 25 | 286 605 | 93 396 | 4 96 | 12 0 |
| 86 09 08 | 07 15 | 1649 80 | 286 605 | 93 396 | 4 27 | 11 0 |
| 86 09 08 | 09 15 | 1648 38 | 287 020 | 93 531 | 4 48 | 11 0 |
| 86 09 09 | 08 45 | 1650 38 | 287 020 | 93 531 | 4 60 | 11 0 |
| 86 09 09 | 10 45 | 1648 59 | 287 462 | 93 675 | 5 09 | 11 0 |
| 86 09 09 | 12 45 | 1628 38 | 287 927 | 93 827 | 5 21 | 11 0 |
| 86 09 09 | 14 45 | 1627 63 | 288 362 | 93 969 | 5 20 | 11 0 |
| 86 09 09 | 15 15 | 1627 59 | 288 439 | 93 994 | 5 19 | 11 0 |
| 86 09 10 | 07 15 | 1650 09 | 288 439 | 93 994 | 4 65 | 11 0 |
| 86 09 10 | 09 15 | 1628 42 | 288 880 | 94 137 | 4 23 | 11 0 |
| 86 09 10 | 11 15 | 1627 96 | 289 310 | 94 277 | 4 75 | 11 0 |
| 86 09 10 | 13 15 | 1627 76 | 289 743 | 94 419 | 4 87 | 11 0 |
| 86 09 10 | 15 15 | 1627 46 | 290 218 | 94 573 | 4 80 | 11 0 |
| 86 09 11 | 07 15 | 1650 05 | 290 218 | 94 573 | 4 58 | 11 0 |
| 86 09 11 | 09 15 | 1628 13 | 290 637 | 94 710 | 4 81 | 11 0 |
| 86 09 11 | 11 15 | 1627 88 | 291 083 | 94 855 | 4 90 | 11 0 |
| 86 09 11 | 13 15 | 1627 38 | 291 512 | 94 995 | 5 22 | 11 0 |
| 86 09 11 | 15 00 | 1627 21 | 291 852 | 95 106 | 5 28 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 09 12 | 07 15 | 1649 92 | 291 852 | 95 106 | 4 49 | 11 0 |
| 86 09 12 | 09 15 | 1628 26 | 292 276 | 95 244 | 4 69 | 11 0 |
| 86 09 12 | 11 15 | 1627 88 | 292 714 | 95 387 | 4 87 | 11 0 |
| 86 09 12 | 13 15 | 1627 71 | 293 139 | 95 525 | 5 01 | 11 0 |
| 86 09 12 | 15 00 | 1627 71 | 293 495 | 95 641 | 5 20 | 11 0 |
| 86 09 15 | 07 15 | 1650 21 | 293 495 | 95 641 | 4 20 | 11 0 |
| 86 09 15 | 09 15 | 1210 58 | 293 926 | 95 782 | 4 83 | 11 0 |
| 86 09 15 | 11 15 | 1628 38 | 294 392 | 95 934 | 4 97 | 11 0 |
| 86 09 15 | 13 15 | 1627 80 | 294 798 | 96 066 | 5 02 | 11 0 |
| 86 09 15 | 15 15 | 1627 71 | 295 225 | 96 205 | 4 94 | 11 0 |
| 86 09 16 | 07 15 | 1650 34 | 295 225 | 96 205 | 4 75 | 11 0 |
| 86 09 16 | 09 15 | 1628 71 | 295 669 | 96 350 | 4 91 | 11 0 |
| 86 09 16 | 11 15 | 1628 76 | 296 063 | 96 478 | 4 97 | 11 0 |
| 86 09 16 | 13 15 | 1627 71 | 296 523 | 96 628 | 4 99 | 11 0 |
| 86 09 16 | 15 15 | 1627 84 | 296 957 | 96 769 | 5 01 | 11 0 |
| 86 09 17 | 07 15 | 1649 84 | 296 957 | 96 769 | 4 60 | 11 0 |
| 86 09 17 | 09 15 | 1628 30 | 297 375 | 96 906 | 4 94 | 11 0 |
| 86 09 17 | 11 15 | 1627 88 | 297 804 | 97 045 | 4 82 | 11 0 |
| 86 09 17 | 13 15 | 1627 80 | 298 233 | 97 185 | 4 86 | 11 0 |
| 86 09 17 | 15 15 | 1627 76 | 298 666 | 97 326 | 4 94 | 11 0 |
| 86 09 18 | 07 15 | 1649 88 | 298 666 | 97 326 | 4 48 | 11 0 |
| 86 09 18 | 09 15 | 1628 21 | 299 106 | 97 470 | 4 72 | 11 0 |
| 86 09 18 | 11 15 | 1628 01 | 299 523 | 97 606 | 4 79 | 11 0 |
| 86 09 18 | 13 15 | 1627 84 | 299 967 | 97 750 | 4 82 | 11 0 |
| 86 09 18 | 15 15 | 1627 84 | 300 367 | 97 881 | 4 96 | 11 0 |
| 86 09 19 | 07 30 | 1649 63 | 300 367 | 97 881 | 4 68 | 11 0 |
| 86 09 19 | 09 30 | 1628 34 | 300 791 | 98 019 | 4 95 | 11 0 |
| 86 09 19 | 11 30 | 1627 88 | 301 219 | 98 158 | 4 94 | 11 0 |
| 86 09 19 | 13 30 | 1627 80 | 301 660 | 98 302 | 5 13 | 11 0 |
| 86 09 19 | 15 00 | 1627 67 | 301 970 | 98 403 | 4 98 | 11 0 |
| 86 09 22 | 07 20 | 1650 21 | 301 970 | 98 403 | 4 68 | 11 0 |
| 86 09 22 | 09 20 | 1634 51 | 302 391 | 98 540 | 4 90 | 11 0 |
| 86 09 22 | 11 20 | 1628 17 | 302 830 | 98 683 | 4 69 | 11 0 |
| 86 09 22 | 13 20 | 1627 96 | 303 252 | 98 821 | 4 89 | 11 0 |
| 86 09 22 | 15 20 | 1628 01 | 303 669 | 98 957 | 4 80 | 11 0 |
| 86 09 23 | 07 15 | 1650 42 | 303 669 | 98 957 | 4 77 | 11 0 |
| 86 09 23 | 09 15 | 1628 63 | 304 089 | 99 093 | 4 90 | 11 0 |
| 86 09 23 | 11 15 | 1628 55 | 304 535 | 99 239 | 4 93 | 11 0 |
| 86 09 23 | 13 15 | 1628 80 | 304 946 | 99 373 | 5 04 | 11 0 |
| 86 09 23 | 14 15 | 1627 55 | 305 160 | 99 442 | 5 12 | 11 0 |
| 86 10 07 | 10 15 | 1650 63 | 305 160 | 99 442 | 4 36 | 11 0 |
| 86 10 07 | 11 00 | 1650 55 | 305 222 | 99 463 | 4 40 | 11 0 |
| 86 10 08 | 08 00 | 1650 71 | 305 222 | 99 463 | 4 45 | 11 0 |
| 86 10 08 | 10 00 | 1628 88 | 305 649 | 99 602 | 4 97 | 11 0 |
| 86 10 08 | 12 00 | 1628 71 | 306 065 | 99 737 | 5 11 | 11 0 |
| 86 10 08 | 14 00 | 1629 05 | 306 498 | 99 879 | 5 20 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 10 08 | 15 15 | 1628 88 | 306 755 | 99 962 | 5 12 | 11 0 |
| 86 10 09 | 07 30 | 1650 88 | 306 755 | 99 962 | 4 48 | 11 0 |
| 86 10 09 | 09 30 | 1629 13 | 307 180 | 100 101 | 4 87 | 11 0 |
| 86 10 09 | 11 30 | 1628 80 | 307 650 | 100 254 | 5 04 | 11 0 |
| 86 10 09 | 13 30 | 1628 71 | 307 999 | 100 368 | 5 03 | 11 0 |
| 86 10 09 | 15 20 | 1628 63 | 308 411 | 100 502 | 5 08 | 11 0 |
| 86 10 10 | 07 15 | 1650 68 | 308 411 | 100 502 | 4 70 | 11 0 |
| 86 10 10 | 09 15 | 1629 25 | 308 794 | 100 627 | 4 98 | 11 0 |
| 86 10 10 | 11 15 | 1628 90 | 309 250 | 100 775 | 4 97 | 11 0 |
| 86 10 10 | 13 15 | 1628 80 | 309 704 | 100 923 | 4 99 | 11 0 |
| 86 10 10 | 14 45 | 1628 59 | 309 978 | 101 013 | 4 99 | 11 0 |
| 86 10 15 | 12 10 | 1650 98 | 309 978 | 101 013 | 4 78 | 11 0 |
| 86 10 15 | 14 10 | 1629 13 | 310 402 | 101 151 | 5 12 | 11 0 |
| 86 10 15 | 15 20 | 1629 05 | 310 647 | 101 231 | 5 23 | 11 0 |
| 86 10 16 | 08 20 | 1652 98 | 310 647 | 101 231 | 4 75 | 11 0 |
| 86 10 16 | 10 20 | 1629 38 | 311 025 | 101 354 | 5 05 | 11 0 |
| 86 10 16 | 12 20 | 1628 96 | 311 436 | 101 488 | 5 08 | 11 0 |
| 86 10 16 | 14 20 | 1628 88 | 311 883 | 101 633 | 5 05 | 11 0 |
| 86 10 16 | 15 20 | 1628 80 | 312 022 | 101 679 | 5 08 | 11 0 |
| 86 10 17 | 07 45 | 1650 98 | 312 022 | 101 679 | 4 75 | 11 0 |
| 86 10 17 | 09 45 | 1629 13 | 312 435 | 101 813 | 5 01 | 11 0 |
| 86 10 17 | 11 45 | 1629 05 | 312 852 | 101 949 | 4 94 | 11 0 |
| 86 10 17 | 13 45 | 1628 80 | 313 226 | 102 071 | 4 98 | 11 0 |
| 86 10 17 | 14 45 | 1628 88 | 313 465 | 102 149 | 4 96 | 11 0 |
| 86 10 20 | 09 13 | 1651 18 | 313 465 | 102 149 | 4 58 | 11 0 |
| 86 10 20 | 11 15 | 1628 71 | 313 900 | 102 291 | 4 89 | 11 0 |
| 86 10 20 | 12 50 | 1628 80 | 314 227 | 102 397 | 4 87 | 11 0 |
| 86 10 21 | 11 38 | 1651 18 | 314 227 | 102 397 | 4 72 | 11 0 |
| 86 10 21 | 13 30 | 1628 17 | 314 623 | 102 526 | 5 03 | 11 0 |
| 86 10 21 | 15 00 | 1627 88 | 314 954 | 102 634 | 4 84 | 11 0 |
| 86 10 22 | 08 35 | 1650 98 | 314 954 | 102 634 | 4 80 | 11 0 |
| 86 10 22 | 10 35 | 1628 17 | 315 365 | 102 768 | 4 96 | 11 0 |
| 86 10 23 | 00 00 | 1628 05 | 315 631 | 102 855 | 4 95 | 11 0 |
| 86 10 23 | 10 00 | | 315 631 | 102 855 | 4 85 | 11 0 |
| 86 10 23 | 11 00 | | 315 804 | 102 911 | | |
| 86 10 24 | 11 30 | 1651 21 | 315 804 | 102 911 | 4 78 | 11 0 |
| 86 10 24 | 13 30 | 1628 30 | 316 222 | 103 047 | 4 65 | 11 0 |
| 86 10 24 | 14 50 | 1628 05 | 316 520 | 103 144 | 4 13 | 11 0 |
| 86 10 27 | 07 21 | 1651 38 | 316 520 | 103 144 | 4 30 | 11 0 |
| 86 10 27 | 09 30 | 1627 71 | 316 978 | 103 294 | 4 75 | 11 0 |
| 86 10 27 | 11 30 | 1628 21 | 317 401 | 103 431 | 4 80 | 11 0 |
| 86 10 27 | 13 30 | 1628 05 | 317 832 | 103 572 | 4 84 | 11 0 |
| 86 10 27 | 15 15 | 1627 88 | 318 224 | 103 700 | 5 34 | 11 0 |
| 86 10 28 | 07 15 | 1651 28 | 318 224 | 103 700 | 4 35 | 11 0 |
| 86 10 28 | 09 15 | 1628 38 | 318 653 | 103 839 | 4 83 | 11 0 |
| 86 10 28 | 11 15 | 1628 21 | 319 091 | 103 982 | 4 75 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 10 28 | 13 15 | 1627 84 | 319 537 | 104 128 | 4 85 | 11 0 |
| 86 10 28 | 14 30 | 1627 96 | 319 786 | 104 209 | 4 90 | 11 0 |
| 86 10 29 | 07 30 | 1651 08 | 319 786 | 104 209 | 4 83 | 11 0 |
| 86 10 29 | 08 00 | 1627 88 | 319 846 | 104 228 | 4 85 | 11 0 |
| 86 10 29 | 09 30 | 1628 30 | 320 182 | 104 338 | 4 80 | 11 0 |
| 86 10 29 | 11 30 | 1627 96 | 320 618 | 104 480 | 4 83 | 11 0 |
| 86 10 29 | 12 00 | 1627 88 | 320 710 | 104 510 | 4 84 | 11 0 |
| 86 10 30 | 13 15 | 1646 34 | 320 714 | 104 511 | | 11 0 |
| 86 10 30 | 15 30 | | 320 800 | 104 539 | | 11 0 |
| 86 10 31 | 10 15 | | 320 800 | 104 539 | 4 75 | 11 0 |
| 86 10 31 | 10 45 | | 320 883 | 104 566 | 4 83 | 11 0 |
| 86 11 03 | 08 00 | | 320 883 | 104 566 | 4 42 | 11 0 |
| 86 11 03 | 10 00 | 1628 46 | 321 316 | 104 707 | 4 86 | 11 0 |
| 86 11 03 | 12 00 | 1628 25 | 321 740 | 104 845 | 4 87 | 11 0 |
| 86 11 03 | 13 35 | 1627 96 | 322 118 | 104 969 | 4 86 | 11 0 |
| 86 11 04 | 07 30 | 1651 28 | 322 118 | 104 969 | 4 73 | 11 0 |
| 86 11 04 | 09 30 | 1628 46 | 322 544 | 105 107 | 4 86 | 11 0 |
| 86 11 04 | 11 30 | 1628 13 | 322 976 | 105 248 | 4 84 | 11 0 |
| 86 11 04 | 13 30 | 1628 05 | 323 435 | 105 398 | 4 97 | 11 0 |
| 86 11 04 | 14 30 | 1627 88 | 323 650 | 105 468 | 4 95 | 11 0 |
| 86 11 05 | 08 00 | 1651 28 | 323 650 | 105 468 | 4 63 | 11 0 |
| 86 11 05 | 10 30 | 1628 25 | 324 207 | 105 649 | 4 85 | 11 0 |
| 86 11 05 | 12 00 | 1628 13 | 324 525 | 105 753 | 4 91 | 11 0 |
| 86 11 05 | 14 00 | 1628 05 | 324 939 | 105 888 | 4 95 | 11 0 |
| 86 11 05 | 14 45 | 1627 96 | 325 109 | 105 943 | 4 89 | 11 0 |
| 86 11 06 | 07 30 | 1651 28 | 325 109 | 105 943 | 4 71 | 11 0 |
| 86 11 06 | 09 30 | 1628 59 | 325 555 | 106 089 | 4 86 | 11 0 |
| 86 11 06 | 11 30 | 1628 13 | 325 988 | 106 230 | 4 87 | 11 0 |
| 86 11 06 | 13 30 | 1627 96 | 326 428 | 106 373 | 4 86 | 11 0 |
| 86 11 07 | 08 00 | 1653 98 | 326 428 | 106 373 | 4 75 | 11 0 |
| 86 11 07 | 10 00 | 1628 55 | 326 933 | 106 538 | 4 85 | 11 0 |
| 86 11 07 | 12 00 | 1628 30 | 327 392 | 106 687 | 4 83 | 11 0 |
| 86 11 07 | 14 10 | 1628 21 | 327 881 | 106 847 | 4 85 | 11 0 |
| 86 11 14 | 14 00 | 1651 38 | 327 881 | 106 847 | 4 43 | 11 0 |
| 86 11 14 | 14 30 | 1627 96 | 328 030 | 106 895 | 4 87 | 11 0 |
| 86 11 17 | 09 40 | 1651 28 | 328 030 | 106 895 | 4 86 | 11 0 |
| 86 11 17 | 11 40 | 1628 71 | 328 445 | 107 030 | 4 85 | 11 0 |
| 86 11 17 | 13 40 | 1628 36 | 328 885 | 107 174 | 4 95 | 11 0 |
| 86 11 17 | 15 05 | 1628 38 | 329 186 | 107 272 | 4 98 | 11 0 |
| 86 11 18 | 08 27 | 1651 38 | 329 186 | 107 272 | 4 83 | 11 0 |
| 86 11 18 | 10 27 | 1628 50 | 329 609 | 107 410 | 4 86 | 11 0 |
| 86 11 18 | 12 45 | 1628 13 | 330 103 | 107 571 | 5 03 | 11 0 |
| 86 11 18 | 14 27 | 1628 09 | 330 465 | 107 689 | 4 98 | 11 0 |
| 86 11 18 | 15 00 | 1628 05 | 330 535 | 107 711 | 4 96 | 11 0 |
| 86 11 19 | 07 45 | 1651 28 | 330 535 | 107 711 | 4 83 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 11 19 | 09 45 | 1627 88 | 331 022 | 107 870 | 4 86 | 11 0 |
| 86 11 19 | 11 50 | 1628 13 | 331 469 | 108 016 | 4 89 | 11 0 |
| 86 11 21 | 07 45 | 1651 38 | 331 469 | 108 016 | 4 82 | 11 0 |
| 86 11 21 | 09 45 | 1628 61 | 331 896 | 108 155 | 4 82 | 11 0 |
| 86 11 21 | 11 45 | 1628 50 | 332 321 | 108 293 | 4 91 | 11 0 |
| 86 11 21 | 13 45 | 1628 21 | 332 744 | 108 431 | 4 88 | 11 0 |
| 86 11 21 | 14 30 | 1628 05 | 332 905 | 108 484 | 4 95 | 11 0 |
| 86 11 24 | 08 00 | 1651 18 | 332 905 | 108 484 | 4 67 | 11 0 |
| 86 11 24 | 10 00 | 1628 61 | 333 317 | 108 618 | 4 84 | 11 0 |
| 86 11 24 | 12 00 | 1628 38 | 333 734 | 108 754 | 4 87 | 11 0 |
| 86 11 24 | 14 00 | 1628 21 | 334 195 | 108 904 | 4 83 | 11 0 |
| 86 11 24 | 15 00 | 1628 13 | 334 375 | 108 963 | 4 91 | 11 0 |
| 86 11 26 | 10 45 | 1651 28 | 334 375 | 108 963 | 4 77 | 11 0 |
| 86 11 26 | 12 45 | 1621 84 | 335 210 | 109 235 | 5 03 | 11 0 |
| 86 11 26 | 14 45 | 1621 63 | 335 756 | 109 413 | 4 98 | 11 0 |
| 86 12 01 | 08 05 | 1651 38 | 335 756 | 109 413 | 4 75 | 11 0 |
| 86 12 01 | 10 00 | 1621 71 | 336 272 | 109 581 | 4 87 | 11 0 |
| 86 12 01 | 12 00 | 1621 59 | 336 805 | 109 755 | 4 93 | 11 0 |
| 86 12 02 | 08 15 | 1651 38 | 336 805 | 109 755 | 4 71 | 11 0 |
| 86 12 02 | 10 15 | 1621 67 | 337 357 | 109 935 | 4 97 | 11 0 |
| 86 12 02 | 12 15 | 1621 63 | 337 927 | 110 120 | 5 35 | 11 0 |
| 86 12 02 | 13 28 | 1621 59 | 338 223 | 110 217 | 5 30 | 11 0 |
| 86 12 03 | 12 30 | 1651 28 | 338 223 | 110 217 | 4 78 | 11 0 |
| 86 12 03 | 14 30 | 1621 63 | 338 770 | 110 395 | 5 01 | 11 0 |
| 86 12 03 | 15 10 | 1621 59 | 338 957 | 110 456 | 5 17 | 11 0 |
| 86 12 04 | 07 45 | 1651 18 | 338 957 | 110 456 | 4 64 | 11 0 |
| 86 12 04 | 09 45 | 1621 71 | 339 527 | 110 642 | 4 85 | 11 0 |
| 86 12 04 | 11 45 | 1621 34 | 340 063 | 110 816 | 4 89 | 11 0 |
| 86 12 04 | 13 15 | 1621 46 | 340 469 | 110 949 | 5 13 | 11 0 |
| 86 12 05 | 07 40 | 1651 28 | 340 469 | 110 949 | 4 71 | 11 0 |
| 86 12 05 | 09 40 | 1621 80 | 341 006 | 111 124 | 4 83 | 11 0 |
| 86 12 05 | 11 40 | 1621 59 | 341 554 | 111 302 | 4 89 | 11 0 |
| 86 12 05 | 12 00 | 1621 63 | 341 634 | 111 328 | 4 86 | 11 0 |
| 86 12 08 | 11 55 | 1651 18 | 341 634 | 111 328 | 4 73 | 11 0 |
| 86 12 08 | 13 55 | 1622 05 | 342 169 | 111 503 | 4 84 | 11 0 |
| 86 12 08 | 15 00 | 1621 96 | 342 461 | 111 598 | 4 92 | 11 0 |
| 86 12 09 | 09 00 | 1651 38 | 342 610 | 111 646 | 4 58 | 11 0 |
| 86 12 09 | 11 00 | 1622 05 | 343 014 | 111 778 | 4 76 | 11 0 |
| 86 12 09 | 13 00 | 1621 63 | 343 594 | 111 967 | 4 82 | 11 0 |
| 86 12 09 | 13 30 | 1621 75 | 343 678 | 111 994 | 4 82 | 11 0 |
| 86 12 11 | 10 45 | 1651 28 | 343 678 | 111 994 | 4 75 | 11 0 |
| 86 12 11 | 12 45 | 1621 75 | 344 239 | 112 177 | 5 14 | 11 0 |
| 86 12 11 | 14 45 | 1621 70 | 344 758 | 112 346 | 4 93 | 11 0 |
| 86 12 11 | 14 57 | 1621 88 | 344 808 | 112 363 | 4 96 | 11 0 |
| 86 12 12 | 08 00 | 1651 28 | 344 808 | 112 363 | 4 66 | 11 0 |
| 86 12 12 | 10 00 | 1621 92 | 345 366 | 112 544 | 4 87 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 86 12 12 | 12 00 | 1621 71 | 345 898 | 112 718 | 4 89 | 11 0 |
| 86 12 12 | 13 30 | 1621 53 | 346 301 | 112 849 | 4 94 | 11 0 |
| 86 12 15 | 08 00 | 1651 38 | 346 301 | 112 849 | 4 65 | 11 0 |
| 86 12 15 | 10 00 | 1622 00 | 346 817 | 113 017 | 4 81 | 11 0 |
| 86 12 15 | 12 00 | 1622 03 | 347 352 | 113 192 | 4 86 | 11 0 |
| 86 12 15 | 13 10 | 1621 05 | 347 687 | 113 301 | 5 13 | 11 0 |
| 86 12 16 | 08 55 | 1651 08 | 347 687 | 113 301 | 4 81 | 11 0 |
| 86 12 16 | 10 55 | 1622 21 | 348 220 | 113 474 | 5 00 | 11 0 |
| 86 12 16 | 12 55 | 1621 88 | 348 767 | 113 653 | 5 10 | 11 0 |
| 86 12 16 | 14 55 | 1621 86 | 349 283 | 113 821 | 5 04 | 11 0 |
| 86 12 17 | 08 50 | 1651 08 | 349 283 | 113 821 | 4 85 | 11 0 |
| 86 12 17 | 10 50 | | 349 802 | 113 990 | 4 98 | 11 0 |
| 86 12 17 | 12 50 | 1622 46 | 350 318 | 114 158 | 5 01 | 11 0 |
| 86 12 18 | 08 35 | 1651 08 | 350 318 | 114 158 | 4 78 | 11 0 |
| 86 12 18 | 10 35 | 1623 05 | 350 834 | 114 326 | 4 88 | 11 0 |
| 86 12 18 | 11 45 | 1622 78 | 351 135 | 114 424 | 4 95 | 11 0 |
| 86 12 18 | 13 10 | 1651 28 | 351 135 | 114 424 | 4 86 | 11 0 |
| 86 12 18 | 15 00 | 1622 75 | 351 613 | 114 580 | 4 97 | 11 0 |
| 86 12 19 | 07 40 | 1651 08 | 351 613 | 114 580 | 4 49 | 11 0 |
| 86 12 19 | 10 05 | 1622 96 | 352 247 | 114 787 | 5 05 | 11 0 |
| 86 12 19 | 12 05 | 1622 80 | 352 765 | 114 956 | 5 08 | 11 0 |
| 86 12 19 | 14 05 | 1622 75 | 353 301 | 115 130 | 5 10 | 11 0 |
| 87 01 05 | 03 20 | 1651 28 | 353 301 | 115 130 | 4 45 | 11 0 |
| 87 01 05 | 05 20 | 1623 30 | 353 929 | 115 335 | 4 85 | 11 0 |
| 87 01 05 | 07 20 | 1623 25 | 354 433 | 115 499 | 5 00 | 11 0 |
| 87 01 05 | 09 20 | 1623 00 | 354 975 | 115 676 | 5 02 | 11 0 |
| 87 01 05 | 11 20 | 1622 88 | 355 530 | 115 857 | 5 05 | 11 0 |
| 87 01 06 | 08 40 | 1651 08 | 355 530 | 115 857 | 4 85 | 11 0 |
| 87 01 06 | 10 40 | 1623 38 | 356 058 | 116 029 | 5 01 | 11 0 |
| 87 01 06 | 12 40 | 1623 21 | 356 589 | 116 202 | 5 08 | 11 0 |
| 87 01 06 | 13 40 | 1623 13 | 356 780 | 116 264 | 5 12 | 11 0 |
| 87 01 07 | 09 25 | 1651 18 | 356 780 | 116 264 | 4 53 | 11 0 |
| 87 01 07 | 11 25 | 1623 30 | 357 295 | 116 432 | 5 13 | 11 0 |
| 87 01 07 | 13 55 | 1623 05 | 358 036 | 116 673 | 5 19 | 11 0 |
| 87 01 08 | 12 15 | 1651 08 | 358 036 | 116 673 | 4 60 | 11 0 |
| 87 01 08 | 14 15 | 1623 13 | 358 511 | 116 828 | 5 15 | 11 0 |
| 87 01 08 | 15 00 | 1623 30 | 358 691 | 116 887 | 5 20 | 11 0 |
| 87 01 09 | 08 15 | 1651 18 | 358 691 | 116 887 | 4 84 | 11 0 |
| 87 01 09 | 10 15 | 1623 55 | 359 189 | 117 049 | 5 15 | 11 0 |
| 87 01 09 | 12 15 | 1623 35 | 359 688 | 117 212 | 5 05 | 11 0 |
| 87 01 09 | 14 00 | 1623 30 | 360 150 | 117 362 | 5 17 | 11 0 |
| 87 01 13 | 09 35 | 1651 28 | 360 150 | 117 362 | 4 81 | 11 0 |
| 87 01 13 | 11 35 | 1623 65 | 360 647 | 117 524 | 5 21 | 11 0 |
| 87 01 13 | 13 35 | 1623 46 | 361 156 | 117 690 | 5 50 | 11 0 |
| 87 01 13 | 15 35 | 1623 38 | 361 657 | 117 853 | 5 55 | 11 0 |
| 87 01 13 | 17 35 | 1623 30 | 362 093 | 117 995 | 5 52 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 01 14 | 09 10 | 1651 08 | 362 093 | 117 995 | 4 90 | 11 0 |
| 87 01 14 | 11 10 | 1626 71 | 362 554 | 118 145 | 5 32 | 11 0 |
| 87 01 14 | 13 10 | 1626 38 | 362 978 | 118 284 | 4 98 | 11 0 |
| 87 01 14 | 15 10 | 1626 30 | 363 437 | 118 433 | 5 12 | 11 0 |
| 87 01 15 | 08 00 | 1651 38 | 363 437 | 118 433 | 4 98 | 11 0 |
| 87 01 15 | 10 00 | 1622 38 | 363 931 | 118 594 | 5 75 | 11 0 |
| 87 01 15 | 10 45 | 1622 38 | 364 120 | 118 656 | 5 64 | 11 0 |
| 87 01 16 | 09 15 | 1650 38 | 364 120 | 118 656 | 4 45 | 11 0 |
| 87 01 16 | 11 15 | 1621 38 | 364 776 | 118 870 | 4 89 | 11 0 |
| 87 01 16 | 11 53 | 1621 38 | 364 943 | 118 924 | 4 93 | 11 0 |
| 87 01 20 | 10 50 | 1651 38 | 364 943 | 118 924 | 4 78 | 11 0 |
| 87 01 20 | 12 50 | 1622 38 | 365 649 | 119 154 | 5 38 | 11 0 |
| 87 01 20 | 14 50 | 1622 38 | 366 163 | 119 322 | 4 95 | 11 0 |
| 87 01 20 | 15 00 | 1622 38 | 366 215 | 119 338 | 4 98 | 11 0 |
| 87 01 21 | 08 00 | 1651 38 | 366 215 | 119 338 | 4 53 | 11 0 |
| 87 01 21 | 10 00 | 1622 38 | 366 758 | 119 515 | 4 85 | 11 0 |
| 87 01 21 | 12 00 | 1622 38 | 367 292 | 119 689 | 4 88 | 11 0 |
| 87 01 21 | 13 30 | 1622 05 | 367 688 | 119 818 | 4 98 | 11 0 |
| 87 01 23 | 08 50 | 1651 18 | 367 688 | 119 818 | 4 51 | 11 0 |
| 87 01 23 | 10 50 | 1622 30 | 368 221 | 119 992 | 4 89 | 11 0 |
| 87 01 23 | 12 50 | 1622 13 | 368 761 | 120 168 | 5 05 | 11 0 |
| 87 01 23 | 13 50 | 1622 05 | 369 022 | 120 253 | 4 97 | 11 0 |
| 87 01 27 | 09 00 | 1651 18 | 369 022 | 120 253 | 4 55 | 11 0 |
| 87 01 27 | 11 00 | 1622 36 | 369 560 | 120 429 | 4 83 | 11 0 |
| 87 01 27 | 13 00 | 1622 21 | 370 102 | 120 605 | 4 96 | 11 0 |
| 87 01 27 | 15 00 | 1622 13 | 370 627 | 120 776 | 4 98 | 11 0 |
| 87 01 28 | 09 10 | 1650 88 | 370 627 | 120 776 | 4 51 | 11 0 |
| 87 01 28 | 11 10 | 1622 38 | 371 158 | 120 949 | 4 85 | 11 0 |
| 87 01 28 | 13 10 | 1622 13 | 371 691 | 121 123 | 4 91 | 11 0 |
| 87 01 28 | 14 10 | 1622 13 | 371 952 | 121 208 | 4 97 | 11 0 |
| 87 01 29 | 07 55 | 1650 98 | 371 952 | 121 208 | 4 56 | 11 0 |
| 87 01 29 | 09 55 | 1622 30 | 372 514 | 121 391 | 4 88 | 11 0 |
| 87 01 29 | 11 55 | 1622 11 | 373 022 | 121 557 | 4 97 | 11 0 |
| 87 01 29 | 12 55 | 1622 25 | 373 316 | 121 652 | 4 96 | 11 0 |
| 87 02 02 | 09 30 | 1650 98 | 373 316 | 121 652 | 4 76 | 11 0 |
| 87 02 02 | 11 30 | 1622 71 | 373 880 | 121 836 | 4 91 | 11 0 |
| 87 02 02 | 13 30 | 1622 25 | 374 418 | 122 012 | 4 97 | 11 0 |
| 87 02 02 | 15 00 | 1622 17 | 374 803 | 122 137 | 4 99 | 11 0 |
| 87 02 03 | 09 00 | 1650 92 | 374 803 | 122 137 | 4 69 | 11 0 |
| 87 02 03 | 11 00 | 1622 71 | 375 338 | 122 311 | 4 82 | 11 0 |
| 87 02 03 | 13 00 | 1622 38 | 375 876 | 122 487 | 4 98 | 11 0 |
| 87 02 03 | 15 00 | 1622 55 | 376 406 | 122 659 | 5 03 | 11 0 |
| 87 02 04 | 15 30 | 1650 88 | 376 406 | 122 659 | 4 72 | 11 0 |
| 87 02 04 | 17 30 | 1622 71 | 376 902 | 122 821 | 5 18 | 11 0 |
| 87 02 04 | 19 30 | 1622 46 | 377 437 | 122 995 | 5 24 | 11 0 |
| 87 02 04 | 21 30 | 1622 30 | 377 963 | 123 167 | 5 22 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 02 04 | 22 30 | 1622 17 | 378 232 | 123 254 | 5 27 | 11 0 |
| 87 02 05 | 15 30 | 1622 18 | 378 232 | 123 254 | 5 27 | 11 0 |
| 87 02 05 | 17 30 | 1622 71 | 378 752 | 123 424 | 5 15 | 11 0 |
| 87 02 05 | 19 30 | 1622 21 | 379 293 | 123 600 | 5 12 | 11 0 |
| 87 02 05 | 21 30 | 1621 71 | 379 875 | 123 790 | 5 34 | 11 0 |
| 87 02 05 | 22 30 | 1621 63 | 380 098 | 123 863 | 5 32 | 11 0 |
| 87 02 10 | 15 30 | 1650 98 | 380 098 | 123 863 | 4 81 | 11 0 |
| 87 02 10 | 17 30 | 1622 63 | 380 650 | 124 042 | 5 23 | 11 0 |
| 87 02 10 | 19 30 | 1622 55 | 381 193 | 124 219 | 5 37 | 11 0 |
| 87 02 10 | 21 30 | 1622 38 | 381 740 | 124 398 | 5 24 | 11 0 |
| 87 02 10 | 22 30 | 1622 30 | 382 001 | 124 483 | 5 28 | 11 0 |
| 87 02 11 | 15 30 | 1650 88 | 382 001 | 124 483 | 4 86 | 11 0 |
| 87 02 11 | 17 30 | 1627 71 | 382 510 | 124 649 | 4 92 | 11 0 |
| 87 02 11 | 19 30 | 1622 46 | 383 038 | 124 821 | 4 95 | 11 0 |
| 87 02 11 | 21 30 | 1622 21 | 383 570 | 124 994 | 5 02 | 11 0 |
| 87 02 11 | 22 30 | 1622 13 | 383 838 | 125 081 | 5 12 | 11 0 |
| 87 02 12 | 15 30 | 1650 48 | 383 838 | 125 081 | 4 80 | 11 0 |
| 87 02 12 | 17 30 | 1622 71 | 384 355 | 125 250 | 5 20 | 11 0 |
| 87 02 12 | 19 30 | 1622 13 | 384 894 | 125 425 | 5 19 | 11 0 |
| 87 02 12 | 21 30 | 1622 13 | 385 426 | 125 599 | 5 13 | 11 0 |
| 87 02 12 | 22 30 | 1622 05 | 385 714 | 125 693 | 5 18 | 11 0 |
| 87 04 10 | 09 30 | | 385 714 | 125 693 | | |
| 87 04 10 | 11 40 | 1653 58 | 385 859 | 125 740 | 5 00 | |
| 87 04 14 | 08 32 | 1653 48 | 386 863 | 126 067 | 4 50 | |
| 87 04 14 | 11 27 | 1653 68 | 387 040 | 126 125 | 4 95 | |
| 87 04 17 | 08 12 | 1654 08 | 388 000 | 126 438 | 4 53 | |
| 87 04 22 | 10 00 | 1653 88 | 389 646 | 126 974 | 4 46 | |
| 87 05 08 | 09 30 | 1653 11 | 390 071 | 127 112 | 4 43 | 11 0 |
| 87 05 08 | 10 05 | 1626 03 | 390 195 | 127 153 | 4 96 | 12 0 |
| 87 06 01 | 11 16 | 1654 71 | 390 195 | 127 153 | 4 42 | 11 0 |
| 87 06 01 | 14 23 | 1653 59 | 390 361 | 127 207 | 4 43 | 11 0 |
| 87 06 01 | 15 08 | 1626 30 | 390 581 | 127 279 | 4 75 | 11 0 |
| 87 06 02 | 11 30 | 1653 59 | 390 581 | 127 279 | 4 86 | 11 0 |
| 87 06 02 | 13 30 | 1625 92 | 391 125 | 127 456 | 5 34 | 11 0 |
| 87 06 02 | 15 08 | | 391 559 | 127 597 | 5 34 | 11 0 |
| 87 06 09 | 15 00 | 1653 13 | 391 559 | 127 597 | 4 25 | 11 0 |
| 87 06 09 | 17 00 | 1625 63 | 392 095 | 127 772 | 4 83 | 11 0 |
| 87 06 09 | 19 00 | 1625 38 | 392 640 | 127 950 | 4 96 | 11 0 |
| 87 06 09 | 20 25 | 1625 36 | 393 022 | 128 074 | 5 36 | 11 0 |
| 87 06 10 | 12 40 | 1653 30 | 393 022 | 128 074 | 4 68 | 12 0 |
| 87 06 10 | 15 00 | 1640 80 | 393 300 | 128 165 | 5 03 | 12 0 |
| 87 06 10 | 17 00 | 1625 71 | 393 789 | 128 324 | 5 07 | 12 0 |
| 87 06 10 | 19 00 | 1652 80 | 393 789 | 128 324 | 4 37 | 12 0 |
| 87 06 10 | 21 00 | 1641 38 | 394 033 | 128 404 | 5 25 | 12 0 |
| 87 06 10 | 23 00 | 1645 88 | 394 279 | 128 484 | 5 28 | 12 0 |
| 87 06 11 | 00 05 | 1635 88 | 394 411 | 128 527 | 5 24 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 06 11 | 01 45 | 1652 78 | 394 411 | 128 527 | 4 91 | 12 0 |
| 87 06 11 | 03 45 | 1640 98 | 394 651 | 128 605 | 5 25 | 12 0 |
| 87 06 11 | 05 45 | 1640 98 | 394 890 | 128 683 | 5 32 | 12 0 |
| 87 06 11 | 07 45 | 1640 78 | 395 127 | 128 760 | 5 45 | 12 0 |
| 87 06 11 | 09 45 | 1640 68 | 395 371 | 128 840 | 5 48 | 11 0 |
| 87 06 11 | 11 45 | 1640 68 | 395 610 | 128 917 | 5 48 | 11 0 |
| 87 06 11 | 13 34 | 1640 78 | 395 854 | 128 997 | | 11 0 |
| 87 06 11 | 14 45 | 1640 58 | 395 976 | 129 037 | 5 05 | 11 0 |
| 87 06 11 | 17 00 | 1640 58 | 396 241 | 129 123 | 4 96 | 11 0 |
| 87 06 11 | 19 00 | 1640 58 | 396 488 | 129 204 | 4 95 | 11 0 |
| 87 06 11 | 21 00 | 1640 48 | 396 733 | 129 283 | 4 92 | 11 0 |
| 87 06 11 | 23 00 | 1640 48 | 396 983 | 129 365 | 4 94 | 11 0 |
| 87 06 12 | 01 00 | 1639 78 | 397 232 | 129 446 | 4 75 | 11 0 |
| 87 06 12 | 03 00 | 1639 78 | 397 479 | 129 526 | 4 43 | 11 0 |
| 87 06 12 | 05 00 | 1639 68 | 397 726 | 129 607 | 3 95 | 11 0 |
| 87 06 12 | 07 00 | 1639 48 | 397 918 | 129 670 | 4 87 | 12 0 |
| 87 06 12 | 09 00 | 1639 48 | 398 225 | 129 770 | 5 30 | 12 0 |
| 87 06 12 | 11 00 | 1639 48 | 398 411 | 129 830 | 5 33 | 12 0 |
| 87 06 12 | 13 00 | 1639 48 | 398 721 | 129 931 | 5 44 | 12 0 |
| 87 06 12 | 15 00 | 1639 48 | 398 995 | 130 021 | 5 17 | 12 0 |
| 87 06 12 | 17 00 | 1639 28 | 399 105 | 130 056 | 5 33 | 12 0 |
| 87 06 12 | 19 00 | 1639 18 | 399 437 | 130 165 | 5 41 | 12 0 |
| 87 06 12 | 21 00 | 1639 08 | 399 705 | 130 252 | 5 00 | 12 0 |
| 87 06 15 | 03 50 | 1651 48 | 399 880 | 130 309 | 4 43 | 12 0 |
| 87 06 15 | 05 50 | 1640 68 | 400 228 | 130 422 | 4 59 | 12 0 |
| 87 06 15 | 07 50 | 1640 48 | 400 451 | 130 495 | 6 00 | 12 0 |
| 87 06 15 | 09 50 | 1640 18 | 400 694 | 130 574 | 5 00 | 12 0 |
| 87 06 15 | 11 50 | 1640 08 | 400 939 | 130 654 | 5 00 | 12 0 |
| 87 06 15 | 13 50 | 1640 08 | 401 183 | 130 734 | 4 95 | 12 0 |
| 87 06 15 | 15 30 | 1639 98 | 401 380 | 130 798 | 4 98 | 12 0 |
| 87 06 15 | 16 20 | 1650 58 | 401 380 | 130 798 | 4 86 | 12 0 |
| 87 06 15 | 18 20 | 1640 08 | 401 608 | 130 872 | 5 26 | 12 0 |
| 87 06 15 | 20 30 | 1639 48 | 401 870 | 130 957 | 5 17 | 12 0 |
| 87 06 15 | 22 30 | 1639 48 | 402 121 | 131 039 | 5 24 | 12 0 |
| 87 06 16 | 00 30 | 1640 08 | 402 359 | 131 117 | 4 98 | 12 0 |
| 87 06 16 | 02 30 | 1640 18 | 402 594 | 131 193 | 5 18 | 12 0 |
| 87 06 16 | 04 30 | 1640 18 | 402 830 | 131 270 | 5 21 | 12 0 |
| 87 06 16 | 06 30 | 1640 18 | 403 066 | 131 347 | 5 15 | 12 0 |
| 87 06 16 | 08 30 | 1640 18 | 403 297 | 131 422 | 5 20 | 12 0 |
| 87 06 16 | 10 30 | 1640 38 | 403 535 | 131 500 | 5 10 | 12 0 |
| 87 06 16 | 12 30 | 1640 18 | 403 773 | 131 578 | 5 10 | 12 0 |
| 87 06 16 | 14 30 | 1639 98 | 404 007 | 131 654 | 5 10 | 12 0 |
| 87 06 16 | 16 30 | 1639 88 | 404 248 | 131 732 | 5 87 | 12 0 |
| 87 06 16 | 18 30 | 1639 68 | 404 482 | 131 809 | 5 10 | 12 0 |
| 87 06 16 | 20 30 | 1639 78 | 404 717 | 131 885 | 5 17 | 12 0 |
| 87 06 16 | 22 30 | 1639 88 | 404 954 | 131 962 | 5 23 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 06 17 | 00 30 | 1639 48 | 405 186 | 132 038 | 5 28 | 12 0 |
| 87 06 17 | 02 30 | 1639 18 | 405 423 | 132 115 | 5 23 | 12 0 |
| 87 06 17 | 04 30 | 1639 28 | 405 662 | 132 193 | 5 24 | 12 0 |
| 87 06 17 | 06 30 | 1639 28 | 405 896 | 132 269 | 5 26 | 12 0 |
| 87 06 17 | 08 30 | 1639 08 | 406 136 | 132 348 | 5 27 | 12 0 |
| 87 06 17 | 10 30 | 1638 48 | 406 373 | 132 425 | 5 90 | 12 0 |
| 87 06 17 | 12 30 | 1638 48 | 406 643 | 132 513 | 5 60 | 12 0 |
| 87 06 17 | 14 30 | 1635 68 | 406 934 | 132 608 | 5 60 | 12 0 |
| 87 06 17 | 16 30 | 1635 58 | 407 249 | 132 710 | 5 20 | 12 0 |
| 87 06 17 | 18 30 | 1635 48 | 407 570 | 132 815 | 5 17 | 12 0 |
| 87 06 17 | 20 30 | 1635 08 | 407 890 | 132 919 | 5 19 | 12 0 |
| 87 06 17 | 22 30 | 1634 68 | 408 205 | 133 022 | 5 20 | 12 0 |
| 87 06 18 | 00 30 | 1638 68 | 408 470 | 133 108 | 5 23 | 12 0 |
| 87 06 18 | 02 30 | 1638 78 | 408 710 | 133 186 | 5 25 | 12 0 |
| 87 06 18 | 04 30 | 1638 68 | 408 948 | 133 264 | 5 26 | 12 0 |
| 87 06 18 | 06 30 | 1638 48 | 409 187 | 133 342 | 5 27 | 12 0 |
| 87 06 18 | 08 30 | 1638 48 | 409 428 | 133 420 | 5 29 | 12 0 |
| 87 06 18 | 10 30 | 1638 58 | 409 666 | 133 498 | 5 27 | 12 0 |
| 87 06 18 | 12 30 | 1639 08 | 409 902 | 133 575 | 5 23 | 12 0 |
| 87 06 18 | 14 30 | 1639 28 | 410 140 | 133 652 | 5 24 | 12 0 |
| 87 06 18 | 16 30 | 1638 88 | 410 370 | 133 727 | 5 20 | 12 0 |
| 87 06 18 | 19 10 | 1650 58 | 410 370 | 133 727 | 5 14 | 12 0 |
| 87 06 18 | 21 10 | 1639 48 | 410 605 | 133 804 | 5 24 | 12 0 |
| 87 06 18 | 23 10 | 1639 78 | 410 833 | 133 878 | 5 26 | 12 0 |
| 87 06 19 | 01 10 | 1639 98 | 411 066 | 133 954 | 4 98 | 12 0 |
| 87 06 19 | 02 30 | 1639 98 | 411 231 | 134 008 | | 12 0 |
| 87 06 19 | 03 50 | 1650 88 | 411 231 | 134 008 | 4 98 | 12 0 |
| 87 06 19 | 05 48 | 1639 48 | 411 414 | 134 067 | | 12 0 |
| 87 06 19 | 18 35 | 1651 38 | 411 474 | 134 087 | 4 72 | 12 0 |
| 87 06 19 | 20 35 | 1639 68 | 411 882 | 134 220 | 5 23 | 13 0 |
| 87 06 19 | 22 35 | 1639 48 | 412 125 | 134 299 | 5 24 | 13 0 |
| 87 06 20 | 00 35 | 1639 58 | 412 366 | 134 378 | 5 12 | 9 0 |
| 87 06 20 | 02 35 | 1639 48 | 412 600 | 134 454 | 5 08 | 9 0 |
| 87 06 20 | 04 35 | 1639 48 | 412 854 | 134 537 | 4 98 | 12 0 |
| 87 06 20 | 06 35 | 1639 48 | 413 079 | 134 610 | 4 92 | 12 0 |
| 87 06 20 | 08 35 | 1639 48 | 413 381 | 134 708 | 5 38 | 12 0 |
| 87 06 20 | 10 35 | 1636 48 | 413 678 | 134 805 | 5 20 | 12 0 |
| 87 06 20 | 12 35 | 1639 48 | 413 955 | 134 896 | 5 68 | 12 0 |
| 87 06 20 | 14 35 | 1639 48 | 414 177 | 134 968 | 5 69 | 12 0 |
| 87 06 20 | 16 35 | 1639 28 | 414 423 | 135 048 | 5 32 | 12 0 |
| 87 06 20 | 18 35 | 1639 18 | 414 657 | 135 124 | 5 18 | 12 0 |
| 87 06 20 | 20 35 | 1638 68 | 414 897 | 135 202 | 5 46 | 12 0 |
| 87 06 20 | 22 35 | 1636 48 | 415 135 | 135 280 | 5 32 | 12 0 |
| 87 06 21 | 15 25 | 1650 08 | 415 135 | 135 280 | 4 13 | 11 0 |
| 87 06 21 | 17 25 | 1635 48 | 415 448 | 135 382 | 5 22 | 11 0 |
| 87 06 21 | 19 25 | 1635 48 | 415 769 | 135 487 | 5 18 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 06 21 | 21 25 | 1635 48 | 416 085 | 135 590 | 5 14 | 11 0 |
| 87 06 21 | 23 25 | 1635 48 | 416 404 | 135 694 | 5 15 | 12 0 |
| 87 06 22 | 01 25 | 1635 48 | 416 723 | 135 798 | 5 19 | 12 0 |
| 87 06 22 | 03 25 | 1635 48 | 417 043 | 135 902 | 5 18 | 12 0 |
| 87 06 22 | 05 30 | 1650 48 | 417 043 | 135 902 | 5 15 | 12 0 |
| 87 06 22 | 07 30 | 1639 48 | 417 283 | 135 980 | 5 33 | 12 0 |
| 87 06 22 | 09 30 | 1639 28 | 417 519 | 136 057 | 5 50 | 12 0 |
| 87 06 22 | 11 30 | 1639 18 | 417 757 | 136 134 | 5 46 | 12 0 |
| 87 06 22 | 13 30 | 1638 78 | 417 992 | 136 211 | 5 42 | 12 0 |
| 87 06 22 | 15 45 | 1638 88 | 418 248 | 136 294 | 5 65 | 12 0 |
| 87 06 22 | 17 45 | 1638 78 | 418 481 | 136 370 | 5 88 | 11 7 |
| 87 06 22 | 19 45 | 1638 68 | 418 714 | 136 446 | 5 96 | 11 7 |
| 87 06 22 | 21 45 | 1637 48 | 418 941 | 136 520 | 5 95 | 11 6 |
| 87 06 22 | 23 45 | 1637 88 | 419 176 | 136 597 | 5 25 | 12 0 |
| 87 06 23 | 01 45 | 1637 58 | 419 408 | 136 672 | 5 07 | 12 0 |
| 87 06 23 | 03 45 | 1637 48 | 419 649 | 136 751 | 5 10 | 12 0 |
| 87 06 23 | 05 45 | 1637 48 | 419 873 | 136 824 | 5 06 | 12 0 |
| 87 06 23 | 07 45 | 1637 48 | 420 110 | 136 901 | 5 55 | 12 0 |
| 87 06 23 | 09 45 | 1637 68 | 420 340 | 136 976 | 5 70 | 12 0 |
| 87 06 23 | 11 45 | 1636 28 | 420 609 | 137 064 | 5 55 | 12 0 |
| 87 06 23 | 13 45 | 1636 18 | 420 873 | 137 150 | 5 50 | 12 0 |
| 87 06 23 | 15 45 | 1635 98 | 421 141 | 137 237 | 5 95 | 12 0 |
| 87 06 23 | 19 50 | 1648 38 | 421 141 | 137 237 | 5 46 | 12 0 |
| 87 06 23 | 21 50 | 1633 88 | 421 460 | 137 341 | 5 41 | 12 0 |
| 87 06 23 | 23 50 | 1630 88 | 421 813 | 137 456 | 4 85 | 12 0 |
| 87 06 24 | 01 50 | 1630 38 | 422 182 | 137 576 | 4 94 | 12 0 |
| 87 06 24 | 03 50 | 1629 88 | 422 571 | 137 703 | 5 05 | 12 0 |
| 87 06 24 | 04 05 | 1629 78 | 422 612 | 137 717 | 5 10 | 12 0 |
| 87 06 24 | 10 52 | 1647 58 | 422 612 | 137 717 | 6 85 | 12 0 |
| 87 06 24 | 13 00 | 1635 48 | 422 906 | 137 812 | 5 66 | 12 0 |
| 87 06 24 | 15 04 | 1635 18 | 423 178 | 137 901 | 5 12 | 12 0 |
| 87 06 24 | 17 04 | 1635 28 | 423 440 | 137 986 | 5 24 | 12 0 |
| 87 06 24 | 19 04 | 1635 28 | 423 688 | 138 067 | 5 16 | 12 0 |
| 87 06 24 | 21 04 | 1635 48 | 423 970 | 138 159 | 5 14 | 12 0 |
| 87 06 24 | 23 04 | 1635 48 | 424 251 | 138 251 | 5 15 | 12 0 |
| 87 06 25 | 01 04 | 1638 48 | 424 529 | 138 341 | 5 19 | 12 1 |
| 87 06 25 | 03 04 | 1635 48 | 424 809 | 138 433 | 5 18 | 12 1 |
| 87 06 25 | 05 04 | 1635 78 | 425 088 | 138 523 | 5 19 | 12 0 |
| 87 06 25 | 07 04 | 1635 88 | 425 381 | 138 619 | 5 13 | 12 0 |
| 87 06 25 | 09 10 | 1635 98 | 425 678 | 138 716 | 5 71 | 12 0 |
| 87 06 25 | 11 10 | 1635 88 | 425 947 | 138 803 | 5 42 | 12 0 |
| 87 06 25 | 13 10 | 1635 88 | 426 222 | 138 893 | 5 46 | 12 0 |
| 87 06 25 | 15 10 | 1633 98 | 426 515 | 138 988 | 5 48 | 12 0 |
| 87 06 25 | 17 10 | 1633 88 | 426 811 | 139 085 | 5 50 | 11 0 |
| 87 06 25 | 19 10 | 1633 88 | 427 121 | 139 186 | 3 80 | 11 0 |
| 87 06 25 | 21 10 | 1633 88 | 427 439 | 139 290 | 5 71 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 06 25 | 23 10 | 1633 78 | 427 739 | 139 387 | 4 73 | 11 0 |
| 87 06 26 | 01 10 | 1633 48 | 428 051 | 139 489 | 5 54 | 11 0 |
| 87 06 26 | 03 10 | 1636 88 | 428 292 | 139 568 | 5 53 | 11 0 |
| 87 06 26 | 05 10 | 1637 08 | 428 531 | 139 645 | 5 57 | 12 0 |
| 87 06 26 | 07 10 | 1636 88 | 428 773 | 139 724 | 5 57 | 12 0 |
| 87 06 26 | 09 10 | 1629 38 | 429 015 | 139 803 | 5 74 | 12 0 |
| 87 06 26 | 11 10 | 1632 48 | 429 325 | 139 904 | 5 91 | 12 0 |
| 87 06 26 | 13 10 | 1632 08 | 429 672 | 140 017 | 5 90 | 12 0 |
| 87 06 26 | 15 10 | 1631 78 | 430 003 | 140 125 | 5 96 | 12 0 |
| 87 06 26 | 17 10 | 1631 78 | 430 347 | 140 237 | 5 97 | 12 0 |
| 87 06 26 | 19 10 | 1631 58 | 430 690 | 140 349 | 5 98 | 12 0 |
| 87 06 26 | 20 10 | 1631 18 | 431 035 | 140 461 | 5 96 | 12 0 |
| 87 06 26 | 23 10 | 1630 68 | 431 384 | 140 575 | 5 64 | 12 0 |
| 87 06 27 | 01 10 | 1630 48 | 431 727 | 140 687 | 5 62 | 12 0 |
| 87 06 27 | 03 10 | 1630 48 | 432 070 | 140 799 | 5 66 | 12 0 |
| 87 06 27 | 05 10 | 1630 48 | 432 414 | 140 911 | | 12 0 |
| 87 06 27 | 07 10 | 1630 48 | 432 751 | 141 021 | 5 57 | 12 0 |
| 87 06 27 | 09 10 | 1630 48 | 433 110 | 141 138 | 5 79 | 12 0 |
| 87 06 27 | 11 10 | 1630 28 | 433 456 | 141 250 | 5 79 | 12 0 |
| 87 06 27 | 13 10 | 1630 28 | 433 920 | 141 402 | 5 86 | 12 0 |
| 87 06 27 | 15 10 | 1630 48 | 434 117 | 141 466 | 5 90 | 12 0 |
| 87 06 27 | 21 10 | 1630 48 | 434 488 | 141 587 | 5 90 | 12 0 |
| 87 06 27 | 23 10 | 1634 78 | 434 728 | 141 665 | 5 81 | 12 0 |
| 87 06 28 | 01 10 | 1634 98 | 434 966 | 141 742 | 5 91 | 12 0 |
| 87 06 28 | 03 10 | 1635 28 | 435 205 | 141 820 | 5 95 | 12 0 |
| 87 06 28 | 05 10 | 1635 18 | 435 442 | 141 897 | 5 96 | 12 0 |
| 87 06 28 | 07 10 | 1635 38 | 435 682 | 141 976 | 5 93 | 12 0 |
| 87 06 28 | 09 10 | 1635 48 | 435 919 | 142 053 | 5 96 | 12 0 |
| 87 06 28 | 11 10 | 1635 48 | 436 155 | 142 130 | 5 92 | 12 0 |
| 87 06 28 | 13 10 | 1635 48 | 436 392 | 142 207 | 5 99 | 12 0 |
| 87 06 28 | 15 10 | 1635 48 | 436 639 | 142 288 | 5 57 | 12 0 |
| 87 06 28 | 17 10 | 1635 48 | 436 860 | 142 360 | 5 43 | 12 0 |
| 87 06 28 | 19 10 | 1635 28 | 437 107 | 142 440 | 6 02 | 12 0 |
| 87 06 28 | 21 10 | 1635 58 | 437 334 | 142 514 | 5 80 | 12 0 |
| 87 06 28 | 23 15 | 1636 18 | 437 574 | 142 592 | 5 79 | 12 0 |
| 87 06 29 | 04 40 | 1647 68 | 437 574 | 142 592 | 5 38 | 12 0 |
| 87 06 29 | 06 40 | 1630 88 | 437 856 | 142 684 | 5 60 | 12 0 |
| 87 06 29 | 08 40 | 1635 78 | 438 125 | 142 772 | 5 60 | 12 0 |
| 87 06 29 | 10 40 | 1632 98 | 438 272 | 142 820 | 5 79 | 12 0 |
| 87 06 29 | 12 40 | 1632 48 | 438 615 | 142 931 | 5 78 | 12 0 |
| 87 06 29 | 14 50 | 1632 58 | 438 985 | 143 052 | 5 82 | 12 0 |
| 87 06 29 | 16 50 | 1632 58 | 439 318 | 143 161 | 5 93 | 12 0 |
| 87 06 29 | 18 50 | 1632 58 | 439 659 | 143 272 | 5 97 | 12 0 |
| 87 06 29 | 20 50 | 1632 48 | 439 998 | 143 382 | 5 64 | 12 0 |
| 87 06 29 | 22 50 | 1632 48 | 440 338 | 143 493 | 5 75 | 12 0 |
| 87 06 30 | 00 50 | 1632 48 | 440 682 | 143 605 | 6 18 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 06 30 | 02 50 | 1632 58 | 441 017 | 143 714 | 6 41 | 12 0 |
| 87 06 30 | 04 50 | 1632 58 | 441 358 | 143 825 | 6 65 | 12 0 |
| 87 06 30 | 06 50 | 1632 68 | 441 698 | 143 936 | 6 66 | 12 0 |
| 87 06 30 | 08 50 | 1632 68 | 442 032 | 144 045 | 6 40 | 12 0 |
| 87 06 30 | 10 50 | 1632 58 | 442 371 | 144 155 | 6 49 | 12 0 |
| 87 06 30 | 12 50 | 1632 68 | 442 709 | 144 266 | 5 79 | 12 0 |
| 87 06 30 | 14 50 | 1634 38 | 443 018 | 144 366 | 5 87 | 12 0 |
| 87 06 30 | 15 30 | 1633 98 | 443 097 | 144 392 | 5 92 | 12 0 |
| 87 06 30 | 20 30 | 1643 98 | 443 097 | 144 392 | 5 98 | 12 0 |
| 87 06 30 | 22 30 | 1633 18 | 443 406 | 144 493 | 6 85 | 12 0 |
| 87 07 01 | 00 30 | 1638 08 | 443 645 | 144 571 | 6 89 | 13 0 |
| 87 07 01 | 02 30 | 1638 28 | 443 884 | 144 648 | 5 95 | 12 0 |
| 87 07 01 | 03 29 | 1638 08 | 443 998 | 144 686 | 5 89 | 10 0 |
| 87 07 01 | 08 45 | 1649 38 | 443 998 | 144 686 | 6 12 | 12 0 |
| 87 07 01 | 10 45 | 1635 48 | 444 228 | 144 761 | 5 89 | 12 0 |
| 87 07 01 | 12 45 | 1635 28 | 444 526 | 144 858 | 6 12 | 12 0 |
| 87 07 01 | 14 45 | 1635 18 | 444 833 | 144 958 | 6 11 | 12 0 |
| 87 07 01 | 16 45 | 1634 98 | 445 136 | 145 056 | 5 98 | 12 0 |
| 87 07 01 | 18 45 | 1634 78 | 445 442 | 145 156 | 5 94 | 12 0 |
| 87 07 01 | 20 45 | 1634 68 | 445 794 | 145 271 | 5 96 | 12 0 |
| 87 07 01 | 22 45 | 1634 58 | 446 056 | 145 356 | 5 92 | 12 0 |
| 87 07 02 | 00 45 | 1636 68 | 446 333 | 145 447 | 6 40 | 12 0 |
| 87 07 02 | 02 45 | 1638 08 | 446 583 | 145 528 | 6 22 | 12 0 |
| 87 07 02 | 04 45 | 1638 48 | 446 822 | 145 606 | 5 80 | 12 0 |
| 87 07 02 | 06 45 | 1638 38 | 447 061 | 145 684 | 5 83 | 12 0 |
| 87 07 02 | 08 45 | 1638 48 | 447 300 | 145 762 | 5 91 | 12 0 |
| 87 07 02 | 10 45 | 1634 08 | 447 628 | 145 869 | 6 00 | 12 0 |
| 87 07 02 | 12 45 | 1633 98 | 447 958 | 145 976 | 5 89 | 12 0 |
| 87 07 03 | 16 00 | 1649 58 | 447 958 | 145 976 | 5 24 | 12 0 |
| 87 07 03 | 18 00 | 1626 28 | 448 460 | 146 140 | 5 92 | 12 0 |
| 87 07 03 | 20 00 | 1625 48 | 448 981 | 146 309 | 5 76 | 12 0 |
| 87 07 03 | 22 00 | 1625 48 | 449 497 | 146 478 | 5 71 | 12 0 |
| 87 07 04 | 00 00 | 1632 18 | 449 930 | 146 619 | 5 74 | 12 0 |
| 87 07 04 | 01 10 | 1632 68 | 450 088 | 146 670 | 6 66 | 12 0 |
| 87 07 04 | 17 00 | | 450 142 | 146 688 | 5 79 | 12 0 |
| 87 07 04 | 19 00 | | 450 372 | 146 763 | 5 69 | 12 0 |
| 87 07 04 | 21 00 | | 450 495 | 146 803 | 5 66 | 12 0 |
| 87 07 04 | 23 20 | 1637 98 | 450 678 | 146 862 | 5 34 | 14 0 |
| 87 07 05 | 01 20 | 1638 08 | 450 921 | 146 942 | 5 55 | 12 0 |
| 87 07 05 | 03 20 | 1637 98 | 451 161 | 147 020 | 5 40 | 13 0 |
| 87 07 05 | 05 20 | 1635 28 | 451 437 | 147 110 | 5 49 | 13 0 |
| 87 07 05 | 07 20 | 1635 18 | 451 735 | 147 207 | 5 97 | 12 0 |
| 87 07 05 | 09 20 | 1634 98 | 452 033 | 147 304 | 5 78 | 12 0 |
| 87 07 05 | 11 20 | 1634 98 | 452 331 | 147 401 | 5 80 | 12 0 |
| 87 07 05 | 13 53 | 1638 88 | 452 619 | 147 495 | 5 98 | 12 0 |
| 87 07 05 | 15 55 | 1637 88 | 452 866 | 147 575 | 5 98 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 07 05 | 17 55 | 1637 68 | 453 107 | 147 654 | 5 82 | 12 0 |
| 87 07 05 | 20 00 | 1637 28 | 453 359 | 147 736 | 5 85 | 12 0 |
| 87 07 05 | 22 00 | 1637 48 | 453 596 | 147 813 | 5 87 | 12 0 |
| 87 07 06 | 00 00 | 1633 78 | 453 895 | 147 911 | 5 56 | 12 0 |
| 87 07 06 | 01 16 | 1633 58 | 454 092 | 147 975 | 5 52 | 12 0 |
| 87 07 06 | 04 04 | 1647 58 | 454 092 | 147 975 | 5 21 | 12 0 |
| 87 07 06 | 06 04 | 1635 28 | 454 376 | 148 068 | 5 58 | 12 0 |
| 87 07 06 | 08 04 | 1634 88 | 454 654 | 148 158 | | |
| 87 07 06 | 10 04 | 1634 78 | 454 931 | 148 248 | 5 47 | 12 0 |
| 87 07 06 | 11 52 | 1634 88 | 455 182 | 148 330 | 5 81 | 12 0 |
| 87 07 06 | 13 52 | 1634 68 | 455 458 | 148 420 | 5 86 | 12 0 |
| 87 07 06 | 15 15 | 1634 78 | 455 652 | 148 483 | 5 82 | 11 0 |
| 87 07 06 | 18 30 | 1636 28 | 456 111 | 148 633 | 5 70 | 12 0 |
| 87 07 06 | 20 30 | 1636 18 | 456 352 | 148 711 | 5 73 | 12 0 |
| 87 07 06 | 22 30 | 1632 38 | 456 651 | 148 809 | 5 68 | 12 0 |
| 87 07 06 | 23 30 | | 456 808 | 148 860 | | |
| 87 07 07 | 01 43 | 1647 78 | 456 808 | 148 860 | 4 98 | 12 0 |
| 87 07 07 | 03 43 | 1632 18 | 457 143 | 148 969 | 5 21 | 12 0 |
| 87 07 07 | 05 43 | 1636 58 | 457 480 | 149 079 | 5 69 | 12 0 |
| 87 07 07 | 07 43 | 1632 68 | 457 820 | 149 190 | 6 11 | 13 0 |
| 87 07 07 | 08 25 | | | | | |
| 87 07 07 | 09 45 | 1632 78 | 458 174 | 149 305 | 5 98 | 13 0 |
| 87 07 07 | 11 45 | 1632 78 | 458 528 | 149 421 | 6 10 | 14 0 |
| 87 07 07 | 13 45 | 1632 68 | 458 853 | 149 526 | 6 13 | 13 0 |
| 87 07 07 | 15 45 | 1632 78 | 459 187 | 149 635 | 6 11 | 13 0 |
| 87 07 07 | 17 45 | 1631 08 | 459 550 | 149 754 | | 13 0 |
| 87 07 07 | 19 45 | 1630 78 | 459 929 | 149 877 | 5 83 | 13 0 |
| 87 07 07 | 21 45 | 1630 78 | 460 314 | 150 003 | 5 70 | 13 0 |
| 87 07 07 | 23 45 | 1630 78 | 460 692 | 150 126 | 5 45 | 12 0 |
| 87 07 08 | 01 45 | 1630 78 | 461 082 | 150 253 | 5 43 | 12 0 |
| 87 07 08 | 03 45 | 1630 48 | 461 465 | 150 378 | 5 65 | 12 0 |
| 87 07 08 | 05 45 | 1630 78 | 461 853 | 150 504 | 5 68 | 12 0 |
| 87 07 08 | 07 45 | 1630 88 | 462 240 | 150 630 | 5 76 | 12 0 |
| 87 07 08 | 09 45 | 1630 98 | 462 628 | 150 757 | 5 50 | 12 0 |
| 87 07 08 | 11 45 | 1629 28 | 463 047 | 150 893 | 5 69 | 12 0 |
| 87 07 08 | 13 45 | 1632 08 | 463 433 | 151 019 | 5 94 | 12 0 |
| 87 07 08 | 15 40 | | 463 771 | 151 129 | | |
| 87 07 08 | 21 00 | 1648 08 | 463 771 | 151 129 | 5 00 | 12 0 |
| 87 07 08 | 23 00 | 1630 68 | 464 196 | 151 268 | 5 46 | 12 0 |
| 87 07 09 | 01 00 | 1630 48 | 464 577 | 151 392 | 4 67 | 12 0 |
| 87 07 09 | 03 00 | 1630 58 | 464 960 | 151 517 | 5 68 | 12 0 |
| 87 07 09 | 05 00 | 1630 48 | 465 433 | 151 671 | 4 84 | 12 0 |
| 87 07 09 | 07 00 | 1630 48 | 465 738 | 151 770 | 4 87 | 12 0 |
| 87 07 09 | 08 00 | 1630 48 | 466 111 | 151 892 | 5 74 | 12 0 |
| 87 07 09 | 10 40 | 1632 08 | 466 423 | 151 993 | 5 93 | 12 0 |
| 87 07 09 | 12 40 | 1632 08 | 466 763 | 152 104 | 5 91 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 07 09 | 14 40 | 1632 18 | 467 106 | 152 216 | 6 00 | 12 0 |
| 87 07 09 | 16 40 | 1632 38 | 467 444 | 152 326 | 5 89 | 12 0 |
| 87 07 09 | 19 00 | 1632 28 | 467 838 | 152 454 | 5 95 | 12 0 |
| 87 07 09 | 21 00 | 1632 08 | 468 182 | 152 566 | 5 45 | 12 0 |
| 87 07 09 | 23 10 | 1632 08 | 468 551 | 152 687 | 5 91 | 12 0 |
| 87 07 10 | 01 10 | 1632 18 | 468 905 | 152 802 | 5 95 | 12 0 |
| 87 07 10 | 03 10 | 1632 08 | 469 247 | 152 914 | 5 91 | 12 0 |
| 87 07 10 | 05 10 | 1632 28 | 469 592 | 153 026 | 5 97 | 13 8 |
| 87 07 10 | 07 15 | 1632 08 | 469 961 | 153 146 | 5 49 | 12 0 |
| 87 07 10 | 09 15 | 1632 08 | 470 301 | 153 257 | 5 60 | 12 0 |
| 87 07 10 | 11 45 | 1630 58 | 470 543 | 153 336 | 6 01 | 12 0 |
| 87 07 10 | 13 45 | 1629 98 | 470 935 | 153 464 | 5 82 | 12 0 |
| 87 07 10 | 15 45 | 1629 88 | 471 300 | 153 583 | 5 90 | 12 0 |
| 87 07 10 | 17 45 | 1630 08 | 471 665 | 153 701 | 5 85 | 12 0 |
| 87 07 10 | 20 00 | 1630 08 | 472 113 | 153 847 | 5 87 | 12 0 |
| 87 07 10 | 22 00 | 1630 18 | 472 508 | 153 976 | 5 75 | 12 0 |
| 87 07 10 | 23 00 | 1630 28 | 472 718 | 154 045 | 5 71 | 12 0 |
| 87 07 11 | 01 00 | 1630 28 | 473 100 | 154 169 | 5 76 | 12 0 |
| 87 07 11 | 03 00 | 1630 08 | 473 486 | 154 295 | 6 05 | 12 0 |
| 87 07 11 | 05 00 | 1629 88 | 473 873 | 154 421 | | 12 0 |
| 87 07 11 | 07 15 | 1630 18 | 474 307 | 154 562 | 6 18 | 12 0 |
| 87 07 11 | 09 15 | 1630 08 | 474 703 | 154 691 | 5 98 | 12 0 |
| 87 07 11 | 11 15 | 1630 08 | 475 083 | 154 815 | 5 92 | 12 0 |
| 87 07 11 | 13 15 | 1630 08 | 475 466 | 154 940 | 6 07 | 12 0 |
| 87 07 11 | 15 15 | 1630 08 | 475 795 | 155 047 | 5 93 | 12 0 |
| 87 07 11 | 17 15 | 1630 18 | 476 143 | 155 161 | 5 72 | 12 0 |
| 87 07 11 | 19 15 | 1630 18 | 476 498 | 155 276 | 6 09 | 12 0 |
| 87 07 11 | 21 15 | 1630 18 | 476 761 | 155 362 | 5 90 | 12 0 |
| 87 07 11 | 23 15 | 1630 08 | 477 051 | 155 457 | 5 91 | 12 0 |
| 87 07 12 | 01 15 | 1632 28 | 477 389 | 155 567 | 5 95 | 12 0 |
| 87 07 12 | 03 15 | 1632 18 | 477 716 | 155 673 | 5 89 | 12 0 |
| 87 07 12 | 05 15 | 1637 28 | 478 033 | 155 777 | 6 04 | 12 0 |
| 87 07 12 | 07 15 | 1636 98 | 478 275 | 155 855 | 5 92 | 12 0 |
| 87 07 12 | 09 15 | 1636 98 | 478 511 | 155 932 | 6 06 | 12 0 |
| 87 07 12 | 11 15 | 1633 08 | 478 824 | 156 034 | 6 06 | 12 0 |
| 87 07 12 | 13 15 | 1632 88 | 479 144 | 156 139 | 6 05 | 12 0 |
| 87 07 12 | 15 15 | 1633 18 | 479 468 | 156 244 | 6 19 | 12 0 |
| 87 07 12 | 17 15 | 1632 98 | 479 790 | 156 349 | 6 21 | 13 0 |
| 87 07 12 | 19 15 | 1631 98 | 480 130 | 156 460 | 5 97 | 13 0 |
| 87 07 12 | 21 15 | 1631 78 | 480 470 | 156 571 | 5 40 | 13 0 |
| 87 07 12 | 23 15 | 1631 78 | 480 810 | 156 682 | 5 23 | 12 0 |
| 87 07 13 | 01 15 | 1631 78 | 481 153 | 156 793 | 5 57 | 12 0 |
| 87 07 13 | 03 15 | 1631 88 | 481 498 | 156 906 | 5 82 | 12 0 |
| 87 07 13 | 05 15 | 1630 18 | 481 852 | 157 021 | 5 85 | 12 0 |
| 87 07 13 | 07 15 | 1629 88 | 482 244 | 157 149 | 5 96 | 12 0 |
| 87 07 13 | 09 15 | 1629 88 | 482 629 | 157 274 | 6 10 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 07 13 | 11 40 | 1629 98 | 483 094 | 157 426 | 5 98 | 12 0 |
| 87 07 13 | 14 10 | 1629 88 | 483 572 | 157 582 | 6 08 | 12 0 |
| 87 07 13 | 16 10 | 1629 78 | 483 973 | 157 712 | 5 45 | 12 0 |
| 87 07 13 | 18 10 | 1629 58 | 484 347 | 157 834 | 5 71 | 12 0 |
| 87 07 13 | 20 10 | 1628 88 | 484 741 | 157 963 | 5 61 | 12 0 |
| 87 07 13 | 22 10 | 1628 68 | 485 136 | 158 091 | 5 68 | 12 0 |
| 87 07 14 | 00 10 | 1629 08 | 485 530 | 158 220 | 5 84 | 12 0 |
| 87 07 14 | 02 10 | 1634 48 | 485 767 | 158 297 | 5 73 | 12 0 |
| 87 07 14 | 14 45 | | 485 810 | 158 311 | 6 10 | 12 0 |
| 87 07 14 | 16 45 | 1621 48 | 486 346 | 158 486 | 5 92 | 12 0 |
| 87 07 14 | 18 45 | 1621 38 | 486 901 | 158 666 | 5 85 | 13 0 |
| 87 07 14 | 20 45 | 1624 68 | 487 454 | 158 847 | 6 02 | 13 0 |
| 87 07 14 | 22 45 | 1628 48 | 487 897 | 158 991 | 6 05 | 13 0 |
| 87 07 15 | 00 45 | 1630 48 | 488 242 | 159 103 | 5 95 | 13 0 |
| 87 07 15 | 02 45 | 1633 48 | 488 518 | 159 193 | 5 84 | 13 0 |
| 87 07 15 | 04 45 | 1628 48 | 488 790 | 159 282 | 5 75 | 12 0 |
| 87 07 15 | 06 45 | 1633 48 | 489 062 | 159 371 | 5 61 | 12 0 |
| 87 07 15 | 08 45 | 1630 38 | 489 368 | 159 470 | 5 56 | 12 0 |
| 87 07 15 | 10 45 | 1629 58 | 489 712 | 159 582 | 5 93 | 12 0 |
| 87 07 15 | 12 45 | 1629 48 | 490 055 | 159 694 | 5 90 | 12 0 |
| 87 07 15 | 14 45 | 1629 48 | 490 395 | 159 805 | 5 91 | 12 0 |
| 87 07 15 | 16 45 | 1629 48 | 490 743 | 159 918 | 6 49 | 12 0 |
| 87 07 15 | 18 45 | 1629 48 | 491 083 | 160 029 | 6 11 | 12 0 |
| 87 07 15 | 20 45 | 1630 08 | 491 425 | 160 141 | 5 74 | 12 0 |
| 87 07 15 | 22 45 | 1630 38 | 491 770 | 160 253 | 5 65 | 12 0 |
| 87 07 16 | 00 45 | 1630 38 | 492 114 | 160 365 | 5 71 | 12 0 |
| 87 07 16 | 02 45 | 1628 78 | 492 481 | 160 485 | 5 61 | 12 0 |
| 87 07 16 | 04 45 | 1628 88 | 492 856 | 160 607 | 6 66 | 12 0 |
| 87 07 16 | 06 45 | 1628 88 | 493 233 | 160 730 | 6 55 | 12 0 |
| 87 07 16 | 09 00 | 1645 28 | 493 456 | 160 803 | 5 51 | 12 0 |
| 87 07 16 | 11 00 | | 493 723 | 160 890 | 5 67 | 12 0 |
| 87 07 16 | 13 00 | 1627 28 | 494 031 | 160 990 | 5 73 | 12 0 |
| 87 07 16 | 14 55 | | 494 081 | 161 006 | 5 78 | 12 0 |
| 87 07 16 | 16 30 | 1628 08 | 494 383 | 161 105 | 5 92 | 12 0 |
| 87 07 17 | 11 00 | 1645 68 | 494 384 | 161 105 | 5 48 | 12 0 |
| 87 07 17 | 13 00 | 1621 48 | 494 891 | 161 270 | 6 11 | 12 0 |
| 87 07 17 | 15 00 | 1621 28 | 495 425 | 161 444 | 5 92 | 12 0 |
| 87 07 17 | 17 00 | 1621 28 | 495 979 | 161 625 | 5 97 | 12 0 |
| 87 07 17 | 19 00 | 1621 28 | 496 520 | 161 801 | 5 78 | 12 0 |
| 87 07 17 | 21 00 | 1621 18 | 497 060 | 161 977 | 5 79 | 12 0 |
| 87 07 17 | 23 00 | 1621 08 | 497 592 | 162 150 | 5 86 | 12 0 |
| 87 07 18 | 01 00 | 1630 08 | 498 064 | 162 304 | 5 62 | 12 0 |
| 87 07 18 | 03 00 | 1630 38 | 498 407 | 162 416 | 5 76 | 12 0 |
| 87 07 18 | 05 00 | 1630 38 | 498 750 | 162 528 | 6 90 | 12 0 |
| 87 07 18 | 07 10 | 1630 48 | 499 120 | 162 648 | 6 22 | 12 0 |
| 87 07 18 | 09 00 | 1630 48 | 499 438 | 162 752 | 6 20 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 07 18 | 11 00 | 1630 48 | 499 778 | 162 863 | 6 60 | 12 0 |
| 87 07 18 | 13 00 | 1630 68 | 500 130 | 162 977 | 5 39 | 12 0 |
| 87 07 18 | 15 00 | 1630 08 | 500 465 | 163 087 | 5 93 | 12 0 |
| 87 07 18 | 17 00 | 1630 38 | 500 792 | 163 193 | 5 90 | 12 0 |
| 87 07 18 | 19 00 | 1630 38 | 501 134 | 163 305 | 7 23 | 12 0 |
| 87 07 18 | 21 00 | 1629 48 | 501 476 | 163 416 | 6 88 | 12 0 |
| 87 07 18 | 23 00 | 1627 08 | 501 829 | 163 531 | 7 70 | 12 0 |
| 87 07 19 | 01 00 | 1631 08 | 502 171 | 163 642 | 7 13 | 12 0 |
| 87 07 19 | 01 53 | 1627 58 | 502 341 | 163 698 | | 12 0 |
| 87 07 19 | 03 43 | 1646 08 | 502 341 | 163 698 | | 12 0 |
| 87 07 19 | 05 43 | 1630 98 | 502 714 | 163 819 | 5 47 | 12 0 |
| 87 07 19 | 07 43 | 1630 88 | 503 056 | 163 931 | 5 30 | 12 0 |
| 87 07 19 | 09 43 | 1630 78 | 503 404 | 164 044 | 5 27 | 12 0 |
| 87 07 19 | 11 43 | 1631 08 | 503 746 | 164 156 | 5 41 | 12 0 |
| 87 07 19 | 13 43 | 1631 08 | 504 087 | 164 267 | 5 56 | 12 0 |
| 87 07 19 | 15 45 | 1631 08 | 504 438 | 164 381 | 5 97 | 12 0 |
| 87 07 19 | 17 45 | 1629 18 | 504 797 | 164 498 | 5 75 | 12 0 |
| 87 07 19 | 19 45 | 1628 58 | 505 183 | 164 624 | 5 77 | 12 0 |
| 87 07 19 | 21 45 | 1628 28 | 505 570 | 164 750 | 5 77 | 12 0 |
| 87 07 19 | 23 45 | 1628 28 | 505 949 | 164 874 | 5 77 | 12 0 |
| 87 07 20 | 01 45 | 1628 08 | 506 335 | 164 999 | 5 83 | 12 0 |
| 87 07 20 | 03 45 | 1628 18 | 506 740 | 165 131 | 5 91 | 12 0 |
| 87 07 20 | 05 08 | 1626 28 | 507 022 | 165 223 | | |
| 87 07 20 | 09 07 | 1625 28 | 507 190 | 165 278 | 5 86 | 12 0 |
| 87 07 20 | 11 07 | 1624 48 | 507 644 | 165 426 | 5 90 | 12 0 |
| 87 07 20 | 12 40 | 1621 08 | 508 048 | 165 558 | | |
| 87 07 21 | 11 45 | 1644 38 | 508 100 | 165 575 | 5 46 | 12 0 |
| 87 07 21 | 13 40 | 1644 68 | 508 239 | 165 620 | 5 59 | 11 0 |
| 87 07 21 | 15 40 | 1622 08 | 508 745 | 165 785 | 5 72 | 12 0 |
| 87 07 21 | 17 40 | 1621 88 | 509 238 | 165 945 | 5 84 | 12 0 |
| 87 07 21 | 19 40 | 1621 18 | 509 734 | 166 107 | 5 86 | 12 0 |
| 87 07 21 | 21 40 | 1621 08 | 510 228 | 166 268 | 5 92 | 12 0 |
| 87 07 21 | 23 40 | 1622 58 | 510 721 | 166 429 | 5 81 | 12 0 |
| 87 07 22 | 01 40 | 1628 38 | 511 068 | 166 542 | 5 75 | 12 0 |
| 87 07 22 | 03 40 | 1628 48 | 511 413 | 166 654 | 5 78 | 12 0 |
| 87 07 22 | 05 40 | 1628 48 | 511 757 | 166 766 | 5 20 | 12 0 |
| 87 07 22 | 07 40 | 1623 28 | 512 123 | 166 886 | 5 61 | 12 0 |
| 87 07 22 | 09 40 | 1622 98 | 512 578 | 167 034 | 5 95 | 12 0 |
| 87 07 22 | 11 40 | 1626 38 | 512 989 | 167 168 | 5 91 | 12 0 |
| 87 07 22 | 13 40 | 1626 48 | 513 375 | 167 294 | 5 93 | 12 0 |
| 87 07 22 | 15 40 | 1626 48 | 513 786 | 167 427 | 5 75 | 12 0 |
| 87 07 22 | 17 40 | 1626 48 | 514 147 | 167 545 | 5 91 | 12 0 |
| 87 07 22 | 19 40 | 1626 48 | 514 530 | 167 670 | 5 99 | 12 0 |
| 87 07 22 | 21 40 | 1625 98 | 514 913 | 167 795 | 5 84 | 12 0 |
| 87 07 22 | 23 40 | 1625 68 | 515 298 | 167 920 | | 12 0 |
| 87 07 23 | 01 40 | 1620 48 | 515 679 | 168 044 | 5 81 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 07 23 | 03 40 | 1628 28 | 516 036 | 168 161 | 5 85 | 12 0 |
| 87 07 23 | 05 40 | 1628 28 | 516 347 | 168 262 | 5 84 | 12 0 |
| 87 07 23 | 07 40 | 1628 08 | 516 667 | 168 366 | 5 85 | 12 0 |
| 87 07 23 | 09 40 | 1627 98 | 516 992 | 168 472 | 5 98 | 11 0 |
| 87 07 23 | 11 40 | 1621 28 | 517 340 | 168 586 | 4 20 | 11 0 |
| 87 07 23 | 13 40 | 1621 08 | 517 749 | 168 719 | 6 03 | 12 0 |
| 87 07 23 | 15 40 | 1626 08 | 518 166 | 168 855 | 5 97 | 12 0 |
| 87 07 23 | 17 40 | 1625 78 | 518 464 | 168 952 | 5 45 | 12 0 |
| 87 07 23 | 19 40 | 1629 28 | 518 750 | 169 045 | 5 74 | 12 0 |
| 87 07 23 | 21 40 | 1628 98 | 519 031 | 169 137 | 5 86 | 12 0 |
| 87 07 23 | 23 40 | 1626 48 | 519 361 | 169 244 | 5 78 | 12 0 |
| 87 07 24 | 01 40 | 1626 38 | 519 710 | 169 358 | 5 84 | 12 0 |
| 87 07 24 | 03 40 | 1626 38 | 520 042 | 169 466 | 5 91 | 12 0 |
| 87 07 24 | 05 40 | 1626 38 | 520 391 | 169 580 | 6 12 | 12 0 |
| 87 07 24 | 07 40 | 1623 48 | 520 744 | 169 695 | 5 97 | 12 0 |
| 87 07 24 | 09 40 | 1622 88 | 521 140 | 169 824 | 5 98 | 12 0 |
| 87 07 24 | 11 40 | 1623 48 | 521 535 | 169 953 | 5 96 | 12 0 |
| 87 07 24 | 13 40 | 1623 78 | 521 931 | 170 082 | 5 86 | 12 0 |
| 87 07 24 | 15 40 | 1623 88 | 522 324 | 170 210 | 5 80 | 12 0 |
| 87 07 24 | 17 40 | 1623 98 | 522 762 | 170 352 | 5 92 | 12 0 |
| 87 07 24 | 19 40 | 1624 18 | 523 121 | 170 469 | 5 82 | 12 0 |
| 87 07 24 | 21 40 | 1624 28 | 523 519 | 170 599 | 5 85 | 12 0 |
| 87 07 24 | 23 40 | 1629 08 | 523 910 | 170 727 | 6 09 | 10 0 |
| 87 07 25 | 00 12 | 1627 78 | 523 984 | 170 751 | 6 01 | 10 0 |
| 87 07 25 | 02 11 |  | 523 984 | 170 751 | 6 12 | 10 0 |
| 87 07 25 | 04 11 | 1625 68 | 524 326 | 170 862 | 5 94 | 12 0 |
| 87 07 25 | 06 11 | 1626 18 | 524 635 | 170 963 | 5 93 | 12 0 |
| 87 07 25 | 07 11 | 1627 28 | 524 797 | 171 016 | 5 94 | 12 0 |
| 87 07 25 | 09 11 | 1627 18 | 525 101 | 171 115 | 5 93 | 11 0 |
| 87 07 25 | 11 11 | 1626 98 | 525 410 | 171 215 | 5 96 | 11 0 |
| 87 07 25 | 13 11 | 1626 78 | 525 719 | 171 316 | 6 05 | 11 0 |
| 87 07 25 | 15 11 | 1626 88 | 526 019 | 171 414 | 5 92 | 11 0 |
| 87 07 25 | 17 11 | 1626 98 | 526 364 | 171 526 | 5 90 | 11 0 |
| 87 07 25 | 19 11 | 1626 68 | 526 689 | 171 632 | 5 98 | 11 0 |
| 87 07 25 | 21 11 | 1626 98 | 527 015 | 171 738 | 6 03 | 11 0 |
| 87 07 25 | 23 11 | 1624 88 | 527 392 | 171 861 | 5 91 | 11 0 |
| 87 07 26 | 01 11 | 1624 88 | 527 625 | 171 937 | 5 95 | 11 0 |
| 87 07 26 | 03 11 | 1624 88 | 528 135 | 172 103 | 5 91 | 12 0 |
| 87 07 26 | 05 11 | 1624 98 | 528 507 | 172 225 | 6 02 | 12 0 |
| 87 07 26 | 07 11 | 1624 98 | 528 880 | 172 346 | 5 99 | 12 0 |
| 87 07 26 | 09 11 | 1625 08 | 529 255 | 172 468 | 5 93 | 12 0 |
| 87 07 26 | 11 11 | 1627 78 | 529 601 | 172 581 | 6 07 | 12 0 |
| 87 07 26 | 13 11 | 1627 58 | 529 909 | 172 681 | 5 97 | 12 0 |
| 87 07 26 | 15 11 | 1627 48 | 530 222 | 172 783 | 4 92 | 12 0 |
| 87 07 26 | 17 11 | 1624 28 | 530 557 | 172 893 | 4 99 | 12 0 |
| 87 07 26 | 19 11 | 1624 08 | 530 937 | 173 016 | 4 92 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 07 26 | 21 11 | 1624 08 | 531 321 | 173 142 | 6 26 | 12 0 |
| 87 07 26 | 23 11 | 1623 98 | 531 696 | 173 264 | 6 02 | 12 0 |
| 87 07 27 | 01 11 | 1623 88 | 532 050 | 173 379 | 6 25 | 12 0 |
| 87 07 27 | 03 11 | 1623 88 | 532 445 | 173 508 | 6 38 | 12 0 |
| 87 07 27 | 05 11 | 1623 88 | 532 836 | 173 635 | 6 28 | 12 0 |
| 87 07 27 | 07 11 | 1623 98 | 533 229 | 173 763 | 6 20 | 12 0 |
| 87 07 27 | 08 54 | | 533 497 | 173 851 | | 12 0 |
| 87 07 27 | 17 10 | 1640 68 | 533 497 | 173 851 | 5 98 | 12 0 |
| 87 07 27 | 19 10 | 1621 68 | 533 955 | 174 000 | 6 00 | 12 0 |
| 87 07 27 | 21 10 | 1619 68 | 534 411 | 174 149 | 6 08 | 12 0 |
| 87 07 27 | 23 10 | 1619 58 | 535 868 | 174 623 | 6 02 | 12 0 |
| 87 07 28 | 01 10 | 1621 98 | 536 270 | 174 754 | 6 05 | 12 0 |
| 87 07 28 | 03 10 | 1621 68 | 536 646 | 174 877 | 6 12 | 12 0 |
| 87 07 28 | 05 10 | 1621 78 | 537 030 | 175 002 | 6 24 | 12 0 |
| 87 07 28 | 07 10 | 1621 58 | 537 430 | 175 132 | 6 03 | 12 0 |
| 87 07 28 | 09 10 | 1619 98 | 537 790 | 175 250 | 5 78 | 11 0 |
| 87 07 28 | 11 10 | 1619 98 | 538 182 | 175 377 | 5 52 | 12 0 |
| 87 07 28 | 12 20 | 1629 08 | | | 5 82 | 12 0 |
| 87 07 28 | 14 40 | 1638 88 | 538 337 | 175 428 | 6 06 | 11 0 |
| 87 07 28 | 16 40 | 1628 28 | 538 643 | 175 528 | 6 36 | 12 0 |
| 87 07 28 | 18 40 | 1628 28 | 538 911 | 175 615 | 6 17 | 12 0 |
| 87 07 28 | 20 40 | 1628 48 | 539 181 | 175 703 | 5 84 | 12 0 |
| 87 07 28 | 22 40 | 1628 38 | 539 450 | 175 791 | 5 94 | 12 0 |
| 87 07 29 | 00 40 | 1629 28 | 539 760 | 175 892 | 5 98 | 12 0 |
| 87 07 29 | 02 40 | 1628 68 | 540 101 | 176 003 | 6 02 | 12 0 |
| 87 07 29 | 04 40 | 1623 48 | 540 435 | 176 112 | 6 13 | 12 0 |
| 87 07 29 | 06 40 | 1623 38 | 540 768 | 176 220 | 6 09 | 12 0 |
| 87 07 29 | 08 40 | 1623 28 | 541 108 | 176 331 | 6 10 | 12 0 |
| 87 07 29 | 10 40 | 1622 38 | 541 440 | 176 439 | 6 20 | 12 0 |
| 87 07 29 | 12 40 | 1622 18 | 541 827 | 176 565 | 6 18 | 12 0 |
| 87 07 29 | 14 40 | 1622 18 | 542 166 | 176 676 | 6 12 | 12 0 |
| 87 07 29 | 16 40 | 1619 88 | 542 545 | 176 799 | 6 14 | 12 0 |
| 87 07 29 | 18 40 | 1619 88 | 542 950 | 176 931 | 5 99 | 12 0 |
| 87 07 29 | 20 40 | 1619 88 | 543 364 | 177 066 | 6 02 | 12 0 |
| 87 07 29 | 22 40 | 1619 78 | 543 769 | 177 198 | 5 97 | 12 0 |
| 87 07 30 | 00 40 | 1619 78 | 544 188 | 177 335 | 6 04 | 12 0 |
| 87 07 30 | 02 40 | 1619 78 | 544 585 | 177 464 | 5 95 | 12 0 |
| 87 07 30 | 04 40 | 1619 48 | 544 988 | 177 595 | 6 08 | 12 0 |
| 87 07 30 | 06 40 | 1619 48 | 545 392 | 177 727 | 6 10 | 12 0 |
| 87 07 30 | 08 40 | 1619 48 | 545 805 | 177 861 | 5 76 | 12 0 |
| 87 07 30 | 11 30 | 1637 48 | 546 165 | 177 979 | 5 70 | 11 0 |
| 87 07 30 | 12 13 | | 546 263 | 178 011 | | |
| 87 07 30 | 12 33 | 1637 28 | 546 263 | 178 011 | 6 00 | 11 0 |
| 87 07 30 | 14 30 | 1622 28 | 546 595 | 178 119 | 6 03 | 11 0 |
| 87 07 30 | 15 00 | 1622 18 | 546 682 | 178 147 | 6 01 | 12 0 |
| 87 07 30 | 20 30 | 1638 08 | 546 682 | 178 147 | 5 12 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 07 30 | 22 30 | 1620 58 | 547 063 | 178 271 | 5 91 | 12 0 |
| 87 07 31 | 00 30 | 1620 48 | 547 460 | 178 401 | 6 20 | 12 0 |
| 87 07 31 | 02 30 | 1620 98 | 547 845 | 178 526 | 6 18 | 12 0 |
| 87 07 31 | 04 45 | 1626 48 | 548 171 | 178 632 | 5 80 | 12 0 |
| 87 07 31 | 06 45 | 1626 68 | 548 436 | 178 719 | 5 83 | 12 0 |
| 87 07 31 | 08 25 | 1627 08 | 548 660 | 178 792 | | 12 0 |
| 87 07 31 | 11 30 | 1639 18 | 548 671 | 178 795 | 5 44 | 11 0 |
| 87 07 31 | 12 50 | 1624 08 | 548 904 | 178 871 | 5 87 | 11 0 |
| 87 07 31 | 16 30 | 1639 68 | 548 904 | 178 871 | 5 92 | 12 0 |
| 87 07 31 | 18 30 | 1623 48 | 549 272 | 178 991 | 5 98 | 12 0 |
| 87 07 31 | 20 30 | 1623 18 | 549 647 | 179 113 | 6 05 | 12 0 |
| 87 07 31 | 22 30 | 1621 68 | 550 011 | 179 232 | 5 92 | 12 0 |
| 87 08 01 | 00 30 | 1621 08 | 550 406 | 179 361 | 6 10 | 12 0 |
| 87 08 01 | 02 30 | 1620 48 | 550 796 | 179 488 | 5 98 | 12 0 |
| 87 08 01 | 04 30 | 1620 48 | 551 183 | 179 614 | 6 13 | 12 0 |
| 87 08 01 | 06 30 | 1620 28 | 551 568 | 179 739 | 6 25 | 12 0 |
| 87 08 01 | 08 30 | 1618 48 | 551 921 | 179 854 | 6 18 | 12 0 |
| 87 08 01 | 10 30 | 1623 98 | 552 239 | 179 958 | 6 23 | 11 0 |
| 87 08 01 | 12 30 | 1624 18 | 552 545 | 180 058 | 6 44 | 11 0 |
| 87 08 01 | 14 30 | 1623 68 | 552 857 | 180 160 | 6 67 | 11 0 |
| 87 08 01 | 16 30 | 1623 48 | 553 170 | 180 262 | 6 64 | 11 0 |
| 87 08 01 | 18 30 | 1623 38 | 553 477 | 180 362 | 6 68 | 11 0 |
| 87 08 01 | 20 30 | 1623 28 | 553 790 | 180 464 | 6 69 | 11 0 |
| 87 08 01 | 22 30 | 1620 48 | 554 137 | 180 577 | 6 51 | 11 0 |
| 87 08 02 | 00 30 | 1620 38 | 554 509 | 180 698 | 6 12 | 11 0 |
| 87 08 02 | 02 30 | 1620 28 | 554 876 | 180 817 | 6 02 | 12 0 |
| 87 08 02 | 04 30 | 1620 28 | 555 249 | 180 939 | 6 18 | 12 0 |
| 87 08 02 | 06 30 | 1620 28 | 555 605 | 181 055 | 6 21 | 12 0 |
| 87 08 02 | 08 30 | 1620 28 | 555 970 | 181 174 | 6 17 | 12 0 |
| 87 08 02 | 10 30 | 1620 18 | 556 335 | 181 293 | 6 22 | 12 0 |
| 87 08 02 | 12 30 | 1620 08 | 556 703 | 181 413 | 6 20 | 12 0 |
| 87 08 02 | 14 30 | 1619 48 | 557 067 | 181 531 | 6 18 | 12 0 |
| 87 08 02 | 16 30 | 1619 38 | 557 444 | 181 654 | 6 90 | 12 0 |
| 87 08 02 | 18 30 | 1619 18 | 557 818 | 181 776 | 6 74 | 12 0 |
| 87 08 02 | 20 30 | 1618 98 | 558 190 | 181 897 | 6 68 | 12 0 |
| 87 08 02 | 22 30 | 1619 18 | 558 566 | 182 020 | 6 68 | 12 0 |
| 87 08 03 | 00 30 | 1619 28 | 558 934 | 182 140 | 5 79 | 12 0 |
| 87 08 03 | 02 30 | 1618 98 | 559 307 | 182 261 | 5 81 | 12 0 |
| 87 08 03 | 04 30 | 1619 08 | 559 680 | 182 383 | 5 98 | 12 0 |
| 87 08 03 | 06 30 | 1618 88 | 560 054 | 182 505 | 5 75 | 12 0 |
| 87 08 03 | 08 30 | 1618 88 | 560 129 | 182 529 | 5 73 | 12 0 |
| 87 08 03 | 10 41 | 1627 18 | 560 585 | 182 678 | | |
| 87 08 03 | 12 41 | 1624 48 | 560 831 | 182 758 | 5 99 | 12 0 |
| 87 08 03 | 14 41 | 1620 78 | 561 155 | 182 864 | 5 68 | 12 0 |
| 87 08 03 | 16 40 | 1620 58 | 561 485 | 182 971 | 5 69 | 12 0 |
| 87 08 03 | 18 40 | 1620 48 | 561 829 | 183 083 | 5 75 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 08 03 | 20 40 | 1620 48 | 562 166 | 183 193 | 5 82 | 12 0 |
| 87 08 03 | 22 40 | 1620 48 | 562 505 | 183 304 | 5 96 | 12 0 |
| 87 08 04 | 00 40 | 1620 68 | 562 850 | 183 416 | 5 99 | 12 0 |
| 87 08 04 | 02 40 | 1620 88 | 563 194 | 183 528 | 6 12 | 12 0 |
| 87 08 04 | 04 40 | 1621 48 | 563 537 | 183 640 | 5 90 | 12 0 |
| 87 08 04 | 06 40 | 1621 48 | 563 881 | 183 752 | 5 94 | 12 0 |
| 87 08 04 | 08 40 | 1623 58 | 564 202 | 183 857 | 5 54 | 12 0 |
| 87 08 04 | 10 40 | 1623 78 | 564 518 | 183 959 | 5 88 | 11 0 |
| 87 08 04 | 12 40 | 1623 88 | 564 810 | 184 055 | 6 08 | 11 0 |
| 87 08 04 | 14 40 | 1623 88 | 565 110 | 184 152 | 6 13 | 11 0 |
| 87 08 04 | 16 40 | 1619 48 | 565 466 | 184 268 | 6 02 | 12 0 |
| 87 08 04 | 18 40 | 1619 38 | 565 849 | 184 393 | 5 97 | 12 0 |
| 87 08 04 | 20 40 | 1619 68 | 566 219 | 184 514 | 6 32 | 12 0 |
| 87 08 04 | 22 40 | 1619 48 | 566 597 | 184 637 | 6 13 | 12 0 |
| 87 08 05 | 00 40 | 1619 58 | 566 978 | 184 761 | 6 12 | 12 0 |
| 87 08 05 | 02 40 | 1619 48 | 567 352 | 184 883 | 6 07 | 12 0 |
| 87 08 05 | 04 40 | 1619 78 | 567 726 | 185 005 | 5 91 | 12 0 |
| 87 08 05 | 06 40 | 1619 68 | 568 102 | 185 127 | 5 96 | 12 0 |
| 87 08 05 | 08 40 | 1624 68 | 568 410 | 185 228 | 5 90 | 12 0 |
| 87 08 05 | 10 40 | 1624 48 | 568 680 | 185 316 | 6 05 | 12 0 |
| 87 08 05 | 12 48 | 1624 78 | 568 900 | 185 387 | | |
| 87 08 05 | 15 20 | 1625 48 | 569 176 | 185 477 | 5 97 | 12 0 |
| 87 08 06 | 13 00 | 1637 88 | 569 176 | 185 477 | 5 23 | 12 0 |
| 87 08 06 | 15 00 | 1621 58 | 569 559 | 185 602 | 5 24 | 12 0 |
| 87 08 06 | 17 00 | 1621 08 | 569 926 | 185 722 | 3 38 | 12 0 |
| 87 08 06 | 19 00 | 1621 48 | 570 320 | 185 850 | 6 21 | 12 0 |
| 87 08 06 | 21 00 | 1621 48 | 570 702 | 185 975 | 6 19 | 12 0 |
| 87 08 06 | 23 00 | 1621 48 | 571 092 | 186 102 | 6 24 | 12 0 |
| 87 08 07 | 01 00 | 1621 68 | 571 482 | 186 229 | 6 01 | 12 0 |
| 87 08 07 | 03 00 | 1621 48 | 571 874 | 186 357 | 5 98 | 12 0 |
| 87 08 07 | 05 00 | 1621 58 | 572 269 | 186 485 | 5 86 | 12 0 |
| 87 08 07 | 07 00 | 1621 68 | 572 660 | 186 613 | 5 80 | 12 0 |
| 87 08 07 | 09 00 | 1621 68 | 573 052 | 186 740 | 6 13 | 12 0 |
| 87 08 07 | 11 00 | 1627 48 | 573 417 | 186 859 | 5 73 | 12 0 |
| 87 08 07 | 16 05 | 1640 68 | 573 417 | 186 859 | 5 92 | 12 0 |
| 87 08 07 | 18 05 | 1622 08 | 573 834 | 186 995 | 5 86 | 12 0 |
| 87 08 07 | 20 05 | 1621 88 | 574 243 | 187 129 | 5 97 | 12 0 |
| 87 08 07 | 22 07 | 1621 58 | 574 649 | 187 261 | 6 01 | 12 0 |
| 87 08 08 | 00 05 | 1621 48 | 575 054 | 187 393 | 6 03 | 12 0 |
| 87 08 08 | 00 15 | 1621 38 | 575 071 | 187 398 | 6 10 | 12 0 |
| 87 08 08 | 06 05 | 1635 88 | 575 071 | 187 398 | 6 03 | 12 0 |
| 87 08 08 | 08 05 | 1625 48 | 575 428 | 187 515 | 6 02 | 12 0 |
| 87 08 08 | 10 05 | 1625 48 | 575 781 | 187 630 | | 12 0 |
| 87 08 08 | 12 05 | 1625 48 | 576 137 | 187 746 | 6 08 | 12 0 |
| 87 08 08 | 14 05 | 1625 38 | 576 484 | 187 859 | 6 03 | 12 0 |
| 87 08 08 | 16 05 | 1623 88 | 576 816 | 187 967 | 6 07 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 08 08 | 18 05 | 1623 98 | 577 165 | 188 081 | 6 27 | 12 0 |
| 87 08 08 | 20 05 | 1624 28 | 577 514 | 188 194 | 6 22 | 12 0 |
| 87 08 08 | 22 05 | 1625 48 | 577 864 | 188 309 | 6 04 | 12 0 |
| 87 08 09 | 00 05 | 1625 48 | 578 215 | 188 423 | 5 83 | 12 0 |
| 87 08 09 | 02 05 | 1625 48 | 578 589 | 188 545 | 5 97 | 12 0 |
| 87 08 09 | 04 05 | 1625 48 | 578 925 | 188 654 | 5 87 | 12 0 |
| 87 08 09 | 06 05 | 1625 48 | 579 284 | 188 771 | 5 85 | 12 0 |
| 87 08 09 | 08 05 | 1626 48 | 579 620 | 188 881 | 5 87 | 12 0 |
| 87 08 09 | 10 05 | 1626 48 | 579 969 | 188 994 | 5 91 | 12 0 |
| 87 08 09 | 12 05 | 1627 48 | 580 317 | 189 108 | 5 98 | 12 0 |
| 87 08 09 | 14 05 | 1627 48 | 580 666 | 189 222 | 6 02 | 12 0 |
| 87 08 09 | 16 05 | 1625 88 | 581 024 | 189 338 | 6 79 | 12 0 |
| 87 08 09 | 18 05 | 1625 78 | 581 373 | 189 452 | 6 88 | 12 0 |
| 87 08 09 | 20 05 | 1625 78 | 581 724 | 189 566 | 6 75 | 12 0 |
| 87 08 09 | 22 05 | 1625 88 | 582 076 | 189 681 | 6 57 | 12 0 |
| 87 08 10 | 00 05 | 1625 88 | 582 419 | 189 793 | 5 87 | 12 0 |
| 87 08 10 | 02 05 | 1625 58 | 582 772 | 189 908 | 5 95 | 12 0 |
| 87 08 10 | 04 05 | 1624 38 | 583 153 | 190 032 | 5 97 | 12 0 |
| 87 08 10 | 06 05 | 1624 48 | 583 549 | 190 161 | 5 99 | 12 0 |
| 87 08 10 | 08 05 | 1624 48 | 583 935 | 190 287 | 5 96 | 12 0 |
| 87 08 10 | 10 05 | 1628 98 | 584 297 | 190 405 | 5 88 | 12 0 |
| 87 08 10 | 12 05 | 1629 68 | 584 567 | 190 493 | 5 93 | 12 0 |
| 87 08 10 | 14 05 | 1629 88 | 584 836 | 190 581 | 5 96 | 12 0 |
| 87 08 10 | 16 05 | 1629 88 | 585 094 | 190 665 | 6 09 | 12 0 |
| 87 08 10 | 18 05 | 1625 48 | 585 444 | 190 779 | 6 02 | 12 0 |
| 87 08 10 | 20 05 | 1625 48 | 585 813 | 190 899 | 6 00 | 12 0 |
| 87 08 10 | 22 05 | 1625 48 | 586 180 | 191 018 | 5 98 | 12 0 |
| 87 08 11 | 00 05 | 1625 08 | 586 555 | 191 141 | 6 02 | 12 0 |
| 87 08 11 | 02 05 | 1625 38 | 586 924 | 191 261 | 5 93 | 12 0 |
| 87 08 11 | 04 05 | 1625 28 | 587 276 | 191 376 | 5 82 | 12 0 |
| 87 08 11 | 06 05 | 1625 48 | 587 662 | 191 501 | 5 88 | 12 0 |
| 87 08 11 | 08 05 | 1625 48 | 588 044 | 191 626 | 5 90 | 12 0 |
| 87 08 11 | 09 02 | 1623 48 | 588 222 | 191 684 | | |
| 87 08 11 | 13 15 | 1641 88 | 588 258 | 191 696 | 6 50 | 11 0 |
| 87 08 11 | 15 15 | 1623 38 | 588 673 | 191 831 | 6 22 | 12 0 |
| 87 08 11 | 17 15 | 1623 38 | 589 095 | 191 968 | 6 24 | 12 0 |
| 87 08 11 | 19 15 | 1623 18 | 589 715 | 192 170 | 6 22 | 12 0 |
| 87 08 11 | 21 15 | 1622 98 | 589 940 | 192 244 | 5 74 | 12 0 |
| 87 08 11 | 23 15 | 1623 08 | 590 362 | 192 381 | 5 97 | 12 0 |
| 87 08 12 | 01 15 | 1622 98 | 590 669 | 192 481 | | |
| 87 08 12 | 04 00 | 1629 68 | 591 056 | 192 607 | 5 19 | 12 0 |
| 87 08 12 | 05 08 | 1629 48 | 591 220 | 192 661 | | |
| 87 08 12 | 07 32 | 1642 28 | 591 220 | 192 661 | 5 95 | 12 0 |
| 87 08 12 | 09 32 | 1630 63 | 591 506 | 192 754 | 5 96 | 12 0 |
| 87 08 12 | 11 32 | 1626 48 | 591 785 | 192 845 | 5 81 | 12 0 |
| 87 08 12 | 13 32 | 1625 68 | 592 163 | 192 968 | 5 96 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 08 12 | 15 30 | 1625 48 | 592 540 | 193 091 | 6 00 | 12 0 |
| 87 08 12 | 17 30 | 1625 58 | 592 917 | 193 214 | 6 02 | 12 0 |
| 87 08 12 | 19 30 | 1625 58 | 593 296 | 193 337 | 6 07 | 12 0 |
| 87 08 12 | 21 30 | 1625 48 | 593 668 | 193 459 | 5 92 | 12 0 |
| 87 08 12 | 23 30 | 1625 48 | 594 055 | 193 585 | 5 98 | 12 0 |
| 87 08 13 | 01 30 | 1625 48 | 594 428 | 193 706 | 6 30 | 12 0 |
| 87 08 13 | 03 30 | 1625 48 | 594 805 | 193 829 | 6 33 | 12 0 |
| 87 08 13 | 05 30 | 1630 58 | 595 178 | 193 951 | 6 29 | 12 0 |
| 87 08 13 | 07 30 | 1625 48 | 595 580 | 194 082 | 5 99 | 12 0 |
| 87 08 13 | 09 30 | 1625 48 | 595 934 | 194 197 | 6 34 | 12 0 |
| 87 08 13 | 11 30 | 1625 48 | 596 312 | 194 320 | 6 35 | 11 0 |
| 87 08 13 | 13 30 | 1625 48 | 596 699 | 194 446 | 6 19 | 11 0 |
| 87 08 13 | 15 30 | 1625 58 | 597 057 | 194 563 | 6 24 | 12 0 |
| 87 08 13 | 17 30 | 1625 58 | 597 431 | 194 685 | 6 06 | 12 0 |
| 87 08 13 | 19 30 | 1625 48 | 597 807 | 194 807 | 6 12 | 12 0 |
| 87 08 13 | 21 30 | 1625 48 | 598 184 | 194 930 | 6 18 | 12 0 |
| 87 08 13 | 23 30 | 1625 78 | 598 556 | 195 051 | 5 99 | 12 0 |
| 87 08 14 | 01 30 | 1625 68 | 598 930 | 195 173 | 5 70 | 12 0 |
| 87 08 14 | 03 30 | 1625 68 | 599 304 | 195 295 | 5 80 | 12 0 |
| 87 08 14 | 05 30 | 1625 88 | 599 679 | 195 417 | 5 89 | 12 0 |
| 87 08 14 | 07 30 | 1630 38 | 600 044 | 195 536 | 5 30 | 12 0 |
| 87 08 14 | 08 30 | 1630 68 | 600 184 | 195 582 | 3 78 | 13 0 |
| 87 08 14 | 11 50 | 1642 68 | 600 184 | 195 582 | 5 34 | 11 0 |
| 87 08 14 | 13 50 | 1631 48 | 600 433 | 195 663 | 5 90 | 11 0 |
| 87 08 14 | 15 50 | 1625 48 | 600 763 | 195 771 | 5 86 | 12 0 |
| 87 08 14 | 17 50 | 1625 18 | 601 163 | 195 901 | 5 92 | 12 0 |
| 87 08 14 | 19 50 | 1625 08 | 601 558 | 196 030 | 5 51 | 12 0 |
| 87 08 14 | 21 50 | 1624 98 | 601 955 | 196 159 | 3 69 | 12 0 |
| 87 08 14 | 23 50 | 1624 98 | 602 362 | 196 292 | 5 84 | 12 0 |
| 87 08 15 | 01 50 | 1624 88 | 602 761 | 196 422 | 5 91 | 12 0 |
| 87 08 15 | 03 50 | 1624 98 | 603 148 | 196 548 | 5 79 | 12 0 |
| 87 08 15 | 05 50 | 1624 98 | 603 547 | 196 678 | 5 84 | 12 0 |
| 87 08 15 | 07 50 | 1624 88 | 603 957 | 196 811 | 6 10 | 12 0 |
| 87 08 15 | 09 50 | 1629 48 | 604 260 | 196 910 | 4 99 | 12 0 |
| 87 08 15 | 11 50 | 1629 48 | 604 561 | 197 008 | 6 35 | 11 0 |
| 87 08 15 | 13 50 | 1629 58 | 604 855 | 197 104 | 6 48 | 11 0 |
| 87 08 15 | 15 50 | 1629 38 | 605 153 | 197 201 | 6 21 | 12 0 |
| 87 08 15 | 17 50 | 1629 48 | 605 456 | 197 300 | 6 14 | 12 0 |
| 87 08 15 | 19 50 | 1629 28 | 605 761 | 197 399 | 5 83 | 12 0 |
| 87 08 15 | 21 50 | 1625 48 | 606 132 | 197 520 | 5 81 | 12 0 |
| 87 08 15 | 23 50 | 1625 48 | 606 513 | 197 644 | 5 91 | 12 0 |
| 87 08 16 | 01 50 | 1625 38 | 606 895 | 197 769 | 5 80 | 12 0 |
| 87 08 16 | 03 50 | 1625 48 | 607 275 | 197 893 | 5 84 | 12 0 |
| 87 08 16 | 05 50 | 1625 48 | 607 654 | 198 016 | 6 02 | 12 0 |
| 87 08 16 | 07 50 | 1625 48 | 608 036 | 198 141 | 6 00 | 12 0 |
| 87 08 16 | 09 50 | 1625 28 | 608 424 | 198 267 | 5 74 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 08 16 | 11 50 | 1625 18 | 608 804 | 198 391 | 5 83 | 12 0 |
| 87 08 16 | 13 50 | 1624 98 | 609 189 | 198 516 | 6 10 | 12 0 |
| 87 08 16 | 15 50 | 1624 78 | 609 576 | 198 643 | 5 94 | 12 0 |
| 87 08 16 | 17 50 | 1624 58 | 609 966 | 198 770 | 5 92 | 12 0 |
| 87 08 16 | 19 50 | 1624 58 | 610 352 | 198 895 | 6 15 | 12 0 |
| 87 08 16 | 21 50 | 1624 68 | 610 743 | 199 023 | 6 00 | 12 0 |
| 87 08 16 | 23 50 | 1624 58 | 611 129 | 199 149 | 5 86 | 12 0 |
| 87 08 17 | 01 50 | 1624 58 | 611 518 | 199 275 | 5 91 | 12 0 |
| 87 08 17 | 03 50 | 1624 48 | 611 910 | 199 403 | 5 87 | 12 0 |
| 87 08 17 | 05 50 | 1624 48 | 612 295 | 199 529 | 5 91 | 12 0 |
| 87 08 17 | 07 50 | 1625 08 | 612 685 | 199 656 | 5 92 | 12 0 |
| 87 08 17 | 09 50 | 1625 18 | 613 065 | 199 779 | 6 14 | 12 0 |
| 87 08 17 | 11 50 | 1625 08 | 613 440 | 199 902 | 6 04 | 12 0 |
| 87 08 17 | 14 10 | 1624 98 | 613 878 | 200 044 | 6 06 | 12 0 |
| 87 08 17 | 16 10 | 1625 08 | 614 195 | 200 148 | 6 39 | 12 0 |
| 87 08 17 | 18 10 | 1624 88 | 614 580 | 200 273 | 6 23 | 12 0 |
| 87 08 17 | 20 10 | 1628 48 | 614 918 | 200 383 | 6 31 | 12 0 |
| 87 08 17 | 22 10 | 1628 28 | 615 245 | 200 490 | 6 27 | 12 0 |
| 87 08 18 | 00 10 | 1628 38 | 615 555 | 200 591 | 6 01 | 12 0 |
| 87 08 18 | 02 10 | 1628 68 | 615 859 | 200 690 | 5 35 | 12 0 |
| 87 08 18 | 04 10 | 1628 68 | 616 165 | 200 790 | 5 86 | 12 0 |
| 87 08 18 | 06 10 | 1628 78 | 616 469 | 200 889 | 5 94 | 9 0 |
| 87 08 18 | 08 10 | 1628 78 | 616 783 | 200 991 | 5 32 | 12 0 |
| 87 08 18 | 10 10 | 1628 48 | 617 084 | 201 089 | 6 20 | 11 0 |
| 87 08 18 | 12 10 | 1628 68 | 617 390 | 201 189 | 6 30 | 11 0 |
| 87 08 18 | 14 10 | 1628 78 | 617 689 | 201 286 | 7 21 | 11 0 |
| 87 08 18 | 16 10 | 1625 58 | 618 013 | 201 392 | 6 21 | 12 0 |
| 87 08 18 | 18 10 | 1625 48 | 618 380 | 201 511 | 6 34 | 12 0 |
| 87 08 18 | 20 10 | 1625 48 | 618 749 | 201 632 | 6 45 | 12 0 |
| 87 08 18 | 22 10 | 1625 48 | 619 124 | 201 754 | 6 27 | 12 0 |
| 87 08 19 | 00 10 | 1625 48 | 619 417 | 201 849 | 5 90 | 12 0 |
| 87 08 19 | 02 10 | 1625 28 | 619 686 | 201 937 | 5 97 | 12 0 |
| 87 08 19 | 04 10 | 1625 18 | 619 981 | 202 033 | 5 71 | 12 0 |
| 87 08 19 | 06 10 | 1623 48 | 620 607 | 202 237 | 5 98 | 12 0 |
| 87 08 19 | 08 10 | 1623 28 | 621 004 | 202 367 | 6 10 | 12 0 |
| 87 08 19 | 10 10 | 1623 08 | 621 386 | 202 491 | 6 18 | 12 0 |
| 87 08 19 | 11 10 | 1622 88 | 621 561 | 202 548 | | |
| 87 08 19 | 14 45 | 1640 68 | 621 561 | 202 548 | | |
| 87 08 19 | 16 45 | 1627 08 | 621 872 | 202 649 | 6 27 | 12 0 |
| 87 08 19 | 18 45 | 1627 28 | 622 200 | 202 756 | 6 32 | 12 0 |
| 87 08 19 | 20 45 | 1625 28 | 622 519 | 202 860 | 6 41 | 12 0 |
| 87 08 19 | 22 45 | 1625 18 | 622 886 | 202 980 | 6 23 | 12 0 |
| 87 08 20 | 00 45 | 1625 28 | 623 263 | 203 103 | 6 20 | 12 0 |
| 87 08 20 | 02 45 | 1625 18 | 623 631 | 203 223 | 5 79 | 12 0 |
| 87 08 20 | 04 45 | 1624 98 | 624 007 | 203 345 | 6 09 | 12 0 |
| 87 08 20 | 06 45 | 1624 68 | 624 388 | 203 469 | 6 12 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 08 20 | 08 45 | 1624 78 | 624 786 | 203 599 | 6 04 | 12 0 |
| 87 08 20 | 10 45 | 1624 88 | 625 158 | 203 720 | 6 05 | 11 0 |
| 87 08 20 | 12 45 | 1624 88 | 625 526 | 203 840 | 6 18 | 11 0 |
| 87 08 20 | 14 45 | 1624 88 | 625 920 | 203 969 | 5 95 | 12 0 |
| 87 08 20 | 15 30 | 1624 78 | 626 049 | 204 011 | 6 10 | 12 0 |
| 87 08 20 | 16 20 | 1630 48 | 626 049 | 204 011 | 5 73 | 12 0 |
| 87 08 20 | 18 20 | 1625 48 | 626 423 | 204 132 | 6 35 | 12 0 |
| 87 08 20 | 20 20 | 1625 38 | 626 796 | 204 254 | 6 41 | 12 0 |
| 87 08 20 | 23 40 | 1625 28 | 627 067 | 204 342 | 5 93 | 12 0 |
| 87 08 21 | 01 40 | 1625 48 | 627 453 | 204 468 | 5 76 | 12 0 |
| 87 08 21 | 03 40 | 1625 28 | 627 834 | 204 592 | 5 78 | 12 0 |
| 87 08 21 | 05 40 | 1625 48 | 628 215 | 204 716 | 5 80 | 12 0 |
| 87 08 21 | 06 00 | 1625 48 | 628 279 | 204 737 | 5 81 | 12 0 |
| 87 08 21 | 08 10 | 1642 48 | 628 279 | 204 737 | 5 89 | 12 0 |
| 87 08 21 | 10 10 | 1634 68 | 628 467 | 204 799 | 6 04 | 12 0 |
| 87 08 21 | 12 15 | 1634 68 | 628 650 | 204 858 | 6 02 | 12 0 |
| 87 08 21 | 14 45 | 1634 78 | 628 834 | 204 918 | 6 13 | 12 0 |
| 87 08 21 | 16 45 | 1627 68 | 629 137 | 205 017 | 5 85 | 12 0 |
| 87 08 21 | 18 45 | 1626 48 | 629 509 | 205 138 | 6 14 | 12 0 |
| 87 08 21 | 20 45 | 1626 38 | 629 880 | 205 259 | 6 23 | 12 0 |
| 87 08 21 | 22 45 | 1626 48 | 630 253 | 205 381 | 6 05 | 12 0 |
| 87 08 22 | 00 45 | 1626 38 | 630 632 | 205 504 | 6 10 | 12 0 |
| 87 08 22 | 02 45 | 1625 58 | 631 012 | 205 628 | 5 93 | 12 0 |
| 87 08 22 | 04 45 | 1625 68 | 631 393 | 205 752 | 5 91 | 12 0 |
| 87 08 22 | 06 45 | 1625 68 | 631 776 | 205 877 | 5 91 | 12 0 |
| 87 08 22 | 08 45 | 1625 58 | 632 160 | 206 002 | 5 89 | 12 0 |
| 87 08 22 | 10 45 | 1628 88 | 632 476 | 206 105 | 6 01 | 12 0 |
| 87 08 22 | 12 45 | 1629 18 | 632 789 | 206 207 | 5 92 | 12 0 |
| 87 08 22 | 14 45 | 1629 18 | 633 101 | 206 309 | 6 02 | 12 0 |
| 87 08 22 | 16 45 | 1629 08 | 633 394 | 206 404 | 6 27 | 12 0 |
| 87 08 22 | 18 45 | 1629 18 | 633 702 | 206 504 | 6 07 | 12 0 |
| 87 08 22 | 20 45 | 1629 28 | 634 011 | 206 605 | 6 62 | 11 0 |
| 87 08 22 | 22 45 | 1629 28 | 634 120 | 206 641 | 5 82 | 11 0 |
| 87 08 23 | 00 45 | 1629 38 | 634 622 | 206 804 | 5 91 | 12 0 |
| 87 08 23 | 01 50 | | 634 622 | 206 804 | | |
| 87 08 23 | 03 50 | 1626 08 | 635 020 | 206 934 | 6 07 | 12 0 |
| 87 08 23 | 05 50 | 1625 78 | 635 402 | 207 058 | 6 16 | 12 0 |
| 87 08 23 | 07 50 | 1625 88 | 635 787 | 207 184 | 5 88 | 11 0 |
| 87 08 23 | 09 50 | 1625 88 | 636 174 | 207 310 | 6 16 | 12 0 |
| 87 08 23 | 11 50 | 1625 88 | 636 557 | 207 435 | 6 20 | 12 0 |
| 87 08 23 | 13 50 | 1625 78 | 636 932 | 207 557 | 6 38 | 12 0 |
| 87 08 23 | 15 50 | 1625 88 | 637 318 | 207 683 | 6 46 | 11 5 |
| 87 08 23 | 17 50 | 1625 88 | 637 697 | 207 806 | 6 18 | 11 5 |
| 87 08 23 | 19 50 | 1626 08 | 638 079 | 207 931 | 6 14 | 12 0 |
| 87 08 23 | 21 50 | 1625 88 | 638 462 | 208 056 | 6 07 | 12 0 |
| 87 08 23 | 23 50 | 1625 88 | 638 838 | 208 178 | 5 79 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 08 24 | 01 50 | 1625 88 | 639 221 | 208 303 | 5 85 | 12 0 |
| 87 08 24 | 03 50 | 1629 48 | 639 528 | 208 403 | 5 82 | 12 0 |
| 87 08 24 | 05 50 | 1629 58 | 639 836 | 208 503 | 5 91 | 12 0 |
| 87 08 24 | 07 50 | 1629 48 | 640 150 | 208 606 | 6 00 | 11 0 |
| 87 08 24 | 09 50 | 1629 58 | 640 463 | 208 708 | 6 06 | 12 0 |
| 87 08 24 | 11 50 | 1629 48 | 640 764 | 208 806 | 6 07 | 12 0 |
| 87 08 24 | 13 50 | 1629 48 | 641 072 | 208 906 | 6 20 | 12 0 |
| 87 08 24 | 15 50 | 1629 58 | 641 364 | 209 001 | 6 19 | 12 0 |
| 87 08 24 | 17 50 | 1629 58 | 641 670 | 209 101 | 6 12 | 12 0 |
| 87 08 24 | 19 50 | 1629 68 | 641 978 | 209 201 | 6 41 | 12 0 |
| 87 08 24 | 21 50 | 1629 68 | 642 283 | 209 301 | 6 31 | 12 0 |
| 87 08 24 | 23 50 | 1629 78 | 642 596 | 209 403 | 6 25 | 12 0 |
| 87 08 25 | 01 50 | 1629 88 | 642 910 | 209 505 | 6 21 | 12 0 |
| 87 08 25 | 03 50 | 1626 48 | 643 292 | 209 630 | 6 12 | 12 0 |
| 87 08 25 | 05 50 | 1626 58 | 643 667 | 209 752 | 6 03 | 12 0 |
| 87 08 25 | 08 15 | 1643 18 | 643 673 | 209 754 | 5 21 | 12 0 |
| 87 08 25 | 10 15 | 1626 68 | 643 993 | 209 858 | 5 19 | 12 0 |
| 87 08 25 | 12 15 | 1629 68 | 644 320 | 209 965 | | |
| 87 08 25 | 13 50 | 1629 58 | 644 551 | 210 040 | | |
| 87 08 25 | 16 15 | 1629 68 | 644 551 | 210 040 | 6 01 | 12 0 |
| 87 08 25 | 18 15 | 1629 78 | 644 892 | 210 151 | 6 04 | 12 0 |
| 87 08 25 | 20 15 | 1629 98 | 645 205 | 210 253 | 6 13 | 12 0 |
| 87 08 25 | 22 45 | 1629 88 | 645 522 | 210 356 | 6 27 | 12 0 |
| 87 08 26 | 00 15 | 1629 98 | 645 844 | 210 461 | 6 19 | 12 0 |
| 87 08 26 | 02 15 | 1629 78 | 646 160 | 210 564 | 6 07 | 12 0 |
| 87 08 26 | 04 15 | 1629 68 | 646 478 | 210 668 | 6 04 | 12 0 |
| 87 08 26 | 06 15 | 1629 88 | 646 792 | 210 770 | 6 05 | 12 0 |
| 87 08 26 | 08 15 | 1629 88 | 647 114 | 210 875 | 5 90 | 12 0 |
| 87 08 26 | 10 15 | 1630 08 | 647 432 | 210 979 | | 12 0 |
| 87 08 26 | 12 10 | 1630 08 | 647 717 | 211 072 | 5 81 | 12 0 |
| 87 08 26 | 14 10 | 1629 88 | 648 034 | 211 175 | 5 84 | 12 0 |
| 87 08 26 | 16 10 | 1630 08 | 648 329 | 211 271 | 5 92 | 12 0 |
| 87 08 26 | 18 10 | 1631 98 | 648 640 | 211 372 | 6 12 | 12 0 |
| 87 08 26 | 20 10 | 1629 88 | 648 952 | 211 474 | 6 17 | 12 0 |
| 87 08 26 | 22 10 | 1629 78 | 649 260 | 211 574 | 6 13 | 12 0 |
| 87 08 27 | 00 10 | 1630 08 | 649 576 | 211 677 | 6 09 | 12 0 |
| 87 08 27 | 02 10 | 1630 28 | 649 887 | 211 779 | 6 12 | 12 0 |
| 87 08 27 | 04 10 | 1630 28 | 650 202 | 211 881 | 5 96 | 12 0 |
| 87 08 27 | 06 10 | 1630 18 | 650 512 | 211 982 | 5 94 | 12 0 |
| 87 08 27 | 08 10 | 1630 18 | 650 824 | 212 084 | 6 04 | 11 0 |
| 87 08 27 | 10 10 | 1629 98 | 651 186 | 212 202 | 6 37 | 11 0 |
| 87 08 27 | 12 10 | 1626 68 | 651 574 | 212 328 | 6 51 | 11 0 |
| 87 08 27 | 14 10 | 1626 58 | 651 958 | 212 454 | 6 30 | 11 0 |
| 87 08 27 | 15 10 | 1626 48 | 652 128 | 212 509 | 6 24 | 11 0 |
| 87 08 28 | 09 25 | 1644 48 | 652 128 | 212 509 | 5 95 | 11 0 |
| 87 08 28 | 11 30 | 1627 48 | 652 540 | 212 643 | 6 21 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 08 28 | 13 30 | 1627 18 | 652 930 | 212 770 | 6 28 | 11 0 |
| 87 08 28 | 15 30 | 1626 78 | 653 315 | 212 896 | 6 12 | 11 0 |
| 87 08 28 | 17 30 | 1626 78 | 653 697 | 213 020 | 6 26 | 11 0 |
| 87 08 28 | 19 30 | 1626 68 | 654 093 | 213 149 | 6 31 | 11 0 |
| 87 08 28 | 21 30 | 1626 58 | 654 483 | 213 276 | 6 23 | 11 0 |
| 87 08 28 | 23 30 | 1626 48 | 654 882 | 213 406 | 5 96 | 12 0 |
| 87 08 29 | 01 30 | 1626 58 | 655 273 | 213 534 | 5 99 | 12 0 |
| 87 08 29 | 03 30 | 1626 48 | 655 666 | 213 662 | 5 93 | 12 0 |
| 87 08 29 | 05 30 | 1626 48 | 656 058 | 213 790 | 5 93 | 12 0 |
| 87 08 29 | 07 30 | 1626 48 | 656 461 | 213 921 | 5 80 | 11 0 |
| 87 08 29 | 09 30 | 1626 58 | 656 862 | 214 052 | 5 98 | 11 0 |
| 87 08 29 | 11 30 | 1626 68 | 657 246 | 214 177 | 6 15 | 11 0 |
| 87 08 29 | 13 30 | 1626 48 | 657 641 | 214 305 | 6 10 | 11 0 |
| 87 08 29 | 15 30 | 1626 68 | 658 009 | 214 425 | 6 50 | 11 0 |
| 87 08 29 | 17 30 | 1626 48 | 658 300 | 214 520 | 6 20 | 11 0 |
| 87 08 29 | 19 30 | 1626 88 | 658 792 | 214 681 | 6 27 | 11 0 |
| 87 08 29 | 21 30 | 1626 98 | 659 184 | 214 808 | 6 39 | 11 0 |
| 87 08 29 | 23 30 | 1626 48 | 659 584 | 214 939 | 6 26 | 12 0 |
| 87 08 30 | 01 30 | 1626 48 | 659 977 | 215 067 | 6 21 | 12 0 |
| 87 08 30 | 03 30 | 1626 48 | 660 371 | 215 195 | 6 28 | 12 0 |
| 87 08 30 | 05 30 | 1626 48 | 660 764 | 215 323 | 6 32 | 12 0 |
| 87 08 30 | 07 30 | 1625 48 | 661 147 | 215 448 | 6 12 | 12 0 |
| 87 08 30 | 09 30 | 1626 48 | 661 538 | 215 575 | 6 31 | 12 0 |
| 87 08 30 | 11 30 | 1626 48 | 661 929 | 215 703 | 6 09 | 12 0 |
| 87 08 30 | 13 30 | 1626 48 | 662 320 | 215 830 | 6 37 | 12 0 |
| 87 08 30 | 15 30 | 1626 48 | 662 716 | 215 959 | 6 01 | 12 0 |
| 87 08 30 | 17 30 | 1626 48 | 663 106 | 216 086 | 5 93 | 12 0 |
| 87 08 30 | 19 30 | 1626 48 | 663 499 | 216 214 | 5 95 | 12 0 |
| 87 08 30 | 19 33 | 1626 48 | 663 900 | 216 345 | 5 88 | 12 0 |
| 87 08 30 | 23 30 | 1626 48 | 664 275 | 216 467 | 5 95 | 12 0 |
| 87 08 31 | 01 30 | 1626 48 | 664 666 | 216 595 | 5 90 | 12 0 |
| 87 08 31 | 03 30 | 1626 58 | 665 056 | 216 722 | 5 87 | 12 0 |
| 87 08 31 | 05 30 | 1629 58 | 665 387 | 216 830 | 5 92 | 12 0 |
| 87 08 31 | 07 45 | 1630 28 | 665 730 | 216 941 | 5 93 | 12 0 |
| 87 08 31 | 09 45 | 1630 48 | 666 038 | 217 042 | 5 92 | 12 0 |
| 87 08 31 | 12 00 | 1630 48 | 666 402 | 217 160 | 5 97 | 10 0 |
| 87 08 31 | 14 00 | 1630 38 | 666 704 | 217 259 | 6 05 | 11 0 |
| 87 08 31 | 16 00 | 1630 48 | 667 091 | 217 385 | 6 21 | 12 0 |
| 87 08 31 | 18 00 | 1630 48 | 667 326 | 217 462 | 6 18 | 12 0 |
| 87 08 31 | 20 00 | 1628 48 | 667 661 | 217 571 | 6 32 | 12 0 |
| 87 08 31 | 22 00 | 1626 78 | 668 041 | 217 695 | 6 13 | 12 0 |
| 87 09 01 | 00 00 | 1626 48 | 668 425 | 217 820 | 6 09 | 12 0 |
| 87 09 01 | 02 00 | 1626 58 | 668 805 | 217 943 | 6 19 | 12 0 |
| 87 09 01 | 04 00 | 1627 08 | 669 185 | 218 067 | 5 96 | 12 0 |
| 87 09 01 | 06 00 | 1626 98 | 669 565 | 218 191 | 5 96 | 12 0 |
| 87 09 01 | 08 00 | 1627 18 | 669 949 | 218 316 | 6 04 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 09 01 | 12 25 | 1653 78 | 670 009 | 218 336 | 6 11 | 10 0 |
| 87 09 01 | 14 00 | 1629 48 | 670 159 | 218 385 | 6 41 | 10 0 |
| 87 09 01 | 16 00 | 1628 18 | 670 537 | 218 508 | 6 27 | 12 0 |
| 87 09 01 | 18 00 | 1627 58 | 670 917 | 218 632 | 6 36 | 12 0 |
| 87 09 01 | 20 00 | 1627 48 | 671 296 | 218 755 | 6 23 | 12 0 |
| 87 09 01 | 22 00 | 1626 48 | 671 702 | 218 888 | 6 13 | 12 0 |
| 87 09 02 | 00 00 | 1626 48 | 672 117 | 219 023 | 6 21 | 12 0 |
| 87 09 02 | 02 00 | 1626 48 | 672 515 | 219 152 | 6 23 | 12 0 |
| 87 09 02 | 04 00 | 1626 28 | 672 917 | 219 283 | 5 94 | 12 0 |
| 87 09 02 | 06 00 | 1626 48 | 673 322 | 219 415 | 5 99 | 12 0 |
| 87 09 02 | 08 00 | 1627 18 | 673 714 | 219 543 | 6 11 | 12 0 |
| 87 09 02 | 10 00 | 1626 98 | 674 108 | 219 672 | 6 14 | 11 0 |
| 87 09 02 | 12 00 | 1627 18 | 674 495 | 219 798 | 6 14 | 10 0 |
| 87 09 02 | 14 00 | 1629 98 | 674 843 | 219 911 | 6 19 | 10 0 |
| 87 09 02 | 16 00 | 1626 48 | 675 256 | 220 046 | 6 23 | 11 0 |
| 87 09 02 | 18 00 | 1626 38 | 675 661 | 220 178 | 6 32 | 11 0 |
| 87 09 02 | 20 00 | 1626 28 | 676 066 | 220 310 | 6 26 | 11 0 |
| 87 09 02 | 22 00 | 1626 28 | 676 436 | 220 430 | 6 18 | 11 0 |
| 87 09 03 | 00 00 | 1626 28 | 676 889 | 220 578 | 6 21 | 11 0 |
| 87 09 03 | 02 00 | 1630 28 | 677 234 | 220 690 | 6 29 | 11 0 |
| 87 09 03 | 04 00 | 1630 28 | 677 551 | 220 794 | 5 97 | 12 0 |
| 87 09 03 | 06 00 | 1630 38 | 677 872 | 220 898 | 5 94 | 12 0 |
| 87 09 03 | 08 00 | 1630 38 | 678 186 | 221 000 | 5 91 | 11 0 |
| 87 09 03 | 10 00 | 1630 38 | 678 511 | 221 106 | 6 25 | 11 0 |
| 87 09 03 | 12 00 | 1629 28 | 678 844 | 221 215 | 6 22 | 11 0 |
| 87 09 03 | 14 00 | 1628 48 | 679 189 | 221 327 | 6 60 | 10 0 |
| 87 09 03 | 16 00 | 1628 18 | 679 536 | 221 440 | 6 30 | 11 0 |
| 87 09 03 | 18 00 | 1628 08 | 679 914 | 221 564 | 6 24 | 11 0 |
| 87 09 03 | 20 00 | 1627 98 | 680 282 | 221 683 | 6 36 | 11 0 |
| 87 09 03 | 22 00 | 1627 88 | 680 650 | 221 803 | 6 27 | 11 0 |
| 87 09 03 | 23 45 | 1627 98 | 680 981 | 221 911 | 5 85 | 11 0 |
| 87 09 04 | 01 45 | 1628 18 | 681 353 | 222 033 | 5 91 | 11 0 |
| 87 09 04 | 03 45 | 1628 28 | 681 725 | 222 154 | 5 94 | 11 0 |
| 87 09 04 | 05 45 | 1628 08 | 682 096 | 222 275 | 5 98 | 11 0 |
| 87 09 04 | 07 45 | 1628 98 | 682 546 | 222 421 | 6 05 | 11 0 |
| 87 09 04 | 09 45 | 1629 08 | 682 787 | 222 500 | 5 86 | 11 0 |
| 87 09 04 | 11 45 | 1629 08 | 683 148 | 222 617 | 5 91 | 11 0 |
| 87 09 04 | 14 45 | 1627 48 | 683 702 | 222 798 | 6 11 | 11 0 |
| 87 09 04 | 15 15 | 1627 48 | 683 805 | 222 832 | 6 27 | 11 0 |
| 87 09 04 | 19 25 | 1627 58 | 683 805 | 222 832 | 6 32 | 11 0 |
| 87 09 04 | 21 25 | 1626 48 | 684 238 | 222 973 | 6 17 | 11 0 |
| 87 09 04 | 23 25 | 1625 88 | 684 664 | 223 111 | 5 97 | 12 0 |
| 87 09 05 | 01 25 | 1626 48 | 685 078 | 223 246 | 5 98 | 12 0 |
| 87 09 05 | 03 25 | 1626 48 | 685 488 | 223 380 | 6 00 | 12 0 |
| 87 09 05 | 05 25 | 1626 48 | 685 899 | 223 514 | 5 96 | 12 0 |
| 87 09 05 | 07 25 | 1626 38 | 686 318 | 223 650 | 6 00 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 09 05 | 09 25 | 1626 48 | 686 733 | 223 786 | 6 10 | 11 0 |
| 87 09 05 | 11 25 | 1626 38 | 687 154 | 223 923 | 6 11 | 11 0 |
| 87 09 05 | 13 25 | 1627 48 | 687 582 | 224 062 | 6 09 | 11 0 |
| 87 09 05 | 15 25 | 1627 48 | 687 894 | 224 164 | 6 11 | 11 0 |
| 87 09 05 | 17 25 | 1627 28 | 688 278 | 224 289 | 5 98 | 11 0 |
| 87 09 05 | 19 25 | 1627 38 | 688 663 | 224 415 | 6 03 | 11 0 |
| 87 09 05 | 21 25 | 1627 38 | 689 047 | 224 540 | 6 32 | 11 0 |
| 87 09 05 | 23 25 | 1627 28 | 689 439 | 224 667 | 6 25 | 12 0 |
| 87 09 06 | 01 25 | 1627 28 | 689 840 | 224 798 | 6 19 | 12 0 |
| 87 09 06 | 03 25 | 1627 38 | 690 227 | 224 924 | 6 11 | 12 0 |
| 87 09 06 | 05 25 | 1627 38 | 690 610 | 225 049 | 6 31 | 12 0 |
| 87 09 06 | 07 25 | 1627 48 | 690 979 | 225 169 | 5 93 | 11 0 |
| 87 09 06 | 09 25 | 1627 48 | 691 416 | 225 312 | 4 99 | 11 0 |
| 87 09 06 | 11 25 | 1628 48 | 691 742 | 225 418 | 5 07 | 15 0 |
| 87 09 06 | 13 25 | 1628 48 | 692 068 | 225 524 | 5 57 | 19 0 |
| 87 09 06 | 15 25 | 1627 78 | 692 508 | 225 668 | 5 68 | 12 0 |
| 87 09 06 | 17 30 | 1631 48 | 692 884 | 225 790 | 6 02 | 12 0 |
| 87 09 06 | 19 30 | 1631 58 | 693 169 | 225 883 | 6 26 | 12 0 |
| 87 09 06 | 21 30 | 1631 78 | 693 397 | 225 957 | 6 17 | 12 0 |
| 87 09 07 | 09 47 | 1639 48 | 693 637 | 226 035 | 6 00 | 12 0 |
| 87 09 07 | 14 00 | 1639 18 | 694 044 | 226 168 | 6 02 | 12 0 |
| 87 09 07 | 16 00 | 1632 38 | 694 377 | 226 277 | 6 07 | 12 0 |
| 87 09 07 | 18 00 | 1629 18 | 694 684 | 226 377 | 6 00 | 12 0 |
| 87 09 07 | 20 00 | 1628 98 | 695 056 | 226 498 | 5 94 | 12 0 |
| 87 09 07 | 22 00 | 1628 88 | 695 420 | 226 617 | 5 92 | 12 0 |
| 87 09 08 | 00 30 | 1628 88 | 695 877 | 226 765 | 5 99 | 11 0 |
| 87 09 08 | 02 30 | 1628 88 | 696 242 | 226 884 | 5 96 | 11 0 |
| 87 09 08 | 04 30 | 1631 18 | 696 655 | 227 019 | 5 97 | 11 0 |
| 87 09 08 | 06 30 | 1631 08 | 696 864 | 227 087 | 5 98 | 11 0 |
| 87 09 08 | 08 30 | 1631 48 | 697 198 | 227 196 | 6 18 | 11 0 |
| 87 09 08 | 10 30 | 1634 48 | 697 470 | 227 285 | 6 13 | 11 0 |
| 87 09 08 | 12 30 | 1634 78 | 697 703 | 227 360 | 6 17 | 11 0 |
| 87 09 08 | 14 30 | 1634 88 | 697 926 | 227 433 | 6 06 | 11 0 |
| 87 09 08 | 16 30 | 1627 48 | 698 280 | 227 549 | 6 09 | 12 0 |
| 87 09 08 | 18 30 | 1627 28 | 698 651 | 227 669 | 6 13 | 12 0 |
| 87 09 08 | 20 30 | 1627 08 | 699 054 | 227 801 | 6 19 | 12 0 |
| 87 09 08 | 22 30 | 1626 98 | 699 457 | 227 932 | 6 27 | 12 0 |
| 87 09 09 | 00 30 | 1630 98 | 699 803 | 228 045 | 6 21 | 12 0 |
| 87 09 09 | 02 30 | 1630 98 | 700 105 | 228 143 | 6 01 | 12 0 |
| 87 09 09 | 04 30 | 1631 18 | 700 436 | 228 251 | 5 95 | 12 0 |
| 87 09 09 | 06 30 | 1631 08 | 700 749 | 228 353 | 5 98 | 12 0 |
| 87 09 09 | 08 30 | 1630 98 | 701 055 | 228 453 | 6 05 | 12 0 |
| 87 09 09 | 10 30 | 1630 48 | 701 351 | 228 549 | 6 39 | 12 0 |
| 87 09 09 | 12 30 | 1632 48 | 701 611 | 228 634 | 5 98 | 12 0 |
| 87 09 09 | 14 30 | 1630 58 | 701 917 | 228 734 | 6 30 | 12 0 |
| 87 09 09 | 16 30 | 1631 48 | 702 209 | 228 829 | 6 45 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 09 09 | 18 30 | 1631 48 | 702 545 | 228 938 | 6 36 | 11 0 |
| 87 09 09 | 20 30 | 1631 58 | 702 843 | 229 035 | 6 27 | 12 0 |
| 87 09 09 | 22 30 | 1631 48 | 703 147 | 229 135 | 6 38 | 12 0 |
| 87 09 10 | 00 30 | 1631 48 | 703 457 | 229 236 | 5 94 | 12 0 |
| 87 09 10 | 02 30 | 1631 58 | 703 760 | 229 334 | 5 91 | 12 0 |
| 87 09 10 | 04 30 | 1631 48 | 704 072 | 229 436 | 5 93 | 12 0 |
| 87 09 10 | 06 30 | 1631 48 | 704 378 | 229 536 | 5 99 | 12 0 |
| 87 09 10 | 08 30 | 1631 58 | 704 684 | 229 635 | 6 01 | 11 0 |
| 87 09 10 | 10 30 | 1631 48 | 704 998 | 229 738 | 6 00 | 11 0 |
| 87 09 10 | 12 30 | 1628 68 | 705 323 | 229 844 | 5 97 | 11 0 |
| 87 09 10 | 14 30 | 1628 48 | 705 705 | 229 968 | 6 06 | 11 0 |
| 87 09 10 | 16 30 | 1628 48 | 706 071 | 230 087 | 6 26 | 12 0 |
| 87 09 10 | 18 30 | 1628 48 | 706 443 | 230 209 | 6 29 | 12 0 |
| 87 09 10 | 20 30 | 1628 48 | 706 818 | 230 331 | 6 34 | 12 0 |
| 87 09 10 | 22 30 | 1628 48 | 707 192 | 230 453 | 6 31 | 12 0 |
| 87 09 11 | 00 30 | 1628 48 | 707 571 | 230 576 | 5 97 | 11 0 |
| 87 09 11 | 02 30 | 1628 48 | 707 946 | 230 698 | 5 94 | 11 0 |
| 87 09 11 | 04 30 | 1628 48 | 708 321 | 230 821 | 5 98 | 11 0 |
| 87 09 11 | 06 30 | 1628 48 | 708 700 | 230 944 | 5 99 | 11 0 |
| 87 09 11 | 08 30 | 1628 48 | 709 066 | 231 063 | 6 36 | 11 0 |
| 87 09 11 | 10 30 | 1627 38 | 709 441 | 231 186 | 6 68 | 11 0 |
| 87 09 11 | 12 30 | 1630 08 | 709 798 | 231 302 | 6 33 | 11 0 |
| 87 09 11 | 14 30 | 1630 08 | 710 126 | 231 409 | 6 69 | 11 0 |
| 87 09 11 | 16 30 | 1629 98 | 710 465 | 231 519 | 6 21 | 12 0 |
| 87 09 11 | 18 30 | 1630 18 | 710 801 | 231 629 | 6 19 | 12 0 |
| 87 09 11 | 20 30 | 1630 08 | 711 144 | 231 740 | 6 34 | 12 0 |
| 87 09 11 | 22 30 | 1629 98 | 711 144 | 231 740 | 6 27 | 12 0 |
| 87 09 12 | 00 30 | 1630 08 | 711 879 | 231 980 | 5 93 | 12 0 |
| 87 09 12 | 02 30 | 1630 18 | 712 155 | 232 070 | 5 94 | 12 0 |
| 87 09 12 | 04 30 | 1630 18 | 712 495 | 232 181 | 5 96 | 12 0 |
| 87 09 12 | 06 30 | 1630 18 | 712 830 | 232 290 | 5 91 | 12 0 |
| 87 09 12 | 08 30 | 1630 48 | 713 170 | 232 401 | 6 02 | 11 0 |
| 87 09 12 | 10 30 | 1630 48 | 713 502 | 232 509 | 6 14 | 11 0 |
| 87 09 12 | 12 30 | 1630 38 | 713 833 | 232 617 | 6 16 | 11 0 |
| 87 09 12 | 14 30 | 1630 48 | 714 168 | 232 726 | 6 18 | 11 0 |
| 87 09 12 | 16 30 | 1630 48 | 714 497 | 232 833 | 6 11 | 11 0 |
| 87 09 12 | 18 30 | 1630 48 | 714 834 | 232 943 | 6 23 | 11 0 |
| 87 09 12 | 20 30 | 1630 48 | 715 172 | 233 053 | 6 24 | 11 0 |
| 87 09 12 | 22 30 | 1630 38 | 715 501 | 233 160 | 6 29 | 11 0 |
| 87 09 13 | 00 30 | 1630 38 | 715 836 | 233 269 | 6 14 | 11 0 |
| 87 09 13 | 02 30 | 1630 48 | 716 174 | 233 380 | 6 08 | 11 0 |
| 87 09 13 | 04 30 | 1630 48 | 716 514 | 233 490 | 6 19 | 11 0 |
| 87 09 13 | 06 30 | 1630 48 | 716 845 | 233 598 | 6 07 | 11 0 |
| 87 09 13 | 08 30 | 1630 48 | 717 167 | 233 703 | 6 27 | 11 0 |
| 87 09 13 | 10 30 | 1630 48 | 717 500 | 233 812 | 6 36 | 11 0 |
| 87 09 13 | 12 30 | 1630 78 | 717 799 | 233 909 | 6 32 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 09 13 | 14 30 | 1628 48 | 718 147 | 234 023 | 6 38 | 11 0 |
| 87 09 13 | 16 30 | 1628 68 | 718 531 | 234 148 | 6 02 | 12 0 |
| 87 09 13 | 18 30 | 1628 68 | 718 907 | 234 270 | 5 95 | 12 0 |
| 87 09 13 | 20 30 | 1628 58 | 719 292 | 234 396 | 5 90 | 12 0 |
| 87 09 13 | 22 30 | 1628 58 | 719 655 | 234 514 | 5 88 | 12 0 |
| 87 09 14 | 00 30 | 1628 58 | 720 029 | 234 636 | 6 08 | 11 0 |
| 87 09 14 | 02 30 | 1628 78 | 720 402 | 234 757 | 5 96 | 11 0 |
| 87 09 14 | 04 30 | 1628 68 | 720 775 | 234 879 | 6 00 | 11 0 |
| 87 09 14 | 06 30 | 1628 88 | 721 148 | 235 000 | 5 99 | 11 0 |
| 87 09 14 | 08 30 | 1628 78 | 721 515 | 235 120 | 6 94 | 11 0 |
| 87 09 14 | 10 30 | 1628 28 | 721 887 | 235 241 | 6 90 | 11 0 |
| 87 09 14 | 12 30 | 1628 58 | 722 248 | 235 359 | 5 95 | 11 0 |
| 87 09 14 | 14 30 | 1628 68 | 722 632 | 235 484 | 6 15 | 11 0 |
| 87 09 14 | 16 30 | 1628 48 | 722 877 | 235 564 | 6 01 | 12 0 |
| 87 09 14 | 18 30 | 1628 48 | 723 381 | 235 728 | 6 19 | 12 0 |
| 87 09 14 | 20 30 | 1628 58 | 723 755 | 235 850 | 6 05 | 12 0 |
| 87 09 14 | 22 30 | 1628 48 | 724 127 | 235 971 | 6 12 | 12 0 |
| 87 09 15 | 00 26 | 1630 98 | 724 446 | 236 075 | 6 07 | 12 0 |
| 87 09 15 | 08 25 | 1645 18 | 724 446 | 236 075 | 5 95 | 11 0 |
| 87 09 15 | 10 30 | 1634 38 | 724 737 | 236 170 | 6 01 | 11 0 |
| 87 09 15 | 12 30 | 1633 98 | 725 001 | 236 256 | 6 07 | 11 0 |
| 87 09 15 | 14 30 | 1634 18 | 725 266 | 236 342 | 6 08 | 11 0 |
| 87 09 15 | 16 30 | 1634 08 | 725 533 | 236 429 | 6 01 | 12 0 |
| 87 09 15 | 18 30 | 1633 98 | 725 824 | 236 524 | 6 18 | 12 0 |
| 87 09 15 | 20 30 | 1634 08 | 726 160 | 236 634 | 6 21 | 12 0 |
| 87 09 15 | 22 30 | 1633 88 | 726 502 | 236 745 | 6 13 | 12 0 |
| 87 09 16 | 00 30 | 1634 18 | 726 838 | 236 855 | 6 07 | 12 0 |
| 87 09 16 | 02 30 | 1634 28 | 727 169 | 236 963 | 6 11 | 12 0 |
| 87 09 16 | 04 30 | 1631 28 | 727 510 | 237 074 | 6 03 | 12 0 |
| 87 09 16 | 06 30 | 1631 28 | 727 843 | 237 182 | 6 00 | 12 0 |
| 87 09 16 | 08 30 | 1630 88 | 728 167 | 237 288 | 6 03 | 12 0 |
| 87 09 16 | 10 30 | 1631 18 | 728 501 | 237 397 | 6 30 | 12 0 |
| 87 09 16 | 12 30 | 1629 58 | 728 854 | 237 512 | 5 97 | 12 0 |
| 87 09 16 | 14 30 | 1625 38 | 729 225 | 237 633 | 6 12 | 12 0 |
| 87 09 16 | 16 30 | 1629 38 | 729 598 | 237 754 | 6 15 | 12 0 |
| 87 09 16 | 18 30 | 1629 28 | 729 973 | 237 876 | 6 17 | 12 0 |
| 87 09 16 | 20 30 | 1629 28 | 730 345 | 237 998 | 6 19 | 12 0 |
| 87 09 16 | 22 30 | 1629 18 | 730 719 | 238 119 | 6 24 | 12 0 |
| 87 09 17 | 00 30 | 1629 28 | 731 097 | 238 243 | 6 12 | 12 0 |
| 87 09 17 | 02 30 | 1629 18 | 731 464 | 238 362 | 6 13 | 12 0 |
| 87 09 17 | 04 30 | 1629 28 | 731 845 | 238 486 | 6 06 | 12 0 |
| 87 09 18 | 18 30 | 1629 48 | 731 845 | 238 486 | 6 01 | 12 0 |
| 87 09 18 | 20 30 | 1628 38 | 732 265 | 238 623 | 6 12 | 12 0 |
| 87 09 18 | 22 30 | 1628 08 | 732 692 | 238 762 | 6 03 | 12 0 |
| 87 09 19 | 00 30 | 1627 68 | 733 128 | 238 904 | 6 06 | 12 0 |
| 87 09 19 | 02 30 | 1627 48 | 733 557 | 239 044 | 6 12 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 09 19 | 04 30 | 1627 68 | 733 983 | 239 183 | 6 16 | 12 0 |
| 87 09 19 | 06 30 | 1627 48 | 734 411 | 239 323 | 6 10 | 12 0 |
| 87 09 19 | 08 30 | 1627 48 | 734 834 | 239 460 | 6 13 | 12 0 |
| 87 09 19 | 10 30 | 1627 48 | 735 263 | 239 600 | 6 16 | 11 0 |
| 87 09 19 | 12 30 | 1627 28 | 735 686 | 239 738 | 6 14 | 11 0 |
| 87 09 19 | 14 30 | 1627 48 | 736 115 | 239 878 | 6 18 | 11 0 |
| 87 09 19 | 16 30 | 1627 38 | 736 535 | 240 015 | 6 14 | 11 0 |
| 87 09 19 | 18 30 | 1626 58 | 736 936 | 240 145 | 6 12 | 11 0 |
| 87 09 19 | 20 30 | 1626 78 | 737 298 | 240 263 | 6 12 | 11 0 |
| 87 09 19 | 21 00 | | 737 395 | 240 295 | | |
| 87 09 20 | 05 30 | 1645 78 | 737 395 | 240 295 | 5 95 | 11 0 |
| 87 09 20 | 07 30 | 1629 18 | 737 801 | 240 427 | 6 10 | 11 0 |
| 87 09 20 | 09 30 | 1628 48 | 738 229 | 240 567 | 6 18 | 11 0 |
| 87 09 20 | 11 30 | 1629 78 | 738 550 | 240 671 | 6 19 | 11 0 |
| 87 09 20 | 13 30 | 1632 68 | 738 855 | 240 771 | 6 16 | 11 0 |
| 87 09 20 | 15 30 | 1632 88 | 739 152 | 240 867 | 6 26 | 11 0 |
| 87 09 20 | 17 30 | 1632 78 | 739 460 | 240 968 | 6 37 | 11 0 |
| 87 09 20 | 19 30 | 1632 78 | 739 765 | 241 067 | 6 34 | 11 0 |
| 87 09 20 | 21 30 | 1632 68 | 740 075 | 241 168 | 6 22 | 12 0 |
| 87 09 20 | 23 30 | 1629 68 | 740 444 | 241 288 | 5 85 | 11 0 |
| 87 09 21 | 01 30 | 1629 68 | 740 822 | 241 412 | 5 91 | 11 0 |
| 87 09 21 | 03 30 | 1629 68 | 741 193 | 241 533 | 5 95 | 11 0 |
| 87 09 21 | 05 30 | 1629 78 | 741 565 | 241 654 | 5 82 | 11 0 |
| 87 09 21 | 07 30 | 1629 48 | 741 930 | 241 773 | 5 32 | 11 0 |
| 87 09 21 | 09 30 | 1629 58 | 742 304 | 241 895 | 5 22 | 11 0 |
| 87 09 21 | 11 30 | 1629 48 | 742 676 | 242 016 | 6 40 | 11 0 |
| 87 09 21 | 13 30 | 1629 28 | 743 022 | 242 129 | 6 32 | 11 0 |
| 87 09 21 | 19 25 | 1628 38 | 743 022 | 242 129 | 6 01 | 12 0 |
| 87 09 21 | 21 25 | 1627 68 | 743 483 | 242 279 | 6 17 | 12 0 |
| 87 09 21 | 23 25 | 1627 78 | 743 923 | 242 422 | 6 03 | 12 0 |
| 87 09 22 | 01 25 | 1627 48 | 744 343 | 242 559 | 5 95 | 12 0 |
| 87 09 22 | 03 25 | 1627 48 | 744 770 | 242 698 | 5 91 | 12 0 |
| 87 09 22 | 05 25 | 1627 48 | 745 195 | 242 837 | 6 01 | 12 0 |
| 87 09 22 | 07 25 | 1627 48 | 745 620 | 242 975 | 6 29 | 11 0 |
| 87 09 22 | 09 25 | 1627 48 | 746 047 | 243 114 | 6 21 | 11 0 |
| 87 09 22 | 11 25 | 1628 28 | 746 475 | 243 254 | 6 23 | 11 0 |
| 87 09 22 | 13 25 | 1627 78 | 746 845 | 243 374 | 6 23 | 11 0 |
| 87 09 22 | 15 25 | 1628 18 | 747 252 | 243 507 | 6 23 | 12 0 |
| 87 09 22 | 17 25 | 1627 98 | 747 660 | 243 640 | 6 19 | 12 0 |
| 87 09 22 | 19 25 | 1628 08 | 748 063 | 243 771 | 6 31 | 12 0 |
| 87 09 22 | 21 25 | 1633 78 | 748 335 | 243 860 | 6 23 | 12 0 |
| 87 09 22 | 23 25 | 1633 98 | 748 610 | 243 950 | 6 21 | 12 0 |
| 87 09 23 | 01 25 | 1634 18 | 748 881 | 244 038 | 6 25 | 12 0 |
| 87 09 23 | 03 25 | 1634 18 | 749 152 | 244 126 | 6 20 | 12 0 |
| 87 09 23 | 05 25 | 1634 28 | 749 428 | 244 216 | 6 17 | 12 0 |
| 87 09 23 | 07 25 | 1634 48 | 749 688 | 244 301 | 6 10 | 12 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 09 23 | 09 25 | 1634 08 | 749 959 | 244 389 | 6 23 | 12 0 |
| 87 09 23 | 11 25 | 1633 68 | 750 230 | 244 477 | 6 23 | 12 0 |
| 87 09 23 | 13 25 | 1634 28 | 750 502 | 244 566 | 6 26 | 12 0 |
| 87 09 23 | 15 25 | 1634 48 | 750 766 | 244 652 | 6 13 | 12 0 |
| 87 09 23 | 17 25 | 1634 28 | 751 039 | 244 741 | 6 23 | 12 0 |
| 87 09 23 | 19 25 | 1634 48 | 751 305 | 244 828 | 6 10 | 12 0 |
| 87 09 23 | 21 22 | 1634 38 | 751 572 | 244 915 | 6 19 | 12 0 |
| 87 09 23 | 23 25 | 1634 48 | 751 850 | 245 005 | 6 17 | 12 0 |
| 87 09 24 | 01 25 | 1634 48 | 752 118 | 245 093 | 6 22 | 12 0 |
| 87 09 24 | 03 25 | 1634 48 | 752 392 | 245 182 | 6 17 | 12 0 |
| 87 09 24 | 05 25 | 1634 48 | 752 659 | 245 269 | 6 19 | 12 0 |
| 87 09 24 | 07 25 | 1634 48 | 752 941 | 245 361 | 6 15 | 11 0 |
| 87 09 24 | 09 25 | 1634 28 | 753 204 | 245 447 | 6 21 | 11 0 |
| 87 09 24 | 11 25 | 1631 48 | 753 546 | 245 558 | 6 22 | 11 0 |
| 87 09 24 | 13 25 | 1631 28 | 753 876 | 245 666 | 6 16 | 11 0 |
| 87 09 24 | 15 25 | 1629 48 | 754 255 | 245 789 | 6 13 | 12 0 |
| 87 09 24 | 17 25 | 1629 38 | 754 629 | 245 911 | 6 22 | 12 0 |
| 87 09 24 | 19 25 | 1629 48 | 755 002 | 246 033 | 6 11 | 12 0 |
| 87 09 24 | 21 25 | 1629 48 | 755 375 | 246 154 | 6 13 | 12 0 |
| 87 09 24 | 22 55 | 1629 48 | 755 658 | 246 246 | 6 21 | 12 0 |
| 87 09 24 | 23 45 | | 755 658 | 246 246 | | |
| 87 09 25 | 01 45 | 1629 68 | 756 045 | 246 372 | 6 11 | 12 0 |
| 87 09 25 | 03 45 | 1629 58 | 756 419 | 246 494 | 6 14 | 12 0 |
| 87 09 25 | 05 45 | 1629 68 | 756 794 | 246 616 | 6 19 | 12 0 |
| 87 09 25 | 07 45 | 1629 58 | 757 166 | 246 738 | 6 21 | 11 0 |
| 87 09 25 | 09 45 | 1629 68 | 757 548 | 246 862 | 6 23 | 11 0 |
| 87 09 25 | 11 45 | 1629 68 | 757 911 | 246 980 | 6 19 | 11 0 |
| 87 09 25 | 13 45 | 1629 58 | 758 282 | 247 101 | 6 25 | 11 0 |
| 87 09 25 | 15 45 | 1629 78 | 758 641 | 247 218 | 6 13 | 12 0 |
| 87 09 25 | 17 45 | 1629 68 | 759 012 | 247 339 | 6 22 | 12 0 |
| 87 09 25 | 19 45 | 1629 48 | 759 383 | 247 460 | 6 32 | 12 0 |
| 87 09 25 | 21 45 | 1629 48 | 759 754 | 247 581 | 6 19 | 12 0 |
| 87 09 25 | 23 45 | 1630 78 | 760 127 | 247 703 | 6 23 | 12 0 |
| 87 09 26 | 01 45 | 1633 68 | 760 472 | 247 815 | 6 18 | 12 0 |
| 87 09 26 | 03 45 | 1630 78 | 760 818 | 247 928 | 6 20 | 12 0 |
| 87 09 26 | 05 45 | 1630 78 | 761 164 | 248 041 | 6 23 | 12 0 |
| 87 09 26 | 07 45 | 1630 68 | 761 502 | 248 151 | 6 32 | 12 0 |
| 87 09 26 | 09 45 | 1630 48 | 761 847 | 248 263 | 6 90 | 12 0 |
| 87 09 26 | 11 45 | 1630 88 | 762 191 | 248 375 | 6 93 | 12 0 |
| 87 09 26 | 13 45 | 1630 78 | 762 540 | 248 489 | 6 90 | 12 0 |
| 87 09 26 | 15 45 | 1630 88 | 762 879 | 248 599 | 6 67 | 12 0 |
| 87 09 26 | 17 45 | 1630 88 | 763 407 | 248 771 | 6 83 | 11 0 |
| 87 09 26 | 19 45 | 1630 88 | 763 650 | 248 851 | 6 82 | 11 0 |
| 87 09 26 | 21 45 | 1630 88 | 763 900 | 248 932 | 6 71 | 11 0 |
| 87 09 26 | 23 45 | 1630 88 | 764 268 | 249 052 | 6 19 | 11 0 |
| 87 09 27 | 01 20 | | 764 312 | 249 066 | | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 09 27 | 03 20 | 1631 18 | 764 631 | 249 170 | 6 04 | 11 0 |
| 87 09 27 | 05 20 | 1631 18 | 764 975 | 249 282 | 6 20 | 11 0 |
| 87 09 27 | 07 20 | 1630 98 | 765 323 | 249 396 | 6 24 | 11 0 |
| 87 09 27 | 09 20 | 1631 28 | 765 663 | 249 507 | 6 09 | 11 0 |
| 87 09 27 | 11 40 | 1639 78 | 765 898 | 249 583 | 6 03 | 11 0 |
| 87 09 27 | 13 40 | 1630 48 | 766 236 | 249 693 | 7 11 | 11 0 |
| 87 09 27 | 15 45 | 1631 08 | 766 602 | 249 813 | 5 70 | 11 0 |
| 87 09 27 | 17 45 | 1631 18 | 766 945 | 249 924 | 7 05 | 11 0 |
| 87 09 27 | 19 45 | 1630 98 | 767 290 | 250 037 | 6 84 | 12 0 |
| 87 09 27 | 21 45 | 1629 48 | 767 664 | 250 159 | 6 85 | 12 0 |
| 87 09 27 | 23 45 | 1629 48 | 768 041 | 250 282 | 6 21 | 12 0 |
| 87 09 28 | 01 45 | 1634 28 | 768 314 | 250 370 | 5 96 | 11 0 |
| 87 09 28 | 03 45 | 1634 28 | 768 584 | 250 458 | 5 98 | 11 0 |
| 87 09 28 | 05 45 | 1634 18 | 768 854 | 250 546 | 5 94 | 11 0 |
| 87 09 28 | 07 45 | 1634 08 | 769 118 | 250 632 | 6 02 | 11 0 |
| 87 09 28 | 09 45 | 1630 48 | 769 430 | 250 734 | 6 09 | 11 0 |
| 87 09 28 | 11 45 | 1629 78 | 769 795 | 250 853 | 6 20 | 11 0 |
| 87 09 28 | 13 45 | 1629 78 | 770 160 | 250 972 | 6 65 | 11 0 |
| 87 09 28 | 15 45 | 1629 68 | 770 532 | 251 093 | 6 35 | 12 0 |
| 87 09 28 | 17 45 | 1630 08 | 770 894 | 251 211 | 6 39 | 12 0 |
| 87 09 28 | 19 45 | 1630 38 | 771 256 | 251 329 | 6 19 | 12 0 |
| 87 09 28 | 21 45 | 1630 18 | 771 256 | 251 329 | 6 34 | 12 0 |
| 87 09 28 | 23 15 | 1629 88 | 771 997 | 251 571 | 6 29 | 12 0 |
| 87 09 29 | 01 45 | 1629 78 | 772 369 | 251 692 | 6 16 | 12 0 |
| 87 09 29 | 03 45 | 1629 58 | 772 728 | 251 809 | 6 06 | 12 0 |
| 87 09 29 | 05 45 | 1629 58 | 773 096 | 251 929 | 6 02 | 12 0 |
| 87 09 29 | 07 45 | 1629 68 | 773 467 | 252 050 | 6 20 | 11 0 |
| 87 09 29 | 09 45 | 1629 88 | 773 832 | 252 169 | 6 20 | 11 0 |
| 87 09 29 | 11 45 | 1629 78 | 774 204 | 252 290 | 6 24 | 11 0 |
| 87 09 29 | 13 45 | 1629 78 | 774 575 | 252 411 | 6 24 | 11 0 |
| 87 09 29 | 15 45 | 1629 98 | 774 925 | 252 525 | 6 19 | 12 0 |
| 87 09 29 | 17 45 | 1629 78 | 775 293 | 252 645 | 6 23 | 12 0 |
| 87 09 29 | 19 45 | 1629 98 | 775 661 | 252 765 | 6 09 | 12 0 |
| 87 09 29 | 21 45 | 1630 08 | 776 024 | 252 883 | 6 17 | 12 0 |
| 87 09 29 | 23 45 | 1629 78 | 776 396 | 253 004 | 6 14 | 12 0 |
| 87 09 30 | 01 45 | 1629 68 | 776 758 | 253 122 | 6 18 | 12 0 |
| 87 09 30 | 03 45 | 1629 58 | 777 130 | 253 243 | 6 19 | 12 0 |
| 87 09 30 | 05 45 | 1629 58 | 777 488 | 253 360 | 6 20 | 12 0 |
| 87 09 30 | 07 45 | 1629 58 | 777 860 | 253 481 | 6 23 | 12 0 |
| 87 09 30 | 09 50 | 1629 78 | 778 053 | 253 544 | 6 26 | 12 0 |
| 87 10 02 | 13 00 | 1646 48 | 778 060 | 253 546 | 6 02 | 11 0 |
| 87 10 02 | 15 00 | 1630 48 | 778 440 | 253 670 | 6 18 | 12 0 |
| 87 10 02 | 17 00 | 1630 08 | 778 817 | 253 793 | 6 22 | 12 0 |
| 87 10 02 | 19 00 | 1629 78 | 779 206 | 253 920 | 6 27 | 12 0 |
| 87 10 02 | 21 00 | 1629 88 | 779 588 | 254 044 | 6 09 | 12 0 |
| 87 10 02 | 23 00 | 1630 08 | 779 985 | 254 174 | 6 06 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 10 03 | 01 00 | 1629 68 | 780 379 | 254 302 | 6 16 | 12 0 |
| 87 10 03 | 03 00 | 1629 78 | 780 747 | 254 422 | 6 12 | 12 0 |
| 87 10 03 | 05 00 | 1629 68 | 781 055 | 254 522 | 6 14 | 12 0 |
| 87 10 03 | 07 00 | 1632 88 | 781 393 | 254 633 | 5 63 | 12 0 |
| 87 10 03 | 09 00 | 1636 48 | 781 592 | 254 697 | 6 09 | 12 0 |
| 87 10 03 | 11 00 | 1636 48 | 781 825 | 254 773 | 6 20 | 11 0 |
| 87 10 03 | 13 00 | 1636 48 | 782 055 | 254 848 | 6 28 | 11 0 |
| 87 10 03 | 15 00 | 1636 48 | 782 301 | 254 928 | 6 47 | 11 0 |
| 87 10 03 | 17 00 | 1636 28 | 782 512 | 254 997 | 6 50 | 11 0 |
| 87 10 03 | 19 00 | 1630 88 | 782 727 | 255 067 | 6 48 | 11 0 |
| 87 10 03 | 19 45 | 1630 88 | 782 769 | 255 081 | 6 49 | 11 0 |
| 87 10 03 | 20 45 | | | | | |
| 87 10 03 | 21 00 | 1634 48 | 783 104 | 255 190 | 6 50 | 11 0 |
| 87 10 03 | 23 00 | 1630 48 | 783 279 | 255 247 | 6 41 | 11 0 |
| 87 10 04 | 01 00 | 1636 38 | 783 566 | 255 341 | 6 48 | 11 0 |
| 87 10 04 | 03 00 | 1636 48 | 783 796 | 255 416 | 6 37 | 11 0 |
| 87 10 04 | 05 00 | 1636 58 | 784 082 | 255 509 | 6 17 | 11 0 |
| 87 10 04 | 07 00 | 1636 58 | 784 255 | 255 565 | 6 14 | 11 0 |
| 87 10 04 | 09 00 | 1636 78 | 784 476 | 255 637 | 6 12 | 11 0 |
| 87 10 04 | 11 00 | 1636 98 | 784 700 | 255 710 | 6 32 | 11 0 |
| 87 10 04 | 12 00 | 1633 58 | 784 971 | 255 798 | 6 25 | 11 0 |
| 87 10 04 | 15 10 | 1633 78 | 785 300 | 255 906 | 6 12 | 12 0 |
| 87 10 04 | 17 10 | 1633 58 | 785 602 | 256 004 | 6 12 | 12 0 |
| 87 10 04 | 19 10 | 1633 48 | 785 907 | 256 104 | 6 43 | 12 0 |
| 87 10 04 | 21 10 | 1633 48 | 786 209 | 256 202 | 6 11 | 11 0 |
| 87 10 04 | 23 10 | 1633 48 | 786 518 | 256 303 | 6 09 | 11 0 |
| 87 10 05 | 01 10 | 1633 58 | 786 817 | 256 400 | 6 03 | 11 0 |
| 87 10 05 | 02 25 | 1633 48 | 787 005 | 256 461 | 6 07 | 11 0 |
| 87 10 05 | 07 30 | 1646 18 | 787 005 | 256 461 | 5 98 | 11 0 |
| 87 10 05 | 09 30 | 1630 68 | 787 359 | 256 577 | 6 05 | 11 0 |
| 87 10 05 | 11 30 | 1632 48 | 787 723 | 256 695 | 6 80 | 11 0 |
| 87 10 05 | 13 30 | 1634 38 | 788 041 | 256 799 | 6 20 | 11 0 |
| 87 10 05 | 15 30 | 1633 48 | 788 307 | 256 886 | 6 09 | 12 0 |
| 87 10 05 | 20 20 | 1634 28 | 788 307 | 256 886 | 6 17 | 12 0 |
| 87 10 05 | 22 20 | 1633 68 | 788 598 | 256 980 | 6 04 | 12 0 |
| 87 10 06 | 00 20 | 1633 58 | 788 903 | 257 080 | 6 09 | 11 0 |
| 87 10 06 | 02 20 | 1633 78 | 789 200 | 257 177 | 6 21 | 11 0 |
| 87 10 06 | 06 20 | 1633 78 | 789 200 | 257 177 | 6 20 | 11 0 |
| 87 10 06 | 08 20 | 1634 68 | 789 588 | 257 303 | 6 20 | 12 0 |
| 87 10 06 | 10 20 | 1638 48 | 789 867 | 257 394 | 6 14 | 11 0 |
| 87 10 06 | 12 20 | 1638 68 | 790 052 | 257 454 | 6 14 | 11 0 |
| 87 10 06 | 14 20 | 1638 58 | 790 240 | 257 516 | 5 53 | 11 0 |
| 87 10 06 | 15 20 | 1638 48 | 790 316 | 257 540 | 6 09 | 12 0 |
| 87 10 06 | 21 40 | 1639 08 | 790 316 | 257 540 | 6 12 | 12 0 |
| 87 10 06 | 23 40 | 1638 98 | 790 556 | 257 618 | 6 18 | 11 0 |
| 87 10 07 | 01 40 | 1638 78 | 790 696 | 257 664 | 6 22 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 10 07 | 03 40 | 1638 58 | 790 882 | 257 725 | 6 20 | 11 0 |
| 87 10 07 | 05 40 | 1638 78 | 791 069 | 257 786 | 6 19 | 11 0 |
| 87 10 07 | 07 40 | 1638 88 | 791 256 | 257 847 | 6 20 | 11 0 |
| 87 10 07 | 09 40 | 1638 58 | 791 442 | 257 907 | 6 18 | 11 0 |
| 87 10 07 | 10 30 | 1638 58 | 791 442 | 257 907 | 6 18 | 11 0 |
| 87 10 07 | 12 30 | 1625 48 | 791 872 | 258 047 | 6 22 | 11 0 |
| 87 10 07 | 14 30 | 1625 48 | 792 264 | 258 175 | 6 10 | 11 0 |
| 87 10 07 | 16 30 | 1630 08 | 792 584 | 258 279 | 6 14 | 12 0 |
| 87 10 07 | 18 30 | 1629 88 | 792 966 | 258 404 | 6 00 | 12 0 |
| 87 10 07 | 20 30 | 1629 68 | 793 358 | 258 532 | 6 03 | 12 0 |
| 87 10 07 | 22 30 | 1629 58 | 793 737 | 258 655 | 6 10 | 12 0 |
| 87 10 08 | 00 30 | 1629 48 | 794 142 | 258 787 | 6 14 | 11 0 |
| 87 10 08 | 02 30 | 1629 58 | 794 519 | 258 910 | 6 21 | 11 0 |
| 87 10 08 | 04 30 | 1629 68 | 794 911 | 259 038 | 6 20 | 11 0 |
| 87 10 08 | 06 30 | 1629 58 | 795 305 | 259 166 | 6 20 | 11 0 |
| 87 10 08 | 08 30 | 1629 48 | 795 700 | 259 295 | 5 94 | 11 0 |
| 87 10 08 | 10 30 | 1629 58 | 796 083 | 259 420 | 5 92 | 11 0 |
| 87 10 08 | 12 30 | 1629 48 | 796 465 | 259 544 | 5 94 | 11 0 |
| 87 10 08 | 14 30 | 1629 48 | 796 865 | 259 674 | 6 02 | 11 0 |
| 87 10 08 | 16 30 | 1629 48 | 797 240 | 259 797 | 6 09 | 12 0 |
| 87 10 08 | 18 30 | 1629 48 | 797 637 | 259 926 | 6 22 | 12 0 |
| 87 10 08 | 20 30 | 1629 38 | 798 025 | 260 052 | 6 07 | 12 0 |
| 87 10 08 | 22 30 | 1629 28 | 798 420 | 260 181 | 6 12 | 12 0 |
| 87 10 09 | 00 30 | 1629 78 | 798 813 | 260 309 | 5 38 | 11 0 |
| 87 10 09 | 02 30 | 1629 48 | 799 201 | 260 436 | 5 86 | 11 0 |
| 87 10 09 | 04 30 | 1629 48 | 799 589 | 260 562 | 5 83 | 11 0 |
| 87 10 09 | 06 30 | 1629 48 | 799 976 | 260 688 | 5 93 | 11 0 |
| 87 10 09 | 07 40 | 1629 48 | 800 206 | 260 763 | 5 58 | 12 0 |
| 87 10 09 | 14 45 | 1646 08 | 800 206 | 260 763 | 5 49 | 12 0 |
| 87 10 09 | 16 45 | 1629 88 | 800 597 | 260 891 | 5 93 | 12 0 |
| 87 10 09 | 18 45 | 1629 68 | 800 993 | 261 020 | 5 97 | 12 0 |
| 87 10 09 | 20 45 | 1629 58 | 801 373 | 261 143 | 5 83 | 12 0 |
| 87 10 09 | 22 45 | 1629 68 | 801 768 | 261 272 | 6 00 | 12 0 |
| 87 10 10 | 00 45 | 1629 58 | 802 147 | 261 396 | 6 00 | 12 0 |
| 87 10 10 | 02 45 | 1629 58 | 802 536 | 261 522 | 6 01 | 12 0 |
| 87 10 10 | 04 45 | 1629 68 | 802 911 | 261 645 | 6 00 | 12 0 |
| 87 10 10 | 06 45 | 1629 68 | 803 291 | 261 768 | 5 99 | 12 0 |
| 87 10 10 | 08 45 | 1629 58 | 803 671 | 261 892 | 5 94 | 12 0 |
| 87 10 10 | 10 45 | 1629 48 | 804 051 | 262 016 | 6 01 | 12 0 |
| 87 10 10 | 12 45 | 1629 58 | 804 431 | 262 140 | 6 01 | 11 0 |
| 87 10 10 | 14 45 | 1629 48 | 804 811 | 262 264 | 6 02 | 11 0 |
| 87 10 10 | 16 45 | 1629 48 | 805 194 | 262 389 | 6 07 | 12 0 |
| 87 10 10 | 18 45 | 1629 18 | 805 581 | 262 515 | 6 12 | 12 0 |
| 87 10 10 | 20 45 | 1629 08 | 805 958 | 262 638 | 6 03 | 12 0 |
| 87 10 10 | 22 45 | 1629 18 | 806 343 | 262 763 | 6 00 | 12 0 |
| 87 10 11 | 00 45 | 1629 08 | 806 722 | 262 886 | 6 09 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 10 11 | 02 45 | 1629 28 | 807 097 | 263 009 | 6 13 | 11 0 |
| 87 10 11 | 04 45 | 1629 48 | 807 465 | 263 129 | 6 18 | 11 0 |
| 87 10 11 | 06 45 | 1629 48 | 807 872 | 263 261 | 5 97 | 11 0 |
| 87 10 11 | 08 45 | 1629 38 | 808 241 | 263 381 | 6 08 | 11 0 |
| 87 10 11 | 10 45 | 1629 18 | 808 517 | 263 471 | 6 10 | 11 0 |
| 87 10 11 | 11 45 | 1628 78 | 808 517 | 263 471 | 6 15 | 11 0 |
| 87 10 11 | 13 45 | 1628 58 | 808 849 | 263 580 | 6 22 | 11 0 |
| 87 10 11 | 15 45 | 1630 48 | 809 227 | 263 703 | 5 91 | 11 0 |
| 87 10 11 | 17 45 | 1630 18 | 809 592 | 263 822 | 5 93 | 11 0 |
| 87 10 11 | 19 55 | 1630 48 | 809 879 | 263 915 | 6 00 | 11 0 |
| 87 10 11 | 21 45 | 1630 38 | 810 218 | 264 026 | 5 96 | 11 0 |
| 87 10 11 | 23 45 | 1630 38 | 810 593 | 264 148 | 6 07 | 11 0 |
| 87 10 12 | 01 45 | 1629 98 | 810 961 | 264 268 | 6 10 | 11 0 |
| 87 10 12 | 03 45 | 1630 48 | 811 325 | 264 386 | 5 85 | 11 0 |
| 87 10 12 | 05 45 | 1630 48 | 811 694 | 264 507 | 5 94 | 11 0 |
| 87 10 12 | 07 45 | 1630 58 | 812 053 | 264 624 | 5 98 | 11 0 |
| 87 10 12 | 09 45 | 1630 48 | 812 419 | 264 743 | 5 82 | 11 0 |
| 87 10 12 | 11 45 | 1630 48 | 813 030 | 264 942 | 6 68 | 11 0 |
| 87 10 12 | 13 45 | 1630 08 | 813 151 | 264 982 | 6 52 | 11 0 |
| 87 10 12 | 15 45 | 1630 48 | 813 529 | 265 105 | 6 55 | 12 0 |
| 87 10 12 | 17 45 | 1630 28 | 813 897 | 265 225 | 6 33 | 12 0 |
| 87 10 12 | 19 45 | 1630 08 | 814 273 | 265 347 | 6 37 | 12 0 |
| 87 10 12 | 21 45 | 1630 38 | 814 640 | 265 467 | 6 45 | 12 0 |
| 87 10 12 | 23 45 | 1630 48 | 815 009 | 265 587 | 6 04 | 12 0 |
| 87 10 13 | 01 45 | 1630 18 | 815 390 | 265 711 | 6 09 | 12 0 |
| 87 10 13 | 03 45 | 1629 88 | 815 759 | 265 831 | 5 97 | 12 0 |
| 87 10 13 | 05 45 | 1629 98 | 816 130 | 265 952 | 5 99 | 12 0 |
| 87 10 13 | 07 45 | 1629 98 | 816 502 | 266 074 | 5 92 | 12 0 |
| 87 10 13 | 09 45 | 1630 08 | 816 874 | 266 195 | 5 97 | 11 0 |
| 87 10 13 | 11 45 | 1629 98 | 817 246 | 266 316 | 5 94 | 11 0 |
| 87 10 13 | 13 45 | 1630 18 | 817 618 | 266 437 | 6 04 | 11 0 |
| 87 10 13 | 15 05 | 1630 28 | 817 864 | 266 517 | 6 12 | 12 0 |
| 87 10 13 | 19 55 | 1630 88 | 817 864 | 266 517 | 6 00 | 12 0 |
| 87 10 13 | 21 55 | 1630 48 | 818 250 | 266 643 | 6 07 | 12 0 |
| 87 10 13 | 23 55 | 1630 38 | 818 629 | 266 767 | 5 99 | 12 0 |
| 87 10 14 | 01 55 | 1630 18 | 818 999 | 266 887 | 6 09 | 12 0 |
| 87 10 14 | 03 55 | 1630 18 | 819 414 | 267 022 | 5 95 | 12 0 |
| 87 10 14 | 05 55 | 1630 08 | 819 746 | 267 131 | 5 98 | 11 3 |
| 87 10 14 | 07 55 | 1629 98 | 820 113 | 267 250 | 6 12 | 11 0 |
| 87 10 14 | 09 55 | 1629 78 | 820 509 | 267 379 | 6 18 | 11 0 |
| 87 10 14 | 11 55 | 1629 68 | 820 859 | 267 493 | 6 25 | 11 0 |
| 87 10 14 | 13 55 | 1629 68 | 821 231 | 267 615 | 6 20 | 11 0 |
| 87 10 14 | 15 55 | 1629 88 | 821 612 | 267 739 | 6 12 | 12 0 |
| 87 10 14 | 17 55 | 1629 78 | 822 094 | 267 896 | 6 09 | 12 0 |
| 87 10 14 | 19 55 | 1629 68 | 822 356 | 267 981 | 6 02 | 12 0 |
| 87 10 14 | 21 55 | 1629 78 | 822 728 | 268 102 | 6 11 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 10 14 | 23 55 | 1629 78 | 823 099 | 268 223 | 6 04 | 12 0 |
| 87 10 15 | 01 55 | 1629 78 | 823 472 | 268 345 | 6 12 | 12 0 |
| 87 10 15 | 03 55 | 1630 08 | 823 846 | 268 467 | 6 01 | 11 0 |
| 87 10 15 | 05 55 | 1629 88 | 824 217 | 268 588 | 6 05 | 11 0 |
| 87 10 15 | 07 55 | 1629 98 | 824 588 | 268 708 | 5 95 | 11 0 |
| 87 10 15 | 09 55 | 1634 48 | 824 888 | 268 806 | 5 91 | 12 0 |
| 87 10 15 | 11 55 | 1634 68 | 825 154 | 268 893 | 5 96 | 11 0 |
| 87 10 15 | 13 55 | 1634 68 | 825 421 | 268 980 | 6 10 | 11 0 |
| 87 10 15 | 15 55 | 1634 68 | 825 736 | 269 083 | 6 21 | 12 0 |
| 87 10 15 | 17 55 | 1630 48 | 826 088 | 269 197 | 6 18 | 12 0 |
| 87 10 15 | 19 55 | 1630 48 | 826 400 | 269 299 | 6 15 | 12 0 |
| 87 10 15 | 21 55 | 1630 48 | 826 811 | 269 433 | 6 06 | 12 0 |
| 87 10 15 | 23 55 | 1630 38 | 827 177 | 269 552 | 6 02 | 11 0 |
| 87 10 16 | 01 55 | 1634 18 | 827 486 | 269 653 | 5 97 | 11 0 |
| 87 10 16 | 03 55 | 1634 38 | 827 766 | 269 744 | 5 94 | 11 0 |
| 87 10 16 | 05 55 | 1634 28 | 828 046 | 269 835 | 5 94 | 11 0 |
| 87 10 16 | 07 55 | 1634 38 | 828 325 | 269 926 | 6 04 | 12 0 |
| 87 10 16 | 09 55 | 1634 38 | 828 604 | 270 017 | 5 98 | 12 0 |
| 87 10 16 | 11 55 | 1635 48 | 828 883 | 270 108 | 6 04 | 12 0 |
| 87 10 16 | 14 15 | 1634 38 | 829 233 | 270 222 | 6 04 | 11 0 |
| 87 10 16 | 19 00 | 1630 48 | 829 233 | 270 222 | 6 00 | 12 0 |
| 87 10 16 | 21 00 | 1630 28 | 829 625 | 270 350 | 6 09 | 12 0 |
| 87 10 16 | 23 00 | 1630 28 | 830 016 | 270 477 | 6 08 | 12 0 |
| 87 10 17 | 01 30 | 1633 98 | 830 426 | 270 611 | 6 04 | 11 0 |
| 87 10 17 | 03 30 | 1633 48 | 830 728 | 270 709 | 5 89 | 11 0 |
| 87 10 17 | 05 30 | 1633 48 | 831 031 | 270 808 | 5 94 | 11 0 |
| 87 10 17 | 07 30 | 1633 48 | 831 333 | 270 906 | 5 98 | 11 0 |
| 87 10 17 | 09 30 | 1633 48 | 831 636 | 271 005 | 5 91 | 11 0 |
| 87 10 17 | 11 30 | 1633 48 | 831 939 | 271 104 | 5 98 | 11 0 |
| 87 10 17 | 13 30 | 1635 08 | 832 208 | 271 192 | 5 97 | 11 0 |
| 87 10 17 | 15 30 | 1635 18 | 832 458 | 271 273 | 5 90 | 11 0 |
| 87 10 17 | 17 30 | 1633 48 | 832 720 | 271 358 | 5 92 | 11 0 |
| 87 10 17 | 19 55 | 1631 38 | 833 005 | 271 451 | 6 02 | 11 0 |
| 87 10 19 | 15 15 | 1639 48 | 833 005 | 271 451 | 6 45 | 12 0 |
| 87 10 19 | 17 15 | 1630 48 | 833 376 | 271 572 | 6 19 | 12 0 |
| 87 10 19 | 19 15 | 1629 88 | 833 757 | 271 696 | 6 04 | 12 0 |
| 87 10 19 | 21 15 | 1629 38 | 834 137 | 271 820 | 6 07 | 12 0 |
| 87 10 19 | 23 15 | 1629 58 | 834 519 | 271 945 | 6 11 | 12 0 |
| 87 10 20 | 01 15 | 1632 18 | 834 850 | 272 053 | 5 91 | 12 0 |
| 87 10 20 | 03 15 | 1632 18 | 835 170 | 272 157 | 6 04 | 11 0 |
| 87 10 20 | 05 15 | 1632 08 | 835 481 | 272 258 | 6 04 | 11 0 |
| 87 10 20 | 07 15 | 1632 28 | 835 513 | 272 269 | 6 02 | 11 0 |
| 87 10 20 | 09 15 | 1632 28 | 836 129 | 272 469 | 5 91 | 12 0 |
| 87 10 20 | 11 15 | 1632 28 | 836 449 | 272 574 | 5 99 | 12 0 |
| 87 10 20 | 13 15 | 1632 48 | 836 767 | 272 677 | 5 99 | 12 0 |
| 87 10 20 | 15 15 | 1632 38 | 837 091 | 272 783 | 6 04 | 12 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 10 20 | 17 15 | 1632 28 | 837 402 | 272 884 | 6 01 | 12 0 |
| 87 10 20 | 19 30 | 1632 58 | 837 402 | 272 884 | 6 12 | 12 0 |
| 87 10 20 | 21 30 | 1629 78 | 837 777 | 273 006 | 6 19 | 12 0 |
| 87 10 20 | 23 30 | 1628 58 | 838 153 | 273 129 | 6 15 | 12 0 |
| 87 10 21 | 01 30 | 1629 98 | 838 519 | 273 248 | 5 84 | 12 0 |
| 87 10 21 | 03 30 | 1632 48 | 838 866 | 273 361 | 5 92 | 12 0 |
| 87 10 21 | 05 30 | 1632 38 | 839 181 | 273 464 | 5 98 | 12 0 |
| 87 10 21 | 07 30 | 1631 98 | 839 492 | 273 565 | 6 56 | 12 0 |
| 87 10 21 | 09 30 | 1631 38 | 839 807 | 273 668 | 6 59 | 12 0 |
| 87 10 21 | 11 30 | 1631 38 | 840 116 | 273 769 | 6 63 | 12 0 |
| 87 10 21 | 13 00 | 1631 18 | 840 324 | 273 836 | 6 53 | 12 0 |
| 87 10 21 | 18 30 | 1631 88 | 840 324 | 273 836 | 6 19 | 12 0 |
| 87 10 21 | 20 30 | 1629 48 | 840 702 | 273 960 | 6 03 | 12 0 |
| 87 10 21 | 22 30 | 1630 38 | 841 070 | 274 079 | 6 00 | 12 0 |
| 87 10 22 | 00 30 | 1629 58 | 841 447 | 274 202 | 6 07 | 12 0 |
| 87 10 22 | 01 30 | 1629 48 | 841 611 | 274 256 | 6 02 | 12 0 |
| 87 10 22 | 10 30 | 1646 68 | 841 611 | 274 256 | 5 77 | 12 0 |
| 87 10 22 | 12 30 | 1638 28 | 841 850 | 274 334 | 6 02 | 12 0 |
| 87 10 22 | 14 30 | 1638 18 | 842 044 | 274 397 | 6 09 | 11 0 |
| 87 10 22 | 16 30 | 1638 08 | 842 250 | 274 464 | 6 04 | 12 0 |
| 87 10 22 | 18 30 | 1630 48 | 842 498 | 274 545 | 6 12 | 12 0 |
| 87 10 22 | 20 30 | 1630 48 | 842 864 | 274 664 | 6 03 | 12 0 |
| 87 10 22 | 22 30 | 1630 38 | 843 218 | 274 779 | 6 11 | 12 0 |
| 87 10 23 | 00 30 | 1630 48 | 843 577 | 274 896 | 6 10 | 11 0 |
| 87 10 23 | 02 30 | 1630 38 | 843 935 | 275 013 | 6 08 | 11 0 |
| 87 10 23 | 04 30 | 1630 38 | 844 295 | 275 130 | 6 11 | 11 0 |
| 87 10 23 | 06 30 | 1630 48 | 844 654 | 275 247 | 6 04 | 11 0 |
| 87 10 23 | 08 00 | 1630 18 | 844 929 | 275 337 | 6 30 | 11 0 |
| 87 10 23 | 15 30 | 1638 78 | 844 929 | 275 337 | 6 03 | 12 0 |
| 87 10 23 | 17 00 | 1630 48 | 845 115 | 275 398 | 6 19 | 12 0 |
| 87 10 24 | 10 30 | 1646 88 | 845 160 | 275 412 | 5 98 | 11 0 |
| 87 10 24 | 12 30 | 1630 48 | 845 542 | 275 537 | 6 30 | 11 0 |
| 87 10 24 | 14 30 | 1629 88 | 845 908 | 275 656 | 6 28 | 12 0 |
| 87 10 24 | 16 30 | 1629 98 | 846 286 | 275 779 | 6 09 | 12 0 |
| 87 10 24 | 18 30 | 1629 88 | 846 665 | 275 903 | 6 12 | 12 0 |
| 87 10 24 | 20 30 | 1630 08 | 847 043 | 276 026 | 6 22 | 12 0 |
| 87 10 24 | 22 30 | 1629 88 | 847 426 | 276 151 | 6 31 | 12 0 |
| 87 10 25 | 00 30 | 1629 98 | 847 801 | 276 273 | 6 12 | 11 0 |
| 87 10 25 | 01 30 | 1629 98 | 848 181 | 276 397 | 6 08 | 11 0 |
| 87 10 25 | 03 30 | 1629 88 | 848 561 | 276 521 | 6 10 | 11 0 |
| 87 10 25 | 05 30 | 1630 08 | 848 941 | 276 644 | 6 15 | 11 0 |
| 87 10 25 | 07 30 | 1629 48 | 849 312 | 276 765 | 6 10 | 11 0 |
| 87 10 25 | 09 30 | 1629 68 | 849 692 | 276 889 | 6 21 | 11 0 |
| 87 10 25 | 11 00 | 1629 98 | 850 073 | 277 013 | 6 22 | 11 0 |
| 87 10 25 | 13 30 | 1629 88 | 850 440 | 277 133 | 6 15 | 11 0 |
| 87 10 25 | 15 30 | 1630 38 | 850 801 | 277 251 | 6 07 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 10 25 | 17 30 | 1630 48 | 851 153 | 277 365 | 6 21 | 11 0 |
| 87 10 25 | 19 30 | 1630 48 | 851 509 | 277 481 | 6 21 | 11 0 |
| 87 10 25 | 21 30 | 1630 48 | 851 858 | 277 595 | 6 23 | 11 0 |
| 87 10 25 | 23 30 | 1630 48 | 852 220 | 277 713 | 6 11 | 11 0 |
| 87 10 26 | 01 30 | 1630 48 | 852 575 | 277 829 | 6 17 | 11 0 |
| 87 10 26 | 03 30 | 1630 38 | 852 927 | 277 943 | 6 08 | 11 0 |
| 87 10 26 | 05 30 | 1631 38 | 853 281 | 278 059 | 6 12 | 11 0 |
| 87 10 26 | 07 30 | 1630 48 | 853 628 | 278 172 | 6 41 | 11 0 |
| 87 10 26 | 09 30 | 1629 88 | 853 981 | 278 287 | 6 32 | 11 0 |
| 87 10 26 | 11 30 | 1630 08 | 854 333 | 278 401 | 6 50 | 11 0 |
| 87 10 26 | 13 30 | 1630 48 | 854 699 | 278 521 | 6 97 | 11 0 |
| 87 10 26 | 15 30 | 1630 48 | 855 048 | 278 634 | 6 09 | 12 0 |
| 87 10 26 | 17 30 | 1630 38 | 855 395 | 278 748 | 6 12 | 12 0 |
| 87 10 26 | 19 30 | 1630 28 | 855 750 | 278 863 | 6 23 | 12 0 |
| 87 10 26 | 21 30 | 1630 48 | 856 097 | 278 976 | 6 04 | 12 0 |
| 87 10 26 | 23 30 | 1630 38 | 856 451 | 279 092 | 6 05 | 12 0 |
| 87 10 27 | 01 30 | 1630 08 | 856 800 | 279 205 | 6 00 | 12 0 |
| 87 10 27 | 03 30 | 1630 08 | 857 150 | 279 319 | 6 02 | 12 0 |
| 87 10 27 | 05 30 | 1630 48 | 857 514 | 279 438 | 6 13 | 11 0 |
| 87 10 27 | 07 30 | 1630 38 | 857 851 | 279 548 | 6 37 | 12 0 |
| 87 10 27 | 09 30 | 1632 18 | 858 179 | 279 655 | 5 95 | 12 0 |
| 87 10 27 | 12 10 | 1631 18 | 858 603 | 279 793 | 6 52 | 12 0 |
| 87 10 27 | 14 10 | 1631 98 | 858 850 | 279 873 | 5 76 | 12 0 |
| 87 10 27 | 16 10 | 1637 88 | 859 038 | 279 935 | 6 07 | 12 0 |
| 87 10 27 | 18 10 | 1630 48 | 859 328 | 280 029 | 6 75 | 12 0 |
| 87 10 27 | 20 10 | 1630 48 | 859 683 | 280 145 | 6 53 | 11 0 |
| 87 10 27 | 22 10 | 1630 48 | 860 013 | 280 252 | 6 30 | 11 0 |
| 87 10 28 | 00 10 | 1630 38 | 860 384 | 280 373 | 5 99 | 11 0 |
| 87 10 28 | 02 10 | 1630 48 | 860 732 | 280 487 | 6 02 | 11 0 |
| 87 10 28 | 04 10 | 1630 48 | 861 075 | 280 599 | 5 98 | 11 0 |
| 87 10 28 | 06 10 | 1631 48 | 861 418 | 280 710 | 5 98 | 11 0 |
| 87 10 28 | 08 10 | 1631 48 | 861 743 | 280 816 | 6 05 | 11 0 |
| 87 10 28 | 10 10 | 1630 48 | 862 048 | 280 916 | 6 02 | 11 0 |
| 87 10 28 | 12 10 | 1635 48 | 862 297 | 280 997 | 5 06 | 11 0 |
| 87 10 28 | 14 10 | 1635 48 | 862 536 | 281 075 | 5 95 | 11 0 |
| 87 10 28 | 16 10 | 1635 48 | 862 784 | 281 155 | 5 83 | 11 0 |
| 87 10 28 | 18 10 | 1635 48 | 863 020 | 281 232 | 5 91 | 11 0 |
| 87 10 28 | 20 10 | 1635 48 | 863 257 | 281 310 | 5 99 | 11 0 |
| 87 10 28 | 22 10 | 1635 58 | 863 494 | 281 387 | 6 04 | 11 0 |
| 87 10 29 | 00 10 | 1635 78 | 863 731 | 281 464 | 5 91 | 11 0 |
| 87 10 29 | 02 10 | 1635 68 | 863 968 | 281 541 | 6 01 | 11 0 |
| 87 10 29 | 04 10 | 1635 78 | 864 201 | 281 617 | 5 98 | 11 0 |
| 87 10 29 | 06 10 | 1635 68 | 864 439 | 281 695 | 5 87 | 11 0 |
| 87 10 29 | 08 10 | 1635 68 | 864 673 | 281 771 | 5 49 | 12 0 |
| 87 10 29 | 10 10 | 1638 88 | 864 923 | 281 852 | 6 31 | 12 0 |
| 87 10 29 | 12 10 | 1632 58 | 865 194 | 281 941 | 6 26 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 10 29 | 14 10 | 1632 98 | 865 495 | 282 039 | 6 15 | 12 0 |
| 87 10 29 | 16 10 | 1632 88 | 865 803 | 282 139 | 6 31 | 12 0 |
| 87 10 29 | 18 10 | 1633 08 | 866 103 | 282 237 | 6 29 | 12 0 |
| 87 10 29 | 20 10 | 1632 98 | 866 398 | 282 333 | 6 20 | 12 0 |
| 87 10 29 | 22 10 | 1633 08 | 866 700 | 282 432 | 5 64 | 11 0 |
| 87 10 30 | 00 10 | 1632 78 | 866 999 | 282 529 | 5 84 | 11 0 |
| 87 10 30 | 02 10 | 1629 68 | 867 296 | 282 626 | 6 01 | 11 0 |
| 87 10 30 | 04 10 | 1632 78 | 867 587 | 282 721 | 5 99 | 11 0 |
| 87 10 30 | 06 10 | 1632 98 | 867 888 | 282 819 | 5 97 | 11 0 |
| 87 10 30 | 08 10 | 1632 88 | 868 190 | 282 917 | 5 98 | 11 0 |
| 87 10 30 | 08 30 | 1632 88 | 868 240 | 282 933 | 5 99 | 11 0 |
| 87 10 30 | 14 30 | 1637 38 | 868 240 | 282 933 | 6 02 | 11 0 |
| 87 10 30 | 16 30 | 1633 58 | 868 532 | 283 029 | 6 07 | 11 0 |
| 87 10 30 | 18 30 | 1633 28 | 868 832 | 283 126 | 6 10 | 11 0 |
| 87 10 30 | 20 30 | 1633 28 | 869 132 | 283 224 | 6 13 | 11 0 |
| 87 10 30 | 22 30 | 1633 08 | 869 433 | 283 322 | 6 00 | 11 0 |
| 87 10 31 | 00 30 | 1633 18 | 869 729 | 283 419 | 5 98 | 11 0 |
| 87 10 31 | 02 30 | 1633 18 | 870 038 | 283 519 | 5 97 | 11 0 |
| 87 10 31 | 04 30 | 1633 18 | 870 337 | 283 617 | 5 97 | 11 0 |
| 87 10 31 | 06 30 | 1633 18 | 870 636 | 283 714 | 6 01 | 11 0 |
| 87 10 31 | 08 30 | 1632 68 | 870 934 | 283 811 | 5 89 | 11 0 |
| 87 10 31 | 10 30 | 1632 98 | 871 232 | 283 908 | 5 98 | 12 0 |
| 87 10 31 | 12 30 | 1633 18 | 871 524 | 284 004 | 6 07 | 12 0 |
| 87 10 31 | 14 30 | 1633 18 | 871 821 | 284 100 | 6 06 | 12 0 |
| 87 10 31 | 16 30 | 1633 18 | 872 119 | 284 197 | 6 06 | 12 0 |
| 87 10 31 | 18 30 | 1633 08 | 872 416 | 284 294 | 6 08 | 12 0 |
| 87 10 31 | 20 30 | 1633 28 | 872 713 | 284 391 | 6 08 | 12 0 |
| 87 10 31 | 22 30 | 1633 08 | 873 010 | 284 488 | 6 03 | 12 0 |
| 87 11 01 | 00 30 | 1633 08 | 873 307 | 284 585 | 6 07 | 12 0 |
| 87 11 01 | 02 30 | 1633 18 | 873 604 | 284 681 | 6 01 | 12 0 |
| 87 11 01 | 04 30 | 1633 08 | 873 902 | 284 778 | 6 09 | 12 0 |
| 87 11 01 | 06 30 | 1633 08 | 874 200 | 284 876 | 6 09 | 12 0 |
| 87 11 01 | 08 30 | 1632 48 | 874 489 | 284 970 | 6 08 | 12 0 |
| 87 11 01 | 10 30 | 1633 08 | 874 758 | 285 057 | 6 44 | 12 0 |
| 87 11 01 | 12 30 | 1633 38 | 875 080 | 285 162 | 6 02 | 12 0 |
| 87 11 01 | 14 30 | 1632 58 | 875 377 | 285 259 | 6 06 | 12 0 |
| 87 11 01 | 16 30 | 1633 28 | 875 677 | 285 357 | 6 13 | 11 5 |
| 87 11 01 | 18 30 | 1633 18 | 875 978 | 285 455 | 6 09 | 11 5 |
| 87 11 01 | 20 30 | 1633 38 | 876 267 | 285 549 | 6 19 | 12 0 |
| 87 11 01 | 22 30 | 1633 18 | 876 564 | 285 646 | 6 23 | 12 0 |
| 87 11 02 | 00 30 | 1633 28 | 876 863 | 285 743 | 6 12 | 12 0 |
| 87 11 02 | 02 30 | 1633 18 | 877 159 | 285 840 | 6 15 | 12 0 |
| 87 11 02 | 04 30 | 1633 38 | 877 452 | 285 935 | 6 18 | 12 0 |
| 87 11 02 | 06 30 | 1633 28 | 877 747 | 286 031 | 6 10 | 12 0 |
| 87 11 02 | 08 30 | 1632 08 | 878 034 | 286 125 | 6 09 | 12 0 |
| 87 11 02 | 10 30 | 1632 18 | 878 327 | 286 220 | 6 22 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 11 02 | 12 30 | 1633 48 | 878 635 | 286 321 | 6 32 | 12 0 |
| 87 11 02 | 14 30 | 1632 68 | 878 915 | 286 412 | 6 30 | 12 0 |
| 87 11 02 | 16 30 | 1633 48 | 879 218 | 286 511 | 6 09 | 12 0 |
| 87 11 02 | 18 30 | 1633 18 | 879 510 | 286 606 | 6 17 | 12 0 |
| 87 11 02 | 20 30 | 1633 28 | 879 804 | 286 702 | 6 23 | 12 0 |
| 87 11 02 | 22 30 | 1633 08 | 880 098 | 286 798 | 6 29 | 12 0 |
| 87 11 03 | 00 30 | 1633 28 | 880 391 | 286 893 | 5 99 | 12 0 |
| 87 11 03 | 02 30 | 1633 28 | 880 687 | 286 989 | 6 09 | 12 0 |
| 87 11 03 | 04 30 | 1633 48 | 880 989 | 287 088 | 5 91 | 12 0 |
| 87 11 03 | 06 30 | 1633 48 | 881 271 | 287 180 | 5 97 | 12 0 |
| 87 11 03 | 08 30 | 1633 38 | 881 563 | 287 275 | 5 87 | 12 0 |
| 87 11 03 | 10 30 | 1633 28 | 881 857 | 287 371 | 5 95 | 12 0 |
| 87 11 03 | 10 55 | 1644 18 | 881 906 | 287 387 | 5 95 | 12 0 |
| 87 11 03 | 14 55 | 1646 48 | 881 906 | 287 387 | 6 03 | 12 0 |
| 87 11 03 | 16 55 | 1633 48 | 882 201 | 287 483 | 5 95 | 12 0 |
| 87 11 03 | 18 55 | 1633 48 | 882 419 | 287 554 | 5 98 | 12 0 |
| 87 11 03 | 20 55 | 1633 08 | 882 793 | 287 676 | 6 00 | 12 0 |
| 87 11 03 | 22 55 | 1633 18 | 883 084 | 287 771 | 6 03 | 12 0 |
| 87 11 04 | 00 55 | 1633 48 | 883 384 | 287 868 | 5 81 | 12 0 |
| 87 11 04 | 02 55 | 1633 48 | 883 679 | 287 964 | 6 01 | 12 0 |
| 87 11 04 | 04 55 | 1633 68 | 883 967 | 288 058 | 5 97 | 12 0 |
| 87 11 04 | 06 55 | 1633 48 | 884 259 | 288 153 | 6 00 | 12 0 |
| 87 11 04 | 08 55 | 1633 38 | 884 544 | 288 246 | 6 02 | 12 0 |
| 87 11 04 | 10 55 | 1635 48 | 884 795 | 288 328 | 6 14 | 12 0 |
| 87 11 04 | 12 55 | 1635 78 | 885 046 | 288 410 | 6 02 | 11 0 |
| 87 11 04 | 14 55 | 1635 48 | 885 223 | 288 468 | 6 05 | 11 0 |
| 87 11 04 | 15 25 | 1635 38 | 885 335 | 288 504 | 6 12 | 12 0 |
| 87 11 04 | 17 15 | 1638 18 | 885 335 | 288 504 | 6 01 | 12 0 |
| 87 11 04 | 19 15 | 1631 98 | 885 620 | 288 597 | 6 00 | 12 0 |
| 87 11 04 | 21 15 | 1631 78 | 885 946 | 288 703 | 6 08 | 12 0 |
| 87 11 04 | 23 15 | 1631 58 | 886 283 | 288 813 | 6 14 | 12 0 |
| 87 11 05 | 01 15 | 1631 38 | 886 615 | 288 921 | 6 20 | 12 0 |
| 87 11 05 | 03 15 | 1635 68 | 886 857 | 289 000 | 5 98 | 12 0 |
| 87 11 05 | 05 15 | 1635 88 | 887 098 | 289 079 | 6 05 | 12 0 |
| 87 11 05 | 07 15 | 1635 48 | 887 367 | 289 166 | 6 09 | 12 0 |
| 87 11 05 | 09 15 | 1635 88 | 887 576 | 289 234 | 6 01 | 11 0 |
| 87 11 05 | 11 15 | 1638 18 | 887 787 | 289 303 | 6 04 | 12 0 |
| 87 11 05 | 13 15 | 1638 28 | 887 976 | 289 365 | 5 94 | 11 0 |
| 87 11 05 | 15 15 | 1635 08 | 888 160 | 289 425 | 6 23 | 12 0 |
| 87 11 05 | 17 15 | 1634 88 | 888 460 | 289 522 | 6 07 | 12 0 |
| 87 11 05 | 19 15 | 1633 88 | 888 758 | 289 620 | 6 00 | 12 0 |
| 87 11 05 | 21 15 | 1632 58 | 889 068 | 289 721 | 6 13 | 12 0 |
| 87 11 05 | 23 30 | 1632 48 | 889 417 | 289 834 | 6 22 | 11 0 |
| 87 11 06 | 01 30 | 1632 58 | 889 732 | 289 937 | 5 92 | 11 0 |
| 87 11 06 | 03 30 | 1632 48 | 890 051 | 290 041 | 5 97 | 11 0 |
| 87 11 06 | 05 30 | 1632 48 | 890 360 | 290 142 | 5 98 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 11 06 | 07 30 | 1632 38 | 890 677 | 290 245 | 6 06 | 12 0 |
| 87 11 06 | 09 45 | 1638 08 | 890 947 | 290 333 | 6 16 | 12 0 |
| 87 11 06 | 11 45 | 1638 18 | 891 143 | 290 397 | 5 93 | 12 0 |
| 87 11 06 | 13 45 | 1638 38 | 891 340 | 290 461 | 6 08 | 12 0 |
| 87 11 06 | 16 15 | 1633 48 | 891 695 | 290 577 | 6 12 | 11 0 |
| 87 11 06 | 18 15 | 1633 48 | 891 976 | 290 668 | 6 13 | 11 0 |
| 87 11 06 | 20 15 | 1633 48 | 892 277 | 290 766 | 6 19 | 11 0 |
| 87 11 06 | 22 15 | 1633 38 | 892 574 | 290 863 | 6 18 | 11 0 |
| 87 11 07 | 00 15 | 1633 28 | 892 879 | 290 962 | 6 05 | 11 0 |
| 87 11 07 | 02 15 | 1633 28 | 893 184 | 291 062 | 6 02 | 11 0 |
| 87 11 07 | 04 15 | 1633 38 | 893 486 | 291 160 | 6 03 | 11 0 |
| 87 11 07 | 06 15 | 1633 28 | 893 792 | 291 260 | 6 00 | 11 0 |
| 87 11 07 | 08 15 | 1633 08 | 894 097 | 291 359 | 5 98 | 11 0 |
| 87 11 07 | 10 15 | 1633 08 | 894 404 | 291 459 | 6 09 | 11 0 |
| 87 11 07 | 12 15 | 1633 08 | 894 710 | 291 559 | 6 22 | 11 0 |
| 87 11 07 | 14 15 | 1633 18 | 895 012 | 291 658 | 5 98 | 11 0 |
| 87 11 07 | 16 15 | 1633 38 | 895 314 | 291 756 | 6 01 | 11 0 |
| 87 11 07 | 18 15 | 1633 18 | 895 618 | 291 855 | 6 02 | 11 0 |
| 87 11 07 | 20 15 | 1632 98 | 895 722 | 291 889 | 5 75 | 11 0 |
| 87 11 07 | 22 15 | 1633 18 | 896 227 | 292 053 | 5 78 | 11 0 |
| 87 11 08 | 00 15 | 1633 08 | 896 533 | 292 153 | 5 91 | 11 0 |
| 87 11 08 | 02 15 | 1632 98 | 896 836 | 292 252 | 5 84 | 11 0 |
| 87 11 08 | 04 15 | 1632 88 | 897 143 | 292 352 | 6 02 | 11 0 |
| 87 11 08 | 06 15 | 1632 58 | 897 446 | 292 451 | 6 07 | 11 0 |
| 87 11 08 | 08 15 | 1632 58 | 897 699 | 292 533 | 6 22 | 12 0 |
| 87 11 08 | 12 00 | 1633 18 | 897 699 | 292 533 | 6 22 | 12 0 |
| 87 11 08 | 14 00 | 1635 48 | 897 980 | 292 625 | 6 09 | 12 0 |
| 87 11 08 | 16 00 | 1637 98 | 898 218 | 292 702 | 6 08 | 12 0 |
| 87 11 08 | 18 00 | 1638 48 | 898 407 | 292 764 | 6 04 | 12 0 |
| 87 11 08 | 20 00 | 1638 48 | 898 595 | 292 825 | 6 05 | 12 0 |
| 87 11 08 | 22 00 | 1637 08 | 898 790 | 292 889 | 6 07 | 12 0 |
| 87 11 09 | 00 30 | 1637 18 | 899 073 | 292 981 | 5 92 | 11 0 |
| 87 11 09 | 02 30 | 1637 08 | 899 293 | 293 053 | 5 94 | 11 0 |
| 87 11 09 | 04 30 | 1637 28 | 899 524 | 293 128 | 6 07 | 11 0 |
| 87 11 09 | 06 30 | 1636 88 | 899 732 | 293 196 | 5 91 | 11 0 |
| 87 11 09 | 08 00 | 1636 48 | 899 852 | 293 235 | 6 07 | 11 0 |
| 87 11 09 | 18 00 | 1635 88 | 899 852 | 293 235 | 5 93 | 12 0 |
| 87 11 09 | 20 00 | 1633 28 | 900 134 | 293 327 | 6 00 | 12 0 |
| 87 11 09 | 22 00 | 1633 08 | 900 409 | 293 416 | 6 12 | 12 0 |
| 87 11 10 | 00 30 | 1632 78 | 900 824 | 293 552 | 5 71 | 11 0 |
| 87 11 10 | 02 30 | 1632 88 | 901 106 | 293 643 | 5 93 | 11 0 |
| 87 11 10 | 17 00 | 1643 58 | 901 106 | 293 643 | 5 97 | 11 0 |
| 87 11 10 | 19 00 | 1632 48 | 901 436 | 293 751 | 6 04 | 12 0 |
| 87 11 10 | 21 00 | 1632 38 | 901 766 | 293 858 | 6 00 | 12 0 |
| 87 11 10 | 23 00 | 1632 18 | 902 086 | 293 963 | 6 12 | 12 0 |
| 87 11 11 | 01 00 | 1631 98 | 902 408 | 294 068 | 5 91 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 11 11 | 03 00 | 1631 78 | 902 730 | 294 173 | 5 99 | 11 0 |
| 87 11 11 | 05 00 | 1631 98 | 903 055 | 294 279 | 5 93 | 11 0 |
| 87 11 11 | 07 00 | 1632 08 | 903 391 | 294 388 | 5 95 | 11 0 |
| 87 11 11 | 09 00 | 1631 48 | 903 691 | 294 486 | 5 92 | 11 0 |
| 87 11 11 | 11 00 | 1635 48 | 904 001 | 294 587 | 6 17 | 11 0 |
| 87 11 11 | 13 00 | 1636 48 | 904 195 | 294 650 | 6 15 | 11 0 |
| 87 11 11 | 15 00 | 1637 48 | 904 420 | 294 723 | 6 10 | 11 0 |
| 87 11 11 | 17 00 | 1637 68 | 904 615 | 294 787 | 5 98 | 12 0 |
| 87 11 11 | 19 00 | 1635 08 | 904 863 | 294 868 | 5 99 | 12 0 |
| 87 11 11 | 21 00 | 1634 88 | 905 123 | 294 952 | 6 04 | 12 0 |
| 87 11 11 | 23 00 | 1634 98 | 905 382 | 295 037 | 6 00 | 12 0 |
| 87 11 12 | 01 00 | 1634 98 | 905 627 | 295 117 | 6 02 | 12 0 |
| 87 11 12 | 03 00 | 1635 08 | 905 901 | 295 206 | 5 91 | 11 0 |
| 87 11 12 | 05 00 | 1634 98 | 906 147 | 295 286 | 5 95 | 11 0 |
| 87 11 12 | 07 30 | 1637 88 | 906 422 | 295 376 | 6 01 | 12 0 |
| 87 11 12 | 09 30 | 1637 98 | 906 613 | 295 438 | 6 16 | 12 0 |
| 87 11 12 | 11 30 | 1638 28 | 906 801 | 295 499 | 6 22 | 12 0 |
| 87 11 12 | 13 30 | 1635 18 | 907 014 | 295 569 | 6 07 | 11 0 |
| 87 11 12 | 15 30 | 1634 98 | 907 272 | 295 653 | 6 00 | 12 0 |
| 87 11 12 | 17 30 | 1634 98 | 907 535 | 295 738 | 6 07 | 12 0 |
| 87 11 12 | 19 30 | 1634 88 | 907 797 | 295 824 | 6 03 | 12 0 |
| 87 11 12 | 21 30 | 1634 58 | 908 078 | 295 915 | 6 12 | 12 0 |
| 87 11 12 | 23 30 | 1634 28 | 908 360 | 296 007 | 6 11 | 12 0 |
| 87 11 13 | 01 30 | 1633 98 | 908 640 | 296 099 | 5 92 | 12 0 |
| 87 11 13 | 03 30 | 1633 98 | 908 926 | 296 192 | 5 96 | 12 0 |
| 87 11 13 | 05 30 | 1633 88 | 909 207 | 296 283 | 6 04 | 12 0 |
| 87 11 13 | 07 30 | 1634 08 | 909 488 | 296 375 | 6 00 | 12 0 |
| 87 11 13 | 09 30 | 1633 88 | 909 769 | 296 466 | 6 01 | 12 0 |
| 87 11 13 | 11 30 | 1634 08 | 910 048 | 296 557 | 6 07 | 12 0 |
| 87 11 13 | 13 30 | 1634 08 | 910 328 | 296 649 | 6 00 | 12 0 |
| 87 11 13 | 15 30 | 1634 28 | 910 606 | 296 739 | 5 94 | 12 0 |
| 87 11 13 | 17 30 | 1634 28 | 910 889 | 296 831 | 5 90 | 12 0 |
| 87 11 13 | 19 30 | 1634 18 | 911 169 | 296 923 | 5 89 | 12 0 |
| 87 11 13 | 21 50 | 1634 18 | 911 488 | 297 027 | 5 95 | 12 0 |
| 87 11 13 | 23 50 | 1633 78 | 911 764 | 297 117 | 5 90 | 12 0 |
| 87 11 14 | 01 50 | 1637 78 | 912 012 | 297 197 | 5 92 | 12 0 |
| 87 11 14 | 03 50 | 1638 08 | 912 206 | 297 261 | 5 97 | 12 0 |
| 87 11 14 | 05 50 | 1637 98 | 912 401 | 297 324 | 5 96 | 12 0 |
| 87 11 14 | 07 50 | 1638 18 | 912 596 | 297 388 | 5 98 | 11 0 |
| 87 11 14 | 09 50 | 1638 08 | 912 795 | 297 453 | 6 22 | 11 0 |
| 87 11 14 | 11 50 | 1638 38 | 912 985 | 297 514 | 6 23 | 11 0 |
| 87 11 14 | 13 50 | 1638 38 | 913 177 | 297 577 | 6 18 | 11 0 |
| 87 11 14 | 15 50 | 1638 48 | 913 369 | 297 640 | 6 14 | 11 0 |
| 87 11 14 | 17 50 | 1638 28 | 913 563 | 297 703 | 6 05 | 11 0 |
| 87 11 14 | 19 50 | 1638 48 | 913 756 | 297 766 | 6 06 | 11 0 |
| 87 11 14 | 21 50 | 1638 28 | 913 950 | 297 829 | 6 10 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 11 14 | 23 50 | 1633 88 | 914 167 | 297 900 | 5 91 | 11 0 |
| 87 11 15 | 01 50 | 1633 58 | 914 463 | 297 996 | 5 91 | 11 0 |
| 87 11 15 | 03 50 | 1633 48 | 914 758 | 298 092 | 5 96 | 11 0 |
| 87 11 15 | 05 50 | 1633 38 | 915 060 | 298 191 | 6 07 | 11 0 |
| 87 11 15 | 07 50 | 1633 48 | 915 358 | 298 288 | 6 02 | 11 0 |
| 87 11 15 | 09 50 | 1633 38 | 915 656 | 298 385 | 6 04 | 11 0 |
| 87 11 15 | 11 50 | 1630 68 | 915 972 | 298 488 | 6 07 | 11 0 |
| 87 11 15 | 13 50 | 1630 88 | 916 225 | 298 570 | 6 00 | 11 0 |
| 87 11 15 | 16 00 | 1633 28 | 916 590 | 298 689 | 5 95 | 11 0 |
| 87 11 15 | 18 00 | 1633 18 | 916 892 | 298 788 | 5 88 | 11 0 |
| 87 11 15 | 20 00 | 1633 28 | 917 195 | 298 886 | 5 70 | 11 0 |
| 87 11 15 | 22 00 | 1633 28 | 917 493 | 298 983 | 5 75 | 11 0 |
| 87 11 15 | 23 30 | 1633 48 | 917 722 | 299 058 | 5 88 | 11 0 |
| 87 11 16 | 01 30 | 1633 48 | 918 020 | 299 155 | 5 86 | 11 0 |
| 87 11 16 | 03 30 | 1633 18 | 918 336 | 299 258 | 5 83 | 11 0 |
| 87 11 16 | 05 30 | 1633 28 | 918 617 | 299 350 | 5 87 | 11 0 |
| 87 11 16 | 07 30 | 1633 28 | 918 909 | 299 445 | 5 89 | 11 0 |
| 87 11 16 | 09 30 | 1633 38 | 919 205 | 299 541 | 5 82 | 11 0 |
| 87 11 16 | 11 30 | 1633 48 | 919 498 | 299 637 | 5 87 | 11 0 |
| 87 11 16 | 13 30 | 1633 18 | 919 792 | 299 733 | 5 95 | 11 0 |
| 87 11 16 | 15 40 | 1633 78 | 920 100 | 299 833 | 6 11 | 11 0 |
| 87 11 16 | 17 30 | 1633 68 | 920 364 | 299 919 | 5 91 | 11 0 |
| 87 11 16 | 19 30 | 1633 68 | 920 651 | 300 013 | 5 97 | 11 0 |
| 87 11 16 | 21 30 | 1633 78 | 920 938 | 300 106 | 5 96 | 11 0 |
| 87 11 16 | 23 30 | 1633 78 | 921 233 | 300 202 | 5 97 | 11 0 |
| 87 11 17 | 01 30 | 1633 58 | 921 522 | 300 296 | 6 01 | 11 0 |
| 87 11 17 | 03 30 | 1633 68 | 921 808 | 300 390 | 5 98 | 11 0 |
| 87 11 17 | 05 30 | 1633 98 | 922 094 | 300 483 | 5 97 | 11 0 |
| 87 11 17 | 07 30 | 1633 98 | 922 377 | 300 575 | 6 07 | 12 0 |
| 87 11 17 | 09 30 | 1633 88 | 922 662 | 300 668 | 6 12 | 11 0 |
| 87 11 17 | 11 30 | 1634 08 | 922 946 | 300 760 | 6 22 | 11 0 |
| 87 11 17 | 12 10 | 1633 98 | 923 039 | 300 791 | 6 20 | 11 0 |
| 87 11 18 | 08 50 | 1633 18 | 923 039 | 300 791 | 6 20 | 11 0 |
| 87 11 18 | 10 50 | 1631 68 | 923 372 | 300 899 | 6 18 | 11 0 |
| 87 11 18 | 13 00 | 1635 48 | 923 712 | 301 010 | 6 15 | 11 0 |
| 87 11 18 | 15 00 | 1635 98 | 923 956 | 301 090 | 6 12 | 11 0 |
| 87 11 18 | 16 30 | 1635 98 | 924 119 | 301 143 | 6 31 | 11 0 |
| 87 11 18 | 18 30 | 1636 08 | 924 359 | 301 221 | 6 18 | 11 0 |
| 87 11 18 | 20 30 | 1636 08 | 924 594 | 301 297 | 6 16 | 11 0 |
| 87 11 18 | 22 30 | 1636 18 | 924 827 | 301 373 | 6 31 | 11 0 |
| 87 11 19 | 00 30 | 1635 78 | 925 066 | 301 451 | 5 99 | 11 0 |
| 87 11 19 | 02 30 | 1635 88 | 925 299 | 301 527 | 6 00 | 11 0 |
| 87 11 19 | 04 30 | 1635 78 | 925 522 | 301 600 | 6 00 | 11 0 |
| 87 11 19 | 06 30 | 1635 78 | 925 763 | 301 678 | 5 98 | 11 0 |
| 87 11 19 | 08 30 | 1638 28 | 925 994 | 301 754 | 6 10 | 11 0 |
| 87 11 19 | 10 30 | 1637 98 | 926 221 | 301 828 | 6 22 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 11 19 | 12 30 | 1638 28 | 926 408 | 301 889 | 6 20 | 11 0 |
| 87 11 19 | 14 30 | 1638 48 | 926 594 | 301 949 | 6 21 | 11 0 |
| 87 11 19 | 16 30 | 1638 38 | 926 772 | 302 007 | 6 05 | 11 0 |
| 87 11 19 | 18 30 | 1638 48 | 926 960 | 302 068 | 5 97 | 11 0 |
| 87 11 19 | 20 30 | 1638 38 | 927 148 | 302 130 | 5 98 | 11 0 |
| 87 11 19 | 22 30 | 1638 48 | 927 333 | 302 190 | 6 01 | 11 0 |
| 87 11 20 | 00 30 | 1638 48 | 927 521 | 302 251 | 5 97 | 11 0 |
| 87 11 20 | 02 30 | 1638 48 | 927 708 | 302 312 | 5 96 | 11 0 |
| 87 11 20 | 04 30 | 1638 48 | 927 898 | 302 374 | 5 99 | 11 0 |
| 87 11 20 | 06 30 | 1638 38 | 928 085 | 302 435 | 5 99 | 11 0 |
| 87 11 20 | 07 40 | 1643 48 | 928 189 | 302 469 | 5 99 | 11 0 |
| 87 11 21 | 08 30 | 1647 68 | 928 189 | 302 469 | 6 12 | 11 0 |
| 87 11 21 | 10 30 | 1633 38 | 928 516 | 302 576 | 6 12 | 11 0 |
| 87 11 21 | 12 30 | 1632 88 | 928 832 | 302 678 | 6 19 | 11 0 |
| 87 11 21 | 14 30 | 1632 48 | 929 167 | 302 788 | 6 29 | 11 0 |
| 87 11 21 | 16 30 | | 929 520 | 302 903 | 6 21 | 11 0 |
| 87 11 21 | 18 30 | | 929 881 | 303 020 | 6 09 | 11 0 |
| 87 11 21 | 20 30 | | 930 293 | 303 155 | 6 05 | 11 0 |
| 87 11 21 | 22 30 | | 930 449 | 303 205 | 6 19 | 11 0 |
| 87 11 22 | 00 30 | | 930 689 | 303 284 | 6 20 | 11 0 |
| 87 11 22 | 02 30 | | 930 863 | 303 340 | 6 15 | 11 0 |
| 87 11 22 | 06 18 | 1640 38 | 930 863 | 303 340 | 5 99 | 11 0 |
| 87 11 23 | 08 20 | 1638 98 | 931 271 | 303 473 | 5 83 | 11 0 |
| 87 11 23 | 10 20 | 1638 68 | 931 468 | 303 537 | 5 99 | 11 0 |
| 87 11 23 | 12 30 | 1638 48 | 931 678 | 303 606 | 5 98 | 11 0 |
| 87 11 23 | 14 30 | 1638 58 | 931 864 | 303 667 | 5 96 | 11 0 |
| 87 11 23 | 16 30 | 1638 48 | 932 053 | 303 728 | 6 00 | 11 0 |
| 87 11 23 | 18 30 | 1638 28 | 932 343 | 303 823 | 5 94 | 11 0 |
| 87 11 23 | 20 30 | 1633 58 | 932 631 | 303 916 | 6 01 | 11 0 |
| 87 11 23 | 22 30 | 1633 48 | 932 918 | 304 010 | 6 00 | 11 0 |
| 87 11 24 | 00 30 | 1633 48 | 933 212 | 304 106 | 5 91 | 11 0 |
| 87 11 24 | 02 30 | 1633 48 | 933 505 | 304 201 | 5 95 | 11 0 |
| 87 11 24 | 04 30 | 1635 78 | 933 788 | 304 293 | 6 00 | 11 0 |
| 87 11 24 | 06 30 | 1635 78 | 934 017 | 304 368 | 6 01 | 11 0 |
| 87 11 24 | 08 30 | 1635 88 | 934 255 | 304 446 | 6 02 | 11 0 |
| 87 11 24 | 10 30 | 1635 78 | 934 488 | 304 522 | 5 99 | 11 0 |
| 87 11 24 | 12 30 | | 934 702 | 304 591 | 6 18 | 11 0 |
| 87 11 24 | 14 30 | | 934 934 | 304 667 | 6 16 | 11 0 |
| 87 11 24 | 16 30 | | 935 152 | 304 738 | 6 19 | 11 0 |
| 87 11 24 | 18 30 | | 935 435 | 304 830 | 5 83 | 11 0 |
| 87 11 24 | 20 30 | | 935 736 | 304 928 | 5 92 | 11 0 |
| 87 11 24 | 22 30 | | 936 044 | 305 029 | 5 94 | 11 0 |
| 87 11 25 | 00 30 | | 936 350 | 305 128 | 6 00 | 11 0 |
| 87 11 25 | 02 30 | | 936 657 | 305 228 | 6 02 | 11 0 |
| 87 11 25 | 04 30 | | 936 962 | 305 328 | 5 97 | 11 0 |
| 87 11 25 | 06 30 | | 937 270 | 305 428 | 5 99 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 11 25 | 08 30 | 1632 68 | 937 578 | 305 529 | 6 00 | 11 0 |
| 87 11 25 | 10 30 | 1637 78 | 937 864 | 305 622 | 6 13 | 12 0 |
| 87 11 25 | 12 30 | 1637 88 | 938 052 | 305 683 | 6 13 | 12 0 |
| 87 11 25 | 14 30 | 1638 08 | 938 242 | 305 745 | 6 23 | 12 0 |
| 87 11 25 | 15 30 | 1637 88 | 938 328 | 305 773 | 6 12 | 12 0 |
| 87 11 30 | 08 10 | 1648 88 | 938 331 | 305 774 | 6 00 | 12 0 |
| 87 11 30 | 10 10 | 1633 48 | 938 765 | 305 915 | 6 04 | 12 0 |
| 87 11 30 | 10 40 | 1633 38 | 938 869 | 305 949 | 6 00 | 12 0 |
| 87 11 30 | 11 30 | 1648 48 | 938 869 | 305 949 | 5 98 | 12 0 |
| 87 11 30 | 13 30 | 1637 58 | 939 163 | 306 045 | 6 09 | 12 0 |
| 87 11 30 | 15 30 | 1638 08 | 939 363 | 306 110 | 6 07 | 12 0 |
| 87 11 30 | 17 30 | 1638 08 | 939 580 | 306 181 | 6 08 | 12 0 |
| 87 11 30 | 20 05 | 1635 48 | 939 900 | 306 285 | 6 24 | 12 0 |
| 87 11 30 | 21 30 | 1635 48 | 940 085 | 306 345 | 6 20 | 12 0 |
| 87 11 30 | 23 30 | 1635 38 | 940 349 | 306 432 | 6 03 | 12 0 |
| 87 12 01 | 01 30 | 1635 38 | 940 609 | 306 516 | 6 05 | 11 0 |
| 87 12 01 | 03 30 | 1635 18 | 940 870 | 306 601 | 6 02 | 11 0 |
| 87 12 01 | 05 30 | 1635 28 | 941 130 | 306 686 | 6 05 | 11 0 |
| 87 12 01 | 07 30 | 1635 48 | 941 395 | 306 772 | 6 17 | 11 0 |
| 87 12 01 | 09 30 | 1635 48 | 941 655 | 306 857 | 6 04 | 12 0 |
| 87 12 01 | 11 30 | 1638 38 | 941 879 | 306 930 | 6 19 | 12 0 |
| 87 12 01 | 13 30 | 1638 48 | 942 074 | 306 994 | 6 20 | 11 0 |
| 87 12 01 | 15 30 | 1638 48 | 942 264 | 307 056 | 6 20 | 11 0 |
| 87 12 01 | 17 30 | 1638 48 | 942 460 | 307 119 | 6 22 | 11 0 |
| 87 12 01 | 19 30 | 1638 58 | 942 659 | 307 184 | 6 24 | 11 0 |
| 87 12 01 | 21 30 | 1638 48 | 942 846 | 307 245 | 6 29 | 11 0 |
| 87 12 01 | 23 30 | 1638 58 | 943 043 | 307 309 | 6 27 | 9 0 |
| 87 12 02 | 01 30 | 1638 48 | 943 237 | 307 373 | 6 32 | 11 0 |
| 87 12 02 | 03 30 | 1638 48 | 943 433 | 307 437 | 6 29 | 11 0 |
| 87 12 02 | 05 30 | 1638 68 | 943 625 | 307 499 | 6 31 | 8 0 |
| 87 12 02 | 07 30 | 1638 68 | 943 816 | 307 561 | 6 30 | 11 0 |
| 87 12 02 | 09 30 | 1638 48 | 944 028 | 307 630 | 6 32 | 11 0 |
| 87 12 02 | 11 30 | 1637 58 | 944 209 | 307 689 | 6 26 | 11 0 |
| 87 12 02 | 13 30 | 1638 48 | 944 398 | 307 751 | 6 12 | 11 0 |
| 87 12 02 | 15 30 | 1638 58 | 944 591 | 307 814 | 6 43 | 11 0 |
| 87 12 02 | 17 30 | 1638 58 | 944 785 | 307 877 | 6 19 | 11 0 |
| 87 12 02 | 19 30 | 1638 68 | 944 975 | 307 939 | 6 34 | 11 0 |
| 87 12 02 | 21 30 | 1635 48 | 945 243 | 308 026 | 6 07 | 11 0 |
| 87 12 02 | 23 30 | 1635 48 | 945 511 | 308 114 | 6 13 | 11 0 |
| 87 12 03 | 01 30 | 1635 48 | 945 779 | 308 201 | 6 07 | 11 0 |
| 87 12 03 | 03 30 | 1635 38 | 946 034 | 308 284 | 6 08 | 11 0 |
| 87 12 03 | 05 30 | 1635 48 | 946 289 | 308 367 | 6 06 | 11 0 |
| 87 12 03 | 07 30 | 1635 38 | 946 563 | 308 456 | 5 97 | 11 0 |
| 87 12 03 | 09 30 | 1635 08 | 946 828 | 308 543 | 5 91 | 11 0 |
| 87 12 03 | 11 30 | 1638 88 | 947 032 | 308 609 | 6 09 | 12 0 |
| 87 12 03 | 13 30 | 1639 18 | 947 213 | 308 668 | 6 21 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 12 03 | 15 30 | 1639 28 | 947 393 | 308 727 | 5 13 | 11 0 |
| 87 12 03 | 17 30 | 1635 48 | 947 629 | 308 804 | 6 12 | 11 0 |
| 87 12 03 | 19 30 | 1635 48 | 947 890 | 308 889 | 5 93 | 11 0 |
| 87 12 03 | 21 30 | 1635 38 | 948 148 | 308 973 | 6 18 | 11 0 |
| 87 12 03 | 23 30 | 1632 18 | 948 418 | 309 061 | 6 23 | 11 0 |
| 87 12 04 | 01 30 | 1635 38 | 948 679 | 309 146 | 5 54 | 11 0 |
| 87 12 04 | 03 30 | 1635 48 | 948 938 | 309 230 | 5 94 | 11 0 |
| 87 12 04 | 05 30 | 1635 38 | 949 198 | 309 315 | 5 98 | 11 0 |
| 87 12 04 | 07 30 | 1635 18 | 949 456 | 309 399 | 6 00 | 11 0 |
| 87 12 04 | 09 30 | 1638 28 | 949 656 | 309 464 | 5 75 | 11 0 |
| 87 12 04 | 11 30 | 1637 58 | 949 922 | 309 551 | 5 90 | 11 0 |
| 87 12 04 | 13 30 | 1637 08 | 950 143 | 309 623 | 5 94 | 11 0 |
| 87 12 04 | 15 30 | 1637 38 | 950 395 | 309 705 | 5 84 | 11 0 |
| 87 12 04 | 17 30 | 1637 38 | 950 588 | 309 768 | 5 87 | 11 0 |
| 87 12 04 | 19 30 | 1635 18 | 950 840 | 309 850 | 5 88 | 11 0 |
| 87 12 04 | 21 30 | 1634 88 | 951 108 | 309 938 | 6 00 | 11 0 |
| 87 12 04 | 23 30 | 1634 88 | 951 381 | 310 027 | 6 01 | 11 0 |
| 87 12 05 | 01 30 | 1634 88 | 951 650 | 310 114 | 6 02 | 11 0 |
| 87 12 05 | 03 30 | 1634 88 | 951 925 | 310 204 | 6 06 | 11 0 |
| 87 12 05 | 05 30 | 1634 88 | 952 202 | 310 294 | 6 10 | 11 0 |
| 87 12 05 | 07 30 | 1634 78 | 952 468 | 310 381 | 6 13 | 11 0 |
| 87 12 05 | 07 45 | 1634 68 | 952 519 | 310 397 | 6 12 | 11 0 |
| 87 12 05 | 14 25 | 1644 18 | 952 519 | 310 397 | 6 02 | 11 0 |
| 87 12 05 | 16 25 | 1634 58 | 952 774 | 310 480 | 5 91 | 11 0 |
| 87 12 05 | 18 25 | 1639 08 | 952 971 | 310 545 | 5 89 | 11 0 |
| 87 12 05 | 20 25 | 1642 48 | 953 108 | 310 589 | 6 15 | 12 0 |
| 87 12 05 | 22 25 | 1636 08 | 953 304 | 310 653 | 6 22 | 11 0 |
| 87 12 06 | 00 25 | 1635 78 | 953 572 | 310 741 | 6 01 | 12 0 |
| 87 12 06 | 02 25 | 1635 48 | 953 839 | 310 828 | 6 09 | 12 0 |
| 87 12 06 | 04 25 | 1635 38 | 954 103 | 310 914 | 6 15 | 11 0 |
| 87 12 06 | 06 25 | 1635 48 | 954 371 | 311 001 | 6 19 | 11 0 |
| 87 12 06 | 08 25 | 1635 48 | 954 636 | 311 087 | 6 05 | 12 0 |
| 87 12 06 | 10 25 | 1635 48 | 954 901 | 311 174 | 5 94 | 11 0 |
| 87 12 06 | 12 25 | 1635 48 | 955 171 | 311 262 | 5 98 | 11 0 |
| 87 12 06 | 14 25 | 1635 48 | 955 434 | 311 347 | 6 00 | 11 0 |
| 87 12 06 | 16 30 | 1635 48 | 955 708 | 311 437 | 6 02 | 11 0 |
| 87 12 06 | 18 30 | 1635 48 | 955 970 | 311 522 | 5 90 | 11 0 |
| 87 12 06 | 20 30 | 1635 48 | 956 235 | 311 608 | 6 01 | 11 0 |
| 87 12 06 | 22 30 | 1635 48 | 956 495 | 311 693 | 5 98 | 11 0 |
| 87 12 07 | 00 30 | 1635 48 | 956 748 | 311 775 | 6 03 | 11 0 |
| 87 12 07 | 02 30 | 1635 48 | 957 010 | 311 861 | 6 09 | 11 0 |
| 87 12 07 | 04 30 | 1635 48 | 957 270 | 311 946 | 5 99 | 11 0 |
| 87 12 07 | 06 25 | 1635 48 | 957 530 | 312 030 | 6 19 | 11 0 |
| 87 12 07 | 08 25 | 1635 18 | 957 782 | 312 112 | 6 27 | 11 0 |
| 87 12 07 | 10 25 | 1638 48 | 957 972 | 312 174 | 6 34 | 11 0 |
| 87 12 07 | 12 25 | 1638 38 | 958 167 | 312 238 | 6 28 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 12 07 | 14 25 | 1638 18 | 958 357 | 312 300 | 6 12 | 11 0 |
| 87 12 07 | 16 25 | 1638 88 | 958 543 | 312 360 | 6 08 | 11 0 |
| 87 12 07 | 18 25 | 1635 78 | 958 798 | 312 444 | 5 98 | 11 0 |
| 87 12 07 | 20 25 | 1635 48 | 959 020 | 312 516 | 6 05 | 11 0 |
| 87 12 07 | 22 25 | 1635 48 | 959 345 | 312 622 | 6 25 | 11 0 |
| 87 12 08 | 00 25 | 1635 48 | 959 589 | 312 701 | 5 91 | 11 0 |
| 87 12 08 | 02 25 | 1635 38 | 959 853 | 312 787 | 6 00 | 11 0 |
| 87 12 08 | 04 25 | 1635 48 | 960 120 | 312 874 | 6 09 | 11 0 |
| 87 12 08 | 06 25 | 1635 48 | 960 381 | 312 959 | 6 00 | 11 0 |
| 87 12 08 | 08 25 | 1635 48 | 960 647 | 313 046 | 6 15 | 12 0 |
| 87 12 08 | 10 25 | 1635 48 | 960 915 | 313 133 | 6 11 | 12 0 |
| 87 12 08 | 12 25 | 1635 58 | 961 173 | 313 217 | 6 09 | 12 0 |
| 87 12 08 | 14 25 | 1635 48 | 961 440 | 313 304 | 6 08 | 11 0 |
| 87 12 08 | 16 30 | 1635 48 | 961 703 | 313 390 | 6 02 | 11 0 |
| 87 12 08 | 18 30 | 1635 48 | 961 981 | 313 481 | 5 96 | 11 0 |
| 87 12 08 | 20 30 | 1635 58 | 962 243 | 313 566 | 6 05 | 11 0 |
| 87 12 08 | 22 30 | 1635 48 | 962 521 | 313 657 | 6 08 | 11 0 |
| 87 12 09 | 00 30 | 1635 48 | 962 777 | 313 740 | 6 04 | 11 0 |
| 87 12 09 | 02 30 | 1635 38 | 963 028 | 313 822 | 6 11 | 11 0 |
| 87 12 09 | 04 30 | 1635 48 | 963 301 | 313 911 | 6 06 | 11 0 |
| 87 12 09 | 06 30 | 1635 38 | 963 567 | 313 998 | 6 09 | 11 0 |
| 87 12 09 | 08 30 | 1637 48 | 963 818 | 314 079 | 6 06 | 11 0 |
| 87 12 09 | 10 30 | 1635 08 | 964 027 | 314 147 | 6 10 | 11 0 |
| 87 12 09 | 12 30 | 1634 78 | 964 310 | 314 240 | 6 07 | 11 0 |
| 87 12 09 | 14 30 | 1634 48 | 964 587 | 314 330 | 6 20 | 11 0 |
| 87 12 09 | 16 30 | 1634 38 | 964 878 | 314 425 | 6 09 | 11 0 |
| 87 12 09 | 18 30 | 1634 48 | 965 174 | 314 521 | 5 87 | 11 0 |
| 87 12 09 | 20 30 | 1634 28 | 965 468 | 314 617 | 5 83 | 11 0 |
| 87 12 09 | 22 30 | 1634 48 | 965 748 | 314 708 | 5 91 | 11 0 |
| 87 12 10 | 00 30 | 1634 48 | 966 031 | 314 801 | 6 01 | 11 0 |
| 87 12 10 | 02 30 | 1634 48 | 966 315 | 314 893 | 6 07 | 11 0 |
| 87 12 10 | 04 30 | 1634 48 | 966 594 | 314 984 | 6 08 | 11 0 |
| 87 12 10 | 06 30 | 1634 48 | 966 879 | 315 077 | 6 05 | 11 0 |
| 87 12 10 | 08 30 | 1636 18 | 967 169 | 315 171 | 6 40 | 11 0 |
| 87 12 10 | 19 51 | 1647 78 | 967 169 | 315 171 | 5 83 | 11 0 |
| 87 12 10 | 21 45 | 1638 48 | 967 370 | 315 237 | 6 15 | 11 0 |
| 87 12 10 | 23 45 | 1638 28 | 967 579 | 315 305 | 5 82 | 11 0 |
| 87 12 11 | 01 45 | 1638 48 | 967 786 | 315 372 | 5 81 | 11 0 |
| 87 12 11 | 03 45 | 1638 38 | 967 994 | 315 440 | 5 80 | 11 0 |
| 87 12 11 | 05 45 | 1638 48 | 968 203 | 315 508 | 5 82 | 11 0 |
| 87 12 11 | 07 45 | 1638 38 | 968 409 | 315 575 | 5 95 | 11 0 |
| 87 12 11 | 09 45 | 1638 28 | 968 618 | 315 644 | 6 01 | 11 0 |
| 87 12 11 | 11 45 | 1638 18 | 968 821 | 315 710 | 6 11 | 11 0 |
| 87 12 11 | 13 45 | 1638 28 | 969 024 | 315 776 | 6 00 | 11 0 |
| 87 12 12 | 23 40 | 1647 48 | 969 025 | 315 776 | 6 01 | 11 0 |
| 87 12 13 | 01 40 | 1635 48 | 969 394 | 315 896 | 6 04 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 12 13 | 03 40 | 1635 38 | 969 660 | 315 983 | 6 10 | 11 0 |
| 87 12 13 | 05 40 | 1634 98 | 969 931 | 316 071 | 6 19 | 11 0 |
| 87 12 13 | 07 40 | 1635 08 | 970 204 | 316 160 | 6 20 | 11 0 |
| 87 12 13 | 09 40 | 1634 58 | 970 473 | 316 248 | 6 24 | 11 0 |
| 87 12 13 | 11 40 | 1635 48 | 970 732 | 316 332 | 6 15 | 11 0 |
| 87 12 13 | 13 40 | 1635 38 | 971 003 | 316 421 | 6 50 | 11 0 |
| 87 12 13 | 15 40 | 1638 88 | 971 297 | 316 517 | 5 84 | 11 0 |
| 87 12 13 | 17 40 | 1639 08 | 971 379 | 316 543 | 5 80 | 11 0 |
| 87 12 13 | 19 40 | 1638 98 | 971 565 | 316 604 | 5 85 | 11 0 |
| 87 12 13 | 21 40 | 1635 58 | 971 810 | 316 684 | 5 91 | 11 0 |
| 87 12 13 | 23 40 | 1635 48 | 972 070 | 316 768 | 5 99 | 11 0 |
| 87 12 14 | 01 40 | 1635 48 | 972 331 | 316 854 | 5 80 | 11 0 |
| 87 12 14 | 03 40 | 1635 48 | 972 588 | 316 937 | 5 81 | 11 0 |
| 87 12 14 | 05 40 | 1635 48 | 972 847 | 317 022 | 5 91 | 11 0 |
| 87 12 14 | 07 40 | 1635 48 | 973 096 | 317 103 | 5 98 | 11 0 |
| 87 12 14 | 09 40 | 1635 48 | 973 355 | 317 187 | 6 05 | 11 0 |
| 87 12 14 | 11 40 | 1635 48 | 973 547 | 317 250 | 6 00 | 11 0 |
| 87 12 14 | 13 40 | 1635 48 | 973 739 | 317 312 | 6 12 | 11 0 |
| 87 12 14 | 15 40 | 1639 08 | 973 914 | 317 369 | 5 98 | 11 0 |
| 87 12 14 | 17 45 | 1639 18 | 974 105 | 317 432 | 5 96 | 11 0 |
| 87 12 14 | 19 45 | 1639 18 | 974 277 | 317 488 | 6 05 | 11 0 |
| 87 12 14 | 21 45 | 1639 28 | 974 472 | 317 551 | 5 95 | 11 0 |
| 87 12 14 | 23 45 | 1638 98 | 974 663 | 317 613 | 5 99 | 11 0 |
| 87 12 15 | 01 45 | 1639 08 | 974 848 | 317 674 | 6 04 | 11 0 |
| 87 12 15 | 03 45 | 1639 08 | 975 026 | 317 732 | 6 05 | 11 0 |
| 87 12 15 | 05 45 | 1639 08 | 975 209 | 317 791 | 6 02 | 11 0 |
| 87 12 15 | 07 45 | 1639 28 | 975 394 | 317 852 | 6 08 | 11 0 |
| 87 12 15 | 09 45 | 1639 28 | 975 578 | 317 912 | 5 94 | 11 0 |
| 87 12 15 | 11 45 | 1639 28 | 975 761 | 317 971 | 6 01 | 11 0 |
| 87 12 15 | 13 45 | 1639 28 | 975 946 | 318 032 | 6 11 | 11 0 |
| 87 12 15 | 15 45 | 1639 28 | 976 126 | 318 090 | 6 02 | 11 0 |
| 87 12 15 | 17 45 | 1639 18 | 976 306 | 318 149 | 6 02 | 11 0 |
| 87 12 15 | 19 45 | 1639 28 | 976 495 | 318 210 | 5 99 | 11 0 |
| 87 12 15 | 21 45 | 1639 18 | 976 680 | 318 271 | 5 98 | 11 0 |
| 87 12 15 | 23 45 | 1639 08 | 976 871 | 318 333 | 6 00 | 11 0 |
| 87 12 16 | 01 45 | 1635 98 | 977 124 | 318 415 | 6 06 | 11 0 |
| 87 12 16 | 03 45 | 1635 88 | 977 374 | 318 497 | 6 02 | 11 0 |
| 87 12 16 | 05 45 | 1635 88 | 977 631 | 318 581 | 6 04 | 11 0 |
| 87 12 16 | 07 45 | 1635 78 | 977 871 | 318 659 | 6 09 | 11 0 |
| 87 12 16 | 08 10 | 1635 98 | 977 943 | 318 682 | 6 09 | 11 0 |
| 87 12 16 | 20 00 | | 977 943 | 318 682 | | |
| 87 12 16 | 21 00 | | 978 033 | 318 712 | | |
| 87 12 17 | 09 50 | 1648 08 | 978 033 | 318 712 | 6 03 | 11 0 |
| 87 12 17 | 11 50 | 1639 58 | 978 214 | 318 771 | 5 98 | 12 0 |
| 87 12 17 | 13 50 | 1639 48 | 978 401 | 318 832 | 5 96 | 12 0 |
| 87 12 17 | 15 50 | 1639 48 | 978 581 | 318 890 | 5 93 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 12 17 | 17 50 | 1639 38 | 978 768 | 318 951 | 5 93 | 12 0 |
| 87 12 17 | 19 50 | 1639 38 | 978 954 | 319 012 | 5 92 | 12 0 |
| 87 12 17 | 21 50 | 1639 28 | 979 147 | 319 075 | 5 95 | 12 0 |
| 87 12 17 | 23 50 | 1639 48 | 979 326 | 319 133 | 5 96 | 12 0 |
| 87 12 18 | 01 50 | 1639 58 | 979 510 | 319 193 | 5 94 | 12 0 |
| 87 12 18 | 03 50 | 1639 48 | 979 694 | 319 253 | 5 81 | 12 0 |
| 87 12 18 | 05 50 | 1639 58 | 979 878 | 319 313 | 5 91 | 12 0 |
| 87 12 18 | 07 50 | 1639 38 | 980 062 | 319 373 | 5 98 | 12 0 |
| 87 12 18 | 09 50 | 1639 28 | 980 242 | 319 431 | 6 00 | 12 0 |
| 87 12 18 | 11 50 | 1639 38 | 980 438 | 319 495 | 6 10 | 12 0 |
| 87 12 18 | 13 50 | 1639 38 | 980 621 | 319 555 | 6 08 | 12 0 |
| 87 12 18 | 15 50 | 1639 48 | 980 860 | 319 633 | 5 99 | 12 0 |
| 87 12 18 | 17 50 | 1639 38 | 980 991 | 319 676 | 6 08 | 12 0 |
| 87 12 18 | 19 50 | 1639 48 | 981 182 | 319 738 | 6 01 | 12 0 |
| 87 12 18 | 21 50 | 1639 48 | 981 368 | 319 798 | 5 92 | 12 0 |
| 87 12 18 | 23 50 | 1639 38 | 981 552 | 319 858 | 5 95 | 11 0 |
| 87 12 19 | 01 50 | 1639 38 | 981 736 | 319 918 | 5 95 | 11 0 |
| 87 12 19 | 03 50 | 1639 38 | 981 929 | 319 981 | 6 00 | 11 0 |
| 87 12 19 | 05 50 | 1639 48 | 982 117 | 320 042 | 6 01 | 11 0 |
| 87 12 19 | 07 50 | 1639 48 | 982 307 | 320 104 | | 12 0 |
| 87 12 19 | 09 30 | 1639 18 | 982 501 | 320 168 | 6 04 | 11 0 |
| 87 12 19 | 11 50 | 1639 28 | 982 691 | 320 230 | 6 04 | 11 0 |
| 87 12 19 | 13 50 | 1639 18 | 982 881 | 320 291 | 6 06 | 11 0 |
| 87 12 19 | 15 50 | 1639 38 | 983 094 | 320 361 | 6 05 | 11 0 |
| 87 12 19 | 17 50 | 1639 38 | 983 262 | 320 416 | 6 04 | 11 0 |
| 87 12 19 | 19 50 | 1639 18 | 983 452 | 320 478 | 6 08 | 11 0 |
| 87 12 19 | 21 50 | 1639 28 | 983 645 | 320 540 | 6 01 | 11 0 |
| 87 12 19 | 23 50 | 1639 28 | 983 842 | 320 605 | 6 07 | 11 0 |
| 87 12 20 | 01 50 | 1639 18 | 984 035 | 320 667 | 6 09 | 11 0 |
| 87 12 20 | 03 50 | 1635 68 | 984 248 | 320 737 | 5 98 | 11 0 |
| 87 12 20 | 05 50 | 1635 58 | 984 509 | 320 822 | 6 04 | 11 0 |
| 87 12 20 | 07 50 | 1635 58 | 984 780 | 320 910 | 6 02 | 11 0 |
| 87 12 20 | 09 50 | 1635 78 | 985 042 | 320 996 | 6 06 | 11 0 |
| 87 12 20 | 11 50 | 1636 48 | 985 316 | 321 085 | 6 01 | 11 0 |
| 87 12 20 | 13 50 | 1636 08 | 985 600 | 321 177 | 5 96 | 11 0 |
| 87 12 20 | 16 00 | 1635 48 | 985 866 | 321 264 | 6 16 | 11 0 |
| 87 12 20 | 18 00 | 1635 48 | 986 135 | 321 352 | 6 09 | 11 0 |
| 87 12 20 | 20 00 | 1635 48 | 986 405 | 321 440 | 6 05 | 11 0 |
| 87 12 20 | 22 00 | 1635 48 | 986 672 | 321 527 | 6 03 | 11 0 |
| 87 12 21 | 00 15 | 1635 48 | 986 979 | 321 627 | 5 93 | 11 0 |
| 87 12 21 | 02 15 | 1635 48 | 987 244 | 321 713 | 5 96 | 11 0 |
| 87 12 21 | 04 15 | 1635 48 | 987 509 | 321 800 | 5 91 | 11 0 |
| 87 12 21 | 06 15 | 1635 48 | 987 774 | 321 886 | 5 94 | 11 0 |
| 87 12 21 | 08 15 | 1634 48 | 988 014 | 321 964 | 5 90 | 11 0 |
| 87 12 21 | 09 45 | 1638 78 | 988 150 | 322 008 | 5 92 | 11 0 |
| 87 12 21 | 14 25 | 1637 88 | 988 150 | 322 008 | 5 92 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 12 21 | 16 30 | 1639 58 | 988 368 | 322 079 | 5 88 | 11 0 |
| 87 12 21 | 18 30 | 1639 78 | 988 549 | 322 138 | 5 88 | 11 0 |
| 87 12 21 | 20 30 | 1639 68 | 988 730 | 322 197 | 5 90 | 11 0 |
| 87 12 21 | 22 30 | 1639 68 | 988 912 | 322 257 | 5 96 | 11 0 |
| 87 12 22 | 00 30 | 1639 48 | 989 096 | 322 317 | 6 09 | 11 0 |
| 87 12 22 | 03 40 | 1637 98 | 989 096 | 322 317 | 6 00 | 11 0 |
| 87 12 22 | 05 40 | 1636 98 | 989 335 | 322 395 | 6 03 | 11 0 |
| 87 12 22 | 07 40 | 1638 58 | 989 573 | 322 472 | 5 97 | 12 0 |
| 87 12 22 | 09 40 | 1638 58 | 989 769 | 322 536 | 6 03 | 12 0 |
| 87 12 22 | 11 40 | 1638 48 | 989 969 | 322 601 | 6 06 | 11 0 |
| 87 12 22 | 13 40 | 1638 48 | 990 169 | 322 666 | 6 05 | 12 0 |
| 87 12 22 | 15 45 | 1638 68 | 990 371 | 322 732 | 6 06 | 11 0 |
| 87 12 22 | 17 45 | 1638 58 | 990 570 | 322 797 | 6 08 | 11 0 |
| 87 12 22 | 19 45 | 1638 68 | 990 766 | 322 861 | 6 09 | 11 0 |
| 87 12 22 | 21 45 | 1636 08 | 990 981 | 322 931 | 6 09 | 11 0 |
| 87 12 22 | 23 45 | 1635 28 | 991 251 | 323 019 | 5 93 | 11 0 |
| 87 12 23 | 01 45 | 1635 08 | 991 531 | 323 110 | 5 99 | 11 0 |
| 87 12 23 | 03 45 | 1634 88 | 991 801 | 323 198 | 5 98 | 11 0 |
| 87 12 23 | 05 45 | 1634 98 | 992 076 | 323 288 | 6 00 | 11 0 |
| 87 12 23 | 07 45 | 1638 38 | 992 335 | 323 372 | 5 97 | 12 0 |
| 87 12 23 | 09 45 | 1638 48 | 992 535 | 323 437 | 6 08 | 12 0 |
| 87 12 23 | 11 45 | 1639 48 | 992 736 | 323 503 | 6 09 | 12 0 |
| 87 12 23 | 13 45 | 1638 68 | 992 931 | 323 566 | | 12 0 |
| 87 12 28 | 11 25 | 1648 48 | 992 933 | 323 567 | 6 15 | 11 0 |
| 87 12 28 | 13 25 | 1639 78 | 993 123 | 323 629 | 6 26 | 11 0 |
| 87 12 28 | 15 25 | 1639 58 | 993 313 | 323 691 | 6 01 | 11 0 |
| 87 12 28 | 17 25 | 1639 48 | 993 502 | 323 752 | 6 00 | 11 0 |
| 87 12 28 | 19 25 | 1639 48 | 993 695 | 323 815 | 6 08 | 11 0 |
| 87 12 28 | 21 30 | 1639 48 | 993 892 | 323 880 | 6 04 | 11 0 |
| 87 12 28 | 23 45 | 1633 88 | 994 140 | 323 960 | 6 14 | 11 0 |
| 87 12 29 | 01 45 | 1634 18 | 994 432 | 324 056 | 6 09 | 11 0 |
| 87 12 29 | 03 45 | 1634 28 | 994 721 | 324 150 | 6 08 | 11 0 |
| 87 12 29 | 05 45 | 1634 18 | 995 023 | 324 248 | 6 09 | 11 0 |
| 87 12 29 | 07 45 | 1634 18 | 995 323 | 324 346 | 6 04 | 11 0 |
| 87 12 29 | 09 45 | 1633 88 | 995 649 | 324 452 | 6 00 | 11 0 |
| 87 12 29 | 11 45 | 1633 78 | 995 962 | 324 554 | 6 13 | 11 0 |
| 87 12 29 | 13 45 | 1633 78 | 996 261 | 324 652 | 6 04 | 11 0 |
| 87 12 29 | 15 45 | 1634 28 | 996 559 | 324 749 | 5 94 | 11 0 |
| 87 12 29 | 17 45 | 1634 28 | 996 856 | 324 845 | 5 94 | 11 0 |
| 87 12 29 | 19 45 | 1634 48 | 997 132 | 324 935 | 5 98 | 11 0 |
| 87 12 29 | 21 45 | 1634 08 | 997 457 | 325 041 | 5 92 | 11 0 |
| 87 12 29 | 23 45 | 1633 78 | 997 784 | 325 148 | 5 83 | 11 0 |
| 87 12 30 | 01 45 | 1633 88 | 998 192 | 325 281 | 5 98 | 11 0 |
| 87 12 30 | 03 45 | 1633 88 | 998 513 | 325 385 | 5 99 | 11 0 |
| 87 12 30 | 05 45 | 1633 88 | 998 881 | 325 505 | 5 97 | 11 0 |
| 87 12 30 | 07 45 | 1634 08 | 999 251 | 325 626 | 6 13 | 11 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 87 12 30 | 09 45 | 1633 88 | 999 615 | 325 745 | 6 07 | 11 0 |
| 87 12 30 | 11 45 | 1634 08 | 999 987 | 325 866 | 6 19 | 12 0 |
| 87 12 30 | 13 45 | 1634 08 | 1000 353 | 325 985 | 6 15 | 11 0 |
| 87 12 30 | 15 45 | 1638 48 | 1000 557 | 326 052 | 6 12 | 11 0 |
| 87 12 30 | 17 45 | 1638 58 | 1000 755 | 326 116 | 6 13 | 11 0 |
| 87 12 30 | 19 45 | 1638 48 | 1000 950 | 326 180 | 6 02 | 11 0 |
| 87 12 30 | 21 45 | 1638 68 | 1001 151 | 326 245 | 6 09 | 11 0 |
| 87 12 30 | 23 45 | 1634 48 | 1001 370 | 326 316 | 6 00 | 11 0 |
| 87 12 31 | 01 45 | 1634 18 | 1001 660 | 326 411 | 6 02 | 11 0 |
| 87 12 31 | 03 45 | 1634 28 | 1001 936 | 326 501 | 6 00 | 11 0 |
| 87 12 31 | 05 45 | 1634 28 | 1002 222 | 326 594 | 6 04 | 11 0 |
| 87 12 31 | 07 45 | 1638 18 | 1002 500 | 326 685 | 6 14 | 11 0 |
| 87 12 31 | 09 45 | 1638 48 | 1002 700 | 326 750 | 6 10 | 12 0 |
| 87 12 31 | 11 45 | 1638 38 | 1002 900 | 326 815 | 6 08 | 12 0 |
| 87 12 31 | 13 45 | 1638 48 | 1003 100 | 326 880 | 6 10 | 12 0 |
| 87 12 31 | 15 45 | 1638 48 | 1003 302 | 326 946 | 6 10 | 12 0 |
| 87 12 31 | 17 45 | 1638 48 | 1003 503 | 327 012 | 6 07 | 12 0 |
| 87 12 31 | 19 45 | 1638 48 | 1003 703 | 327 077 | 6 08 | 12 0 |
| 88 01 04 | 20 15 | 1648 88 | 1003 769 | 327 098 | 5 98 | 11 0 |
| 88 01 04 | 22 15 | 1635 88 | 1004 005 | 327 175 | 5 87 | 11 0 |
| 88 01 05 | 00 15 | 1635 48 | 1004 281 | 327 265 | 5 89 | 11 0 |
| 88 01 05 | 02 15 | 1635 34 | 1004 558 | 327 355 | 5 85 | 11 0 |
| 88 01 05 | 04 15 | 1635 38 | 1004 829 | 327 444 | 5 88 | 11 0 |
| 88 01 05 | 06 15 | 1635 34 | 1005 107 | 327 534 | 5 87 | 11 0 |
| 88 01 05 | 08 15 | 1634 86 | 1005 392 | 327 627 | 5 88 | 11 0 |
| 88 01 05 | 10 15 | 1634 67 | 1005 682 | 327 722 | 5 98 | 11 0 |
| 88 01 05 | 11 40 | 1634 73 | 1005 872 | 327 784 | 5 99 | 12 0 |
| 88 01 06 | 21 15 | 1648 71 | 1005 898 | 327 792 | 5 15 | 11 0 |
| 88 01 06 | 23 15 | 1639 26 | 1006 071 | 327 848 | 5 55 | 11 0 |
| 88 01 07 | 01 15 | 1638 63 | 1006 253 | 327 908 | 5 63 | 11 0 |
| 88 01 07 | 03 15 | 1638 46 | 1006 432 | 327 966 | 5 83 | 11 0 |
| 88 01 07 | 05 15 | 1638 51 | 1006 615 | 328 026 | 5 89 | 11 0 |
| 88 01 07 | 07 15 | 1638 71 | 1006 795 | 328 084 | 5 44 | 11 0 |
| 88 01 07 | 09 15 | 1629 71 | 1006 977 | 328 144 | 6 08 | 11 0 |
| 88 01 07 | 11 15 | 1629 76 | 1007 156 | 328 202 | 6 09 | 11 0 |
| 88 01 07 | 13 15 | 1629 80 | 1007 348 | 328 264 | 5 95 | 11 0 |
| 88 01 07 | 15 15 | 1640 05 | 1007 512 | 328 318 | 5 78 | 11 0 |
| 88 01 07 | 17 15 | 1639 88 | 1007 701 | 328 380 | 6 01 | 11 0 |
| 88 01 07 | 19 15 | 1639 88 | 1007 885 | 328 439 | 6 08 | 11 0 |
| 88 01 07 | 21 15 | 1639 98 | 1008 068 | 328 499 | 6 06 | 11 0 |
| 88 01 07 | 23 15 | 1639 88 | 1008 252 | 328 559 | 6 21 | 11 0 |
| 88 01 08 | 01 15 | 1639 96 | 1008 439 | 328 620 | 6 01 | 11 0 |
| 88 01 08 | 03 15 | 1639 84 | 1008 619 | 328 679 | 6 07 | 11 0 |
| 88 01 08 | 05 15 | 1639 96 | 1008 804 | 328 739 | 6 02 | 11 0 |
| 88 01 08 | 07 15 | 1639 78 | 1008 987 | 328 799 | 6 10 | 11 0 |
| 88 01 08 | 09 15 | 1639 92 | 1009 175 | 328 860 | 6 15 | 11 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 01 08 | 11 15 | 1640 34 | 1009 357 | 328 919 | 6 15 | 12 0 |
| 88 01 08 | 13 15 | 1639 84 | 1009 541 | 328 979 | 5 86 | 12 0 |
| 88 01 08 | 15 15 | 1639 88 | 1009 722 | 329 038 | 6 22 | 12 0 |
| 88 01 08 | 17 15 | 1639 88 | 1009 906 | 329 098 | 6 15 | 12 0 |
| 88 01 08 | 19 15 | 1635 55 | 1010 155 | 329 179 | 6 16 | 12 0 |
| 88 01 08 | 21 15 | 1635 21 | 1010 428 | 329 268 | 6 13 | 12 0 |
| 88 01 08 | 23 15 | 1634 96 | 1010 709 | 329 360 | 6 23 | 11 0 |
| 88 01 09 | 01 15 | 1635 05 | 1010 989 | 329 451 | 6 11 | 11 0 |
| 88 01 09 | 03 15 | 1634 92 | 1011 265 | 329 541 | 6 17 | 11 0 |
| 88 01 09 | 05 15 | 1634 96 | 1011 549 | 329 633 | 6 21 | 11 0 |
| 88 01 09 | 07 15 | 1635 05 | 1011 828 | 329 724 | 6 28 | 11 0 |
| 88 01 09 | 09 15 | 1635 15 | 1012 103 | 329 814 | 6 06 | 11 0 |
| 88 01 09 | 11 15 | 1634 59 | 1012 346 | 329 893 | 6 10 | 12 0 |
| 88 01 09 | 13 15 | 1635 71 | 1012 540 | 329 956 | 6 03 | 12 0 |
| 88 01 09 | 15 15 | 1639 09 | 1012 734 | 330 020 | 5 91 | 12 0 |
| 88 01 09 | 17 15 | 1635 30 | 1012 977 | 330 099 | 6 01 | 12 0 |
| 88 01 09 | 19 15 | 1635 13 | 1013 256 | 330 190 | 5 98 | 12 0 |
| 88 01 09 | 21 15 | 1635 13 | 1013 536 | 330 281 | 5 93 | 12 0 |
| 88 01 09 | 23 15 | 1635 17 | 1013 815 | 330 372 | 6 02 | 12 0 |
| 88 01 10 | 01 15 | 1635 05 | 1014 102 | 330 465 | 6 09 | 11 0 |
| 88 01 10 | 03 15 | 1635 21 | 1014 373 | 330 554 | 6 00 | 11 0 |
| 88 01 10 | 05 15 | 1635 05 | 1014 659 | 330 647 | 6 05 | 11 0 |
| 88 01 10 | 07 15 | 1635 09 | 1014 931 | 330 736 | 5 98 | 11 0 |
| 88 01 10 | 09 15 | 1635 21 | 1015 217 | 330 829 | 6 04 | 11 0 |
| 88 01 10 | 11 15 | 1635 38 | 1015 475 | 330 913 | 6 44 | 11 0 |
| 88 01 10 | 13 15 | 1634 38 | 1015 741 | 331 000 | 6 48 | 11 0 |
| 88 01 10 | 15 15 | 1635 80 | 1016 007 | 331 086 | 6 14 | 11 0 |
| 88 01 10 | 17 15 | 1635 80 | 1016 269 | 331 172 | 5 95 | 11 0 |
| 88 01 10 | 19 15 | 1635 88 | 1016 536 | 331 259 | 5 99 | 11 0 |
| 88 01 10 | 21 15 | 1635 88 | 1016 801 | 331 345 | 5 96 | 11 0 |
| 88 01 10 | 23 15 | 1635 80 | 1017 066 | 331 431 | 5 98 | 13 0 |
| 88 01 11 | 01 15 | | 1017 332 | 331 518 | 5 95 | 13 0 |
| 88 01 11 | 03 15 | | 1017 599 | 331 605 | 5 99 | 13 0 |
| 88 01 11 | 05 15 | | 1017 862 | 331 691 | 5 94 | 12 0 |
| 88 01 11 | 07 15 | | 1018 144 | 331 783 | 5 95 | 12 0 |
| 88 01 11 | 08 00 | | 1018 214 | 331 805 | 5 96 | 12 0 |
| 88 01 11 | 20 10 | 1648 71 | 1018 214 | 331 805 | 5 60 | 12 0 |
| 88 01 11 | 22 10 | 1638 26 | 1018 362 | 331 854 | 5 61 | 12 0 |
| 88 01 12 | 00 10 | 1638 26 | 1018 595 | 331 930 | 5 88 | 12 0 |
| 88 01 12 | 02 10 | 1638 26 | 1018 829 | 332 006 | 6 00 | 11 0 |
| 88 01 12 | 04 10 | 1638 26 | 1019 062 | 332 082 | 6 02 | 11 0 |
| 88 01 12 | 06 10 | 1638 26 | 1019 294 | 332 157 | 6 04 | 11 0 |
| 88 01 12 | 08 10 | 1636 38 | 1019 332 | 332 170 | 6 08 | 11 0 |
| 88 01 12 | 10 10 | 1636 26 | 1019 756 | 332 308 | 6 10 | 11 0 |
| 88 01 13 | 00 20 | 1648 46 | 1019 756 | 332 308 | 5 87 | 12 0 |
| 88 01 13 | 02 20 | 1637 55 | 1019 992 | 332 385 | 5 93 | 12 0 |

# Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 01 13 | 04 20 | 1637 46 | 1020 220 | 332 459 | 5 97 | 11 0 |
| 88 01 13 | 06 20 | 1637 38 | 1020 449 | 332 534 | 6 00 | 11 0 |
| 88 01 13 | 08 20 | 1638 88 | 1020 662 | 332 603 | 5 98 | 11 0 |
| 88 01 13 | 10 00 | 1638 80 | 1020 822 | 332 655 | | 11 0 |
| 88 01 13 | 13 00 | 1648 30 | 1020 822 | 332 655 | 6 25 | 11 0 |
| 88 01 13 | 15 30 | 1636 05 | 1021 074 | 332 737 | 6 17 | 11 0 |
| 88 01 13 | 17 30 | 1635 76 | 1021 338 | 332 823 | 6 15 | 11 0 |
| 88 01 13 | 19 30 | 1635 92 | 1021 603 | 332 910 | 6 12 | 11 0 |
| 88 01 13 | 21 30 | 1635 80 | 1021 864 | 332 995 | 6 16 | 11 0 |
| 88 01 13 | 23 30 | 1635 96 | 1022 133 | 333 082 | 6 27 | 11 0 |
| 88 01 14 | 01 30 | 1635 71 | 1022 389 | 333 166 | 6 09 | 11 0 |
| 88 01 14 | 03 30 | 1635 96 | 1022 649 | 333 251 | 6 10 | 11 0 |
| 88 01 14 | 05 30 | 1635 92 | 1022 912 | 333 336 | 6 07 | 11 0 |
| 88 01 14 | 07 30 | 1635 71 | 1023 173 | 333 421 | 6 05 | 11 0 |
| 88 01 14 | 09 30 | 1635 63 | 1023 432 | 333 506 | 6 09 | 11 0 |
| 88 01 14 | 11 30 | 1635 80 | 1023 696 | 333 592 | 6 11 | 11 0 |
| 88 01 14 | 13 30 | 1638 71 | 1023 911 | 333 662 | 6 02 | 11 0 |
| 88 01 14 | 15 30 | 1638 46 | 1024 116 | 333 729 | 6 10 | 11 0 |
| 88 01 14 | 17 30 | 1638 80 | 1024 319 | 333 795 | 5 99 | 12 0 |
| 88 01 14 | 19 30 | 1638 63 | 1024 520 | 333 860 | 6 00 | 12 0 |
| 88 01 14 | 21 30 | 1642 38 | 1024 687 | 333 915 | 5 97 | 12 0 |
| 88 01 14 | 23 30 | 1642 26 | 1024 808 | 333 954 | 5 85 | 11 0 |
| 88 01 15 | 01 30 | 1642 57 | 1024 928 | 333 993 | 5 92 | 11 0 |
| 88 01 15 | 03 30 | 1642 55 | 1025 048 | 334 032 | 5 75 | 11 0 |
| 88 01 15 | 05 30 | 1642 67 | 1025 169 | 334 072 | 5 98 | 11 0 |
| 88 01 15 | 07 30 | 1642 61 | 1025 292 | 334 112 | 6 01 | 11 0 |
| 88 01 15 | 07 50 | 1641 38 | 1025 316 | 334 120 | 6 00 | 11 0 |
| 88 01 15 | 19 45 | 1648 84 | 1025 316 | 334 120 | 6 08 | 11 0 |
| 88 01 15 | 21 45 | 1636 42 | 1025 558 | 334 199 | 6 31 | 12 0 |
| 88 01 15 | 23 45 | 1636 21 | 1025 827 | 334 286 | 5 94 | 11 0 |
| 88 01 16 | 01 45 | 1635 71 | 1026 099 | 334 375 | 5 96 | 11 0 |
| 88 01 16 | 03 45 | 1635 67 | 1026 375 | 334 465 | 6 00 | 11 0 |
| 88 01 16 | 05 45 | 1635 71 | 1026 645 | 334 553 | 5 99 | 11 0 |
| 88 01 16 | 07 45 | 1635 51 | 1026 925 | 334 644 | 6 00 | 11 0 |
| 88 01 16 | 09 45 | 1635 42 | 1027 195 | 334 732 | 6 26 | 11 0 |
| 88 01 16 | 11 45 | 1638 71 | 1027 410 | 334 802 | 6 27 | 11 0 |
| 88 01 16 | 13 30 | 1638 63 | 1027 597 | 334 863 | 6 24 | 11 0 |
| 88 01 16 | 17 30 | 1648 51 | 1027 597 | 334 863 | 6 07 | 11 0 |
| 88 01 16 | 19 30 | 1638 84 | 1027 804 | 334 930 | 6 14 | 11 0 |
| 88 01 16 | 21 30 | 1638 80 | 1028 017 | 335 000 | 6 21 | 11 0 |
| 88 01 16 | 23 30 | 1638 63 | 1028 228 | 335 069 | 6 27 | 12 0 |
| 88 01 17 | 01 30 | 1638 71 | 1028 440 | 335 138 | 6 00 | 12 0 |
| 88 01 17 | 03 30 | 1638 55 | 1028 649 | 335 206 | 6 11 | 12 0 |
| 88 01 17 | 05 30 | 1638 76 | 1028 871 | 335 278 | 6 23 | 12 0 |
| 88 01 17 | 07 30 | 1638 63 | 1029 070 | 335 343 | 6 22 | 12 0 |
| 88 01 17 | 09 30 | 1638 71 | 1029 281 | 335 412 | 6 20 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 01 17 | 11 30 | 1638 63 | 1029 484 | 335 478 | 6 02 | 11 0 |
| 88 01 17 | 13 30 | 1638 59 | 1029 692 | 335 546 | 6 00 | 11 0 |
| 88 01 17 | 15 30 | 1638 55 | 1029 906 | 335 615 | 6 01 | 11 0 |
| 88 01 17 | 17 30 | 1638 59 | 1030 118 | 335 685 | 6 02 | 11 0 |
| 88 01 17 | 19 30 | 1638 67 | 1030 329 | 335 753 | 5 99 | 11 0 |
| 88 01 17 | 21 30 | 1638 59 | 1030 540 | 335 822 | 6 00 | 11 0 |
| 88 01 17 | 23 30 | 1638 71 | 1030 754 | 335 892 | 6 35 | 11 0 |
| 88 01 18 | 01 30 | 1638 55 | 1030 964 | 335 960 | 6 17 | 12 0 |
| 88 01 18 | 03 30 | 1638 67 | 1031 174 | 336 029 | 6 25 | 12 0 |
| 88 01 18 | 05 30 | 1638 53 | 1031 385 | 336 097 | 6 21 | 12 0 |
| 88 01 18 | 07 30 | 1638 63 | 1031 599 | 336 167 | 6 20 | 12 0 |
| 88 01 18 | 09 30 | 1638 63 | 1031 817 | 336 238 | 6 22 | 12 0 |
| 88 01 18 | 11 30 | 1638 59 | 1032 004 | 336 299 | 6 21 | 12 0 |
| 88 01 18 | 13 30 | 1638 71 | 1032 222 | 336 370 | 6 17 | 12 0 |
| 88 01 18 | 15 45 | 1638 59 | 1032 462 | 336 448 | 6 04 | 12 0 |
| 88 01 18 | 17 45 | 1638 71 | 1032 672 | 336 517 | 6 15 | 12 0 |
| 88 01 18 | 19 45 | 1638 55 | 1032 884 | 336 586 | 6 35 | 12 0 |
| 88 01 18 | 21 45 | 1641 17 | 1033 049 | 336 640 | 6 02 | 12 0 |
| 88 01 18 | 23 45 | 1641 30 | 1033 180 | 336 682 | 6 11 | 12 0 |
| 88 01 19 | 01 45 | 1641 21 | 1033 280 | 336 715 | 6 20 | 12 0 |
| 88 01 19 | 03 45 | 1641 34 | 1033 515 | 336 792 | 6 21 | 11 0 |
| 88 01 19 | 05 45 | 1644 30 | 1033 669 | 336 842 | 6 18 | 11 0 |
| 88 01 20 | 21 15 | 1648 63 | 1033 796 | 336 883 | 6 11 | 11 0 |
| 88 01 20 | 23 30 | | 1033 982 | 336 944 | 6 15 | 11 0 |
| 88 01 21 | 01 30 | 1638 84 | 1034 181 | 337 009 | 6 23 | 11 0 |
| 88 01 21 | 03 30 | 1639 51 | 1034 370 | 337 070 | 6 19 | 11 0 |
| 88 01 21 | 05 30 | 1639 55 | 1034 564 | 337 133 | 6 17 | 11 0 |
| 88 01 21 | 07 30 | 1639 51 | 1034 756 | 337 196 | 6 15 | 11 0 |
| 88 01 21 | 09 30 | 1639 38 | 1034 953 | 337 260 | 6 10 | 11 0 |
| 88 01 21 | 11 30 | 1636 38 | 1035 163 | 337 329 | 6 91 | 11 0 |
| 88 01 21 | 13 30 | 1635 90 | 1035 455 | 337 424 | 6 91 | 11 0 |
| 88 01 21 | 15 30 | 1635 67 | 1035 697 | 337 503 | 6 24 | 11 0 |
| 88 01 21 | 17 30 | 1635 67 | 1035 965 | 337 590 | 6 22 | 11 0 |
| 88 01 21 | 19 30 | 1635 38 | 1036 241 | 337 680 | 6 02 | 11 0 |
| 88 01 21 | 21 30 | 1635 13 | 1036 514 | 337 769 | 6 15 | 11 0 |
| 88 01 21 | 23 30 | 1639 34 | 1036 772 | 337 853 | 6 25 | 10 0 |
| 88 01 22 | 01 30 | 1639 57 | 1036 909 | 337 898 | 6 20 | 10 0 |
| 88 01 22 | 03 30 | 1639 63 | 1037 096 | 337 958 | 5 91 | 10 0 |
| 88 01 22 | 05 30 | 1639 61 | 1037 282 | 338 019 | 5 98 | 10 0 |
| 88 01 22 | 07 30 | 1636 71 | 1037 480 | 338 084 | 5 96 | 11 0 |
| 88 01 22 | 09 30 | 1636 30 | 1037 740 | 338 168 | 6 28 | 11 0 |
| 88 01 22 | 11 30 | 1636 26 | 1038 000 | 338 253 | 6 24 | 11 0 |
| 88 01 22 | 13 10 | 1638 30 | 1038 213 | 338 322 | 6 24 | 11 0 |
| 88 01 22 | 16 27 | 1648 38 | 1038 213 | 338 322 | 6 06 | 11 0 |
| 88 01 22 | 18 30 | 1640 30 | 1038 420 | 338 390 | 6 24 | 11 0 |
| 88 01 22 | 20 30 | 1641 05 | 1038 601 | 338 449 | 6 12 | 11 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 01 22 | 22 30 | 1639 46 | 1038 601 | 338 449 | 6 08 | 11 0 |
| 88 01 23 | 00 30 | 1640 05 | 1038 792 | 338 511 | 6 06 | 11 0 |
| 88 01 23 | 02 30 | 1639 96 | 1038 964 | 338 567 | 5 89 | 11 0 |
| 88 01 23 | 04 30 | 1640 09 | 1039 146 | 338 627 | 6 10 | 11 0 |
| 88 01 23 | 06 30 | 1640 21 | 1039 326 | 338 685 | 6 09 | 11 0 |
| 88 01 23 | 08 30 | 1640 13 | 1039 507 | 338 744 | 6 16 | 11 0 |
| 88 01 23 | 10 30 | 1640 21 | 1039 690 | 338 804 | 6 10 | 11 0 |
| 88 01 23 | 12 30 | 1640 09 | 1039 870 | 338 862 | 6 24 | 11 0 |
| 88 01 24 | 10 30 | 1639 80 | 1040 052 | 338 922 | 6 20 | 11 0 |
| 88 01 24 | 12 30 | 1639 71 | 1040 052 | 338 922 | 6 16 | 11 0 |
| 88 01 24 | 13 30 | 1640 17 | 1040 313 | 339 007 | 6 24 | 11 0 |
| 88 01 25 | 17 40 | 1649 09 | 1040 424 | 339 043 | 5 94 | 11 0 |
| 88 01 25 | 19 45 | 1639 96 | 1040 426 | 339 044 | 6 22 | 11 0 |
| 88 01 25 | 21 45 | 1639 88 | 1040 635 | 339 112 | 6 19 | 11 0 |
| 88 01 25 | 23 45 | 1640 05 | 1040 816 | 339 171 | 6 04 | 11 0 |
| 88 01 26 | 01 45 | 1639 84 | 1041 020 | 339 237 | 6 11 | 11 0 |
| 88 01 26 | 03 45 | 1639 96 | 1041 217 | 339 301 | 6 05 | 11 0 |
| 88 01 26 | 05 45 | 1639 96 | 1041 402 | 339 362 | 6 03 | 11 0 |
| 88 01 26 | 07 45 | 1639 34 | 1041 598 | 339 426 | 5 64 | 12 0 |
| 88 01 26 | 09 45 | 1637 05 | 1041 998 | 339 556 | 5 71 | 12 0 |
| 88 01 26 | 11 45 | 1637 05 | 1042 045 | 339 571 | 5 75 | 12 0 |
| 88 01 26 | 13 45 | 1637 13 | 1042 271 | 339 645 | 6 03 | 12 0 |
| 88 01 26 | 15 45 | 1637 15 | 1042 535 | 339 731 | 5 94 | 12 0 |
| 88 01 26 | 17 45 | 1637 13 | 1042 777 | 339 810 | 5 88 | 12 0 |
| 88 01 26 | 19 45 | 1637 07 | 1043 020 | 339 889 | 5 87 | 12 0 |
| 88 01 26 | 21 45 | 1639 63 | 1043 266 | 339 969 | 5 89 | 12 0 |
| 88 01 26 | 23 45 | 1639 46 | 1043 465 | 340 034 | 5 68 | 12 0 |
| 88 01 27 | 01 45 | 1639 59 | 1043 652 | 340 095 | 5 84 | 12 0 |
| 88 01 27 | 03 45 | 1639 55 | 1043 845 | 340 158 | 5 94 | 11 0 |
| 88 01 27 | 05 45 | 1639 59 | 1044 038 | 340 221 | 5 99 | 11 0 |
| 88 01 27 | 07 45 | 1639 63 | 1044 320 | 340 313 | 5 96 | 11 0 |
| 88 01 27 | 09 30 | | 1044 410 | 340 342 | | 11 0 |
| 88 01 28 | 11 40 | 1649 09 | 1044 522 | 340 378 | 5 93 | 12 0 |
| 88 01 28 | 13 40 | 1646 71 | 1044 554 | 340 389 | 5 92 | 12 0 |
| 88 01 28 | 15 40 | 1636 55 | 1044 835 | 340 480 | 6 36 | 12 0 |
| 88 01 28 | 17 40 | 1636 13 | 1045 064 | 340 555 | 6 41 | 12 0 |
| 88 01 28 | 19 40 | 1636 09 | 1045 330 | 340 642 | 6 62 | 12 0 |
| 88 01 28 | 21 40 | 1635 88 | 1045 597 | 340 729 | 6 45 | 12 0 |
| 88 01 28 | 23 40 | 1635 96 | 1045 863 | 340 815 | 6 13 | 12 0 |
| 88 01 29 | 01 40 | 1639 09 | 1046 131 | 340 903 | 5 93 | 13 0 |
| 88 01 29 | 03 40 | 1639 13 | 1046 369 | 340 980 | 5 92 | 13 0 |
| 88 01 29 | 05 40 | 1639 19 | 1046 568 | 341 045 | 5 89 | 13 0 |
| 88 01 29 | 07 40 | 1639 09 | 1046 769 | 341 111 | 5 91 | 12 0 |
| 88 01 29 | 08 40 | 1639 13 | 1046 970 | 341 176 | 5 90 | 12 0 |
| 88 01 29 | 19 30 | 1649 05 | 1047 070 | 341 209 | 5 69 | 12 0 |
| 88 01 29 | 21 30 | 1639 71 | 1047 070 | 341 209 | 5 90 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 01 29 | 23 30 | 1641 67 | 1047 281 | 341 277 | 5 99 | 11 0 |
| 88 01 30 | 01 30 | 1641 84 | 1047 474 | 341 340 | 6 02 | 11 0 |
| 88 01 30 | 03 30 | 1641 80 | 1047 624 | 341 389 | 5 97 | 11 0 |
| 88 01 30 | 05 30 | 1641 88 | 1047 774 | 341 438 | 5 96 | 11 0 |
| 88 01 30 | 07 30 | 1641 71 | 1047 924 | 341 487 | 5 97 | 12 0 |
| 88 01 30 | 08 15 | 1641 80 | 1048 077 | 341 537 | 5 98 | 12 0 |
| 88 01 30 | 11 30 | 1648 80 | 1048 134 | 341 555 | 6 10 | 12 0 |
| 88 01 30 | 13 30 | 1641 30 | 1048 134 | 341 555 | 6 22 | 12 0 |
| 88 01 30 | 14 45 | 1641 09 | 1048 347 | 341 625 | 6 15 | 12 0 |
| 88 02 02 | 00 00 | 1649 23 | 1048 415 | 341 647 | 6 45 | |
| 88 02 03 | 00 30 | 1649 30 | 1048 415 | 341 647 | 5 91 | 12 0 |
| 88 02 03 | 01 17 | | 1048 484 | 341 669 | 6 49 | |
| 88 02 03 | 10 20 | 1649 30 | 1048 484 | 341 669 | 6 10 | 11 0 |
| 88 02 03 | 12 40 | 1637 88 | 1048 714 | 341 744 | 6 44 | 11 0 |
| 88 02 03 | 14 40 | 1637 71 | 1048 965 | 341 826 | | 11 0 |
| 88 02 03 | 16 40 | 1637 55 | 1049 213 | 341 907 | 6 36 | 12 0 |
| 88 02 03 | 18 40 | 1637 55 | 1049 456 | 341 986 | 6 37 | 12 0 |
| 88 02 03 | 20 40 | 1637 48 | 1049 705 | 342 067 | 5 23 | 12 0 |
| 88 02 03 | 22 40 | 1637 46 | 1049 945 | 342 146 | 5 20 | 12 0 |
| 88 02 04 | 00 40 | 1637 51 | 1050 193 | 342 226 | 6 07 | 12 0 |
| 88 02 04 | 02 40 | 1637 46 | 1050 437 | 342 306 | 6 31 | 12 0 |
| 88 02 04 | 04 40 | 1637 55 | 1050 678 | 342 384 | 6 07 | 12 0 |
| 88 02 04 | 06 40 | 1637 55 | 1050 920 | 342 463 | 6 06 | 12 0 |
| 88 02 04 | 08 40 | 1637 46 | 1051 160 | 342 542 | 6 09 | 12 0 |
| 88 02 04 | 10 15 | 1637 48 | 1051 345 | 342 602 | 6 10 | 12 0 |
| 88 02 04 | 11 50 | 1638 26 | 1051 345 | 342 602 | 6 14 | 12 0 |
| 88 02 04 | 13 50 | 1637 38 | 1051 588 | 342 681 | 6 18 | 12 0 |
| 88 02 04 | 15 50 | 1637 21 | 1051 837 | 342 762 | 5 98 | 12 0 |
| 88 02 04 | 17 45 | 1642 80 | 1052 042 | 342 829 | 5 87 | 12 0 |
| 88 02 04 | 19 45 | 1642 96 | 1052 157 | 342 866 | 5 87 | 12 0 |
| 88 02 04 | 21 45 | 1640 30 | 1052 300 | 342 913 | 5 92 | 12 0 |
| 88 02 04 | 23 45 | 1639 94 | 1052 482 | 342 972 | 5 89 | 12 0 |
| 88 02 05 | 01 45 | 1640 01 | 1052 668 | 343 033 | 5 90 | 12 0 |
| 88 02 05 | 03 45 | 1639 88 | 1052 855 | 343 094 | 5 95 | 12 0 |
| 88 02 05 | 05 45 | 1639 92 | 1053 043 | 343 155 | 5 93 | 12 0 |
| 88 02 05 | 11 05 | 1648 84 | 1053 043 | 343 155 | 5 75 | 12 0 |
| 88 02 05 | 13 05 | 1640 13 | 1053 234 | 343 217 | 6 15 | 12 0 |
| 88 02 05 | 15 15 | 1639 96 | 1053 431 | 343 282 | 5 86 | 12 0 |
| 88 02 05 | 17 15 | 1639 96 | 1053 618 | 343 342 | 6 24 | 12 0 |
| 88 02 05 | 19 15 | 1640 17 | 1053 814 | 343 406 | 5 95 | 12 0 |
| 88 02 05 | 21 15 | 1637 01 | 1054 030 | 343 477 | 6 04 | 12 0 |
| 88 02 05 | 23 15 | 1637 13 | 1054 278 | 343 558 | 5 98 | 11 0 |
| 88 02 06 | 01 15 | 1637 09 | 1054 522 | 343 637 | 5 90 | 11 0 |
| 88 02 06 | 03 15 | 1637 13 | 1054 770 | 343 718 | 5 91 | 11 0 |
| 88 02 06 | 05 15 | 1637 05 | 1055 008 | 343 795 | 5 94 | 11 0 |
| 88 02 06 | 07 15 | 1637 13 | 1055 275 | 343 882 | 5 24 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 02 06 | 09 15 | 1637 26 | 1055 510 | 343 959 | 5 55 | 11 0 |
| 88 02 06 | 11 15 | 1637 30 | 1055 745 | 344 036 | 6 09 | 12 0 |
| 88 02 06 | 13 15 | 1637 21 | 1055 999 | 344 118 | 6 08 | 12 0 |
| 88 02 06 | 15 15 | 1637 34 | 1056 239 | 344 197 | 6 08 | 12 0 |
| 88 02 06 | 17 15 | 1637 21 | 1056 484 | 344 276 | 6 05 | 12 0 |
| 88 02 06 | 19 15 | 1636 76 | 1056 748 | 344 362 | 6 05 | 12 0 |
| 88 02 06 | 21 15 | 1637 42 | 1056 978 | 344 437 | 6 10 | 12 0 |
| 88 02 06 | 23 15 | 1637 26 | 1057 220 | 344 516 | 6 15 | 12 0 |
| 88 02 07 | 01 15 | 1637 21 | 1057 468 | 344 597 | 6 00 | 12 0 |
| 88 02 07 | 02 10 | | 1057 543 | 344 622 | | |
| 88 02 07 | 04 10 | 1636 80 | 1057 790 | 344 702 | 6 09 | 12 0 |
| 88 02 07 | 06 10 | 1636 88 | 1058 045 | 344 785 | 6 23 | 12 0 |
| 88 02 07 | 08 10 | 1636 80 | 1058 303 | 344 869 | 6 20 | 12 0 |
| 88 02 07 | 10 10 | 1636 63 | 1058 553 | 344 951 | 6 14 | 12 0 |
| 88 02 07 | 12 10 | 1639 88 | 1058 747 | 345 014 | 6 19 | 12 0 |
| 88 02 07 | 14 10 | 1640 05 | 1058 939 | 345 076 | 6 10 | 12 0 |
| 88 02 07 | 16 30 | 1643 21 | 1059 125 | 345 137 | 5 97 | 12 0 |
| 88 02 07 | 18 30 | 1643 38 | 1059 237 | 345 174 | 6 00 | 12 0 |
| 88 02 07 | 20 30 | 1643 30 | 1059 350 | 345 210 | 6 10 | 12 0 |
| 88 02 07 | 22 30 | 1643 51 | 1059 461 | 345 247 | 5 87 | 12 0 |
| 88 02 08 | 00 30 | 1640 26 | 1059 604 | 345 293 | 5 98 | 13 0 |
| 88 02 08 | 02 15 | | 1059 781 | 345 351 | | |
| 88 02 08 | 09 20 | 1640 88 | 1059 781 | 345 351 | 5 87 | 12 0 |
| 88 02 08 | 11 20 | 1640 80 | 1059 960 | 345 409 | 6 27 | 12 0 |
| 88 02 08 | 11 55 | 1641 21 | 1060 005 | 345 424 | 6 21 | 12 0 |
| 88 02 08 | 19 35 | 1649 05 | 1060 005 | 345 424 | 6 00 | 12 0 |
| 88 02 08 | 21 35 | 1640 38 | 1060 199 | 345 487 | 6 02 | 12 0 |
| 88 02 08 | 23 35 | 1640 09 | 1060 388 | 345 549 | 6 11 | 12 0 |
| 88 02 09 | 01 35 | 1640 01 | 1060 577 | 345 610 | 6 02 | 12 0 |
| 88 02 09 | 05 35 | 1639 92 | 1060 954 | 345 733 | 6 04 | 12 0 |
| 88 02 09 | 07 35 | 1640 05 | 1061 143 | 345 795 | 6 16 | 12 0 |
| 88 02 09 | 08 50 | 1641 96 | 1061 261 | 345 833 | 6 12 | 12 0 |
| 88 02 09 | 16 45 | 1649 13 | 1061 262 | 345 833 | 5 99 | 12 0 |
| 88 02 09 | 18 45 | 1637 84 | 1061 488 | 345 907 | 6 52 | 12 0 |
| 88 02 09 | 20 45 | 1637 71 | 1061 933 | 346 052 | 6 25 | 12 0 |
| 88 02 09 | 22 45 | 1637 42 | 1061 975 | 346 066 | 6 37 | 12 0 |
| 88 02 10 | 00 45 | 1637 63 | 1062 219 | 346 145 | 6 01 | 12 0 |
| 88 02 10 | 02 45 | 1637 55 | 1062 465 | 346 225 | 6 23 | 12 0 |
| 88 02 10 | 03 57 | | 1062 567 | 346 259 | 6 30 | 11 0 |
| 88 02 11 | 11 30 | | 1062 567 | 346 259 | 6 47 | 12 0 |
| 88 02 11 | 14 30 | | | | 6 58 | |
| 88 02 13 | 09 35 | | | | 7 29 | |
| 88 02 13 | 15 50 | 1648 71 | | | 6 06 | 12 0 |
| 88 02 13 | 16 50 | 1635 71 | 1062 738 | 346 314 | 6 06 | 12 0 |
| 88 02 13 | 18 50 | 1635 30 | 1063 073 | 346 424 | 6 12 | 12 0 |
| 88 02 13 | 20 50 | 1635 21 | 1063 404 | 346 531 | 6 13 | 12 0 |

# Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 02 13 | 22 50 | 1635 05 | 1063 745 | 346 643 | 6 14 | 12 0 |
| 88 02 14 | 00 50 | 1637 88 | 1064 023 | 346 733 | 6 21 | 12 0 |
| 88 02 14 | 02 50 | 1637 96 | 1064 262 | 346 811 | 6 05 | 12 0 |
| 88 02 14 | 04 50 | 1637 84 | 1064 504 | 346 890 | 6 11 | 12 0 |
| 88 02 14 | 06 50 | 1642 46 | 1064 681 | 346 948 | 6 27 | 12 0 |
| 88 02 14 | 08 50 | 1642 05 | 1064 820 | 346 993 | 6 31 | 12 0 |
| 88 02 15 | 10 20 | | 1064 820 | 346 993 | 6 36 | |
| 88 02 15 | 19 15 | 1649 63 | 1064 820 | 346 993 | 5 68 | 12 0 |
| 88 02 15 | 21 00 | 1635 13 | 1065 110 | 347 087 | 5 96 | 12 0 |
| 88 02 15 | 22 30 | 1636 30 | 1065 350 | 347 166 | 5 95 | 13 0 |
| 88 02 15 | 23 41 | | 1065 500 | 347 214 | 5 99 | 12 0 |
| 88 02 16 | 03 22 | 1649 48 | 1065 500 | 347 214 | 6 07 | 12 0 |
| 88 02 16 | 04 34 | 1637 05 | 1065 650 | 347 263 | 5 96 | 12 0 |
| 88 02 25 | 20 45 | 1650 01 | 1065 659 | 347 266 | 5 92 | 11 0 |
| 88 02 25 | 22 45 | 1635 63 | 1065 883 | 347 339 | 6 27 | 11 0 |
| 88 02 26 | 00 45 | 1635 21 | 1066 251 | 347 459 | 5 90 | 12 0 |
| 88 02 26 | 02 45 | 1635 13 | 1066 610 | 347 576 | 6 03 | 12 0 |
| 88 02 26 | 04 45 | 1635 13 | 1066 960 | 347 690 | 5 98 | 12 0 |
| 88 02 26 | 06 45 | 1635 09 | 1067 317 | 347 807 | 6 08 | 12 0 |
| 88 02 26 | 07 30 | 1634 98 | 1067 447 | 347 849 | 6 15 | 12 0 |
| 88 02 27 | 05 16 | 1636 88 | 1067 562 | 347 886 | 6 10 | 12 0 |
| 88 02 27 | 07 16 | 1636 55 | 1067 921 | 348 003 | 6 11 | 12 0 |
| 88 02 27 | 09 15 | 1636 36 | 1068 208 | 348 097 | 6 00 | 12 0 |
| 88 02 27 | 11 15 | 1636 21 | 1068 498 | 348 191 | 6 15 | 12 0 |
| 88 02 27 | 13 15 | 1636 30 | 1068 814 | 348 294 | 6 24 | 12 0 |
| 88 02 27 | 15 15 | 1636 30 | 1069 054 | 348 373 | 6 27 | 12 0 |
| 88 02 27 | 17 15 | 1636 17 | 1069 335 | 348 464 | 6 24 | 12 0 |
| 88 02 27 | 19 15 | 1636 21 | 1069 620 | 348 557 | 6 16 | 12 0 |
| 88 02 27 | 21 15 | 1636 05 | 1069 907 | 348 651 | 5 89 | 12 0 |
| 88 02 27 | 23 15 | 1636 13 | 1070 192 | 348 743 | 6 01 | 12 0 |
| 88 02 28 | 01 15 | 1636 17 | 1070 472 | 348 835 | 6 11 | 12 0 |
| 88 02 28 | 03 15 | 1636 09 | 1070 756 | 348 927 | 6 24 | 12 0 |
| 88 02 28 | 05 15 | 1636 17 | 1071 040 | 349 020 | 6 31 | 12 0 |
| 88 02 28 | 07 15 | 1636 01 | 1071 323 | 349 112 | 6 24 | 12 0 |
| 88 02 28 | 09 15 | 1636 21 | 1071 602 | 349 203 | 6 30 | 12 0 |
| 88 02 28 | 11 15 | 1636 09 | 1071 885 | 349 295 | 6 28 | 12 0 |
| 88 02 28 | 18 55 | 1649 46 | 1071 885 | 349 295 | 6 32 | 12 0 |
| 88 02 28 | 21 15 | 1636 05 | 1072 227 | 349 407 | 6 17 | 13 0 |
| 88 02 28 | 23 15 | 1635 96 | 1072 527 | 349 504 | 6 29 | 13 0 |
| 88 02 29 | 01 15 | 1635 76 | 1072 827 | 349 602 | 6 28 | 13 0 |
| 88 02 29 | 03 15 | 1635 76 | 1073 100 | 349 691 | 6 15 | 13 0 |
| 88 02 29 | 05 15 | | 1073 391 | 349 786 | 6 18 | 13 0 |
| 88 02 29 | 07 15 | 1635 84 | 1073 671 | 349 877 | 6 20 | 13 0 |
| 88 02 29 | 09 15 | 1639 63 | 1073 941 | 349 965 | 6 19 | 12 0 |
| 88 02 29 | 11 15 | 1639 59 | 1074 161 | 350 037 | 6 14 | 12 0 |
| 88 02 29 | 13 15 | 1640 05 | 1074 348 | 350 098 | 6 18 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 02 29 | 15 15 | | 1074 549 | 350 163 | 6 50 | 12 0 |
| 88 02 29 | 17 15 | 1640 05 | 1074 752 | 350 229 | 6 52 | 12 0 |
| 88 02 29 | 19 15 | 1640 09 | 1074 973 | 350 301 | 5 85 | 12 0 |
| 88 02 29 | 21 15 | 1640 05 | 1075 159 | 350 362 | 5 86 | 12 0 |
| 88 02 29 | 23 15 | 1640 05 | 1075 369 | 350 430 | 5 95 | 12 0 |
| 88 03 01 | 01 15 | 1634 63 | 1075 659 | 350 525 | 6 07 | 12 0 |
| 88 03 01 | 03 15 | 1634 46 | 1076 021 | 350 643 | 6 21 | 12 0 |
| 88 03 01 | 05 15 | 1634 55 | 1076 391 | 350 764 | 6 11 | 12 0 |
| 88 03 01 | 07 15 | 1634 42 | 1076 748 | 350 880 | 5 90 | 12 0 |
| 88 03 01 | 09 15 | 1635 11 | 1077 089 | 350 991 | 5 32 | 12 0 |
| 88 03 01 | 11 15 | 1634 46 | 1077 452 | 351 109 | 6 46 | 12 0 |
| 88 03 01 | 12 15 | | 1077 631 | 351 168 | | |
| 88 03 01 | 14 00 | 1636 96 | 1077 631 | 351 168 | 6 24 | 12 0 |
| 88 03 01 | 16 00 | 1634 23 | 1078 012 | 351 292 | 6 08 | 12 5 |
| 88 03 01 | 18 00 | 1604 26 | 1078 372 | 351 409 | 6 20 | 12 5 |
| 88 03 15 | 03 57 | 1650 30 | 1078 424 | 351 426 | 6 02 | 12 0 |
| 88 03 15 | 05 57 | 1635 21 | 1078 870 | 351 571 | 6 06 | 12 0 |
| 88 03 15 | 09 57 | 1635 05 | 1079 242 | 351 693 | 6 10 | 12 0 |
| 88 03 15 | 11 57 | 1634 88 | 1079 600 | 351 809 | 6 17 | 12 0 |
| 88 03 15 | 12 00 | 1634 88 | 1079 946 | 351 922 | 5 81 | 12 0 |
| 88 03 15 | 15 45 | 1649 71 | 1080 200 | 352 005 | 6 16 | 12 0 |
| 88 03 15 | 17 45 | 1639 71 | 1080 208 | 352 007 | 6 22 | 12 0 |
| 88 03 15 | 19 45 | 1644 09 | 1080 450 | 352 086 | 6 17 | 12 0 |
| 88 03 15 | 21 45 | 1644 30 | 1080 583 | 352 130 | 6 16 | 12 0 |
| 88 03 15 | 23 45 | 1644 30 | 1080 871 | 352 223 | 6 21 | 12 0 |
| 88 03 16 | 01 45 | 1644 21 | 1080 941 | 352 246 | 6 23 | 12 0 |
| 88 03 16 | 03 45 | 1644 21 | 1081 159 | 352 317 | 6 15 | 12 0 |
| 88 03 16 | 05 45 | 1644 19 | 1081 387 | 352 392 | 6 12 | 12 0 |
| 88 03 16 | 07 45 | 1644 21 | 1081 594 | 352 459 | 6 10 | 12 0 |
| 88 03 16 | 09 45 | 1644 09 | 1081 828 | 352 535 | 6 49 | 12 0 |
| 88 03 16 | 11 45 | 1644 05 | 1082 050 | 352 608 | 6 33 | 12 0 |
| 88 03 16 | 13 45 | 1644 01 | 1082 273 | 352 680 | 6 27 | 12 0 |
| 88 03 16 | 15 45 | 1639 51 | 1082 496 | 352 753 | 5 78 | 12 0 |
| 88 03 16 | 17 45 | 1639 21 | 1082 717 | 352 825 | 5 70 | 12 0 |
| 88 03 16 | 19 45 | 1639 38 | 1082 950 | 352 901 | 5 79 | 12 0 |
| 88 03 16 | 21 45 | 1639 38 | 1083 165 | 352 971 | 5 93 | 12 0 |
| 88 03 16 | 23 45 | 1639 26 | 1083 386 | 353 043 | 6 00 | 12 0 |
| 88 03 17 | 01 45 | 1639 26 | 1083 605 | 353 114 | 6 04 | 12 0 |
| 88 03 17 | 03 45 | 1638 80 | 1083 826 | 353 186 | 5 80 | 12 0 |
| 88 03 17 | 05 45 | 1639 30 | 1084 047 | 353 258 | 5 94 | 12 0 |
| 88 03 17 | 07 45 | 1639 26 | 1084 259 | 353 327 | 5 92 | 12 0 |
| 88 03 17 | 09 45 | 1639 30 | 1084 489 | 353 402 | 6 40 | 12 0 |
| 88 03 17 | 11 40 | 1639 30 | 1084 711 | 353 475 | 6 48 | 12 0 |
| 88 03 17 | 13 40 | 1639 30 | 1084 930 | 353 546 | 6 40 | 12 0 |
| 88 03 17 | 16 00 | 1640 96 | 1085 165 | 353 623 | 6 15 | 12 0 |
| 88 03 17 | 18 00 | 1640 92 | 1085 354 | 353 684 | 6 11 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 03 17 | 20 00 | 1640 96 | 1085 540 | 353 745 | 6 14 | 12 0 |
| 88 03 17 | 22 00 | 1640 88 | 1085 727 | 353 806 | 6 30 | 12 0 |
| 88 03 17 | 23 45 | 1635 63 | 1085 934 | 353 873 | 6 11 | 12 0 |
| 88 03 18 | 01 45 | 1635 32 | 1086 241 | 353 973 | 6 23 | 12 0 |
| 88 03 18 | 03 45 | 1635 30 | 1086 547 | 354 073 | 6 18 | 12 0 |
| 88 03 18 | 05 45 | 1635 30 | 1086 856 | 354 174 | 6 20 | 12 0 |
| 88 03 18 | 07 45 | 1635 38 | 1087 181 | 354 280 | 6 24 | 12 0 |
| 88 03 18 | 09 45 | 1635 30 | 1087 452 | 354 368 | 6 27 | 12 0 |
| 88 03 18 | 21 20 | 1649 84 | 1087 452 | 354 368 | 5 92 | 12 0 |
| 88 03 18 | 23 20 | 1638 21 | 1087 727 | 354 458 | 6 04 | 12 0 |
| 88 03 19 | 01 20 | 1637 96 | 1087 981 | 354 540 | 6 00 | 12 0 |
| 88 03 19 | 03 20 | 1638 01 | 1088 235 | 354 623 | 6 02 | 12 0 |
| 88 03 19 | 05 20 | 1637 96 | 1088 491 | 354 707 | 6 02 | 12 0 |
| 88 03 19 | 07 20 | 1637 90 | 1088 754 | 354 792 | 5 94 | 12 0 |
| 88 03 19 | 09 20 | 1637 73 | 1089 007 | 354 875 | 6 01 | 12 0 |
| 88 03 19 | 11 20 | 1638 88 | 1089 258 | 354 957 | 6 18 | 12 0 |
| 88 03 19 | 13 20 | 1637 76 | 1089 506 | 355 037 | 6 07 | 12 0 |
| 88 03 19 | 15 15 | 1637 84 | 1089 741 | 355 114 | 6 37 | 12 0 |
| 88 03 19 | 17 15 | 1637 71 | 1089 996 | 355 197 | 6 32 | 12 0 |
| 88 03 19 | 19 15 | 1637 80 | 1090 268 | 355 286 | 6 23 | 12 0 |
| 88 03 19 | 21 15 | 1637 76 | 1090 499 | 355 361 | 6 15 | 12 0 |
| 88 03 19 | 23 15 | 1637 80 | 1090 761 | 355 446 | 6 04 | 12 0 |
| 88 03 20 | 01 15 | 1637 76 | 1091 009 | 355 527 | 6 11 | 12 0 |
| 88 03 20 | 03 15 | 1637 67 | 1091 263 | 355 610 | 6 21 | 12 0 |
| 88 03 20 | 05 15 | 1637 76 | 1091 515 | 355 692 | 6 36 | 12 0 |
| 88 03 20 | 07 15 | 1637 80 | 1091 761 | 355 772 | 6 32 | 12 0 |
| 88 03 20 | 09 15 | 1638 13 | 1092 026 | 355 859 | 6 39 | 12 0 |
| 88 03 20 | 11 15 | 1637 76 | 1092 299 | 355 947 | 6 20 | 12 0 |
| 88 03 20 | 13 15 | 1637 63 | 1092 510 | 356 016 | 6 44 | 12 0 |
| 88 03 20 | 15 15 | 1637 80 | 1092 767 | 356 100 | 6 25 | 12 0 |
| 88 03 20 | 17 15 | 1637 63 | 1093 017 | 356 181 | 6 21 | 12 0 |
| 88 03 20 | 19 15 | 1637 67 | 1093 268 | 356 263 | 6 16 | 12 0 |
| 88 03 20 | 21 15 | 1637 71 | 1093 520 | 356 345 | 6 19 | 12 0 |
| 88 03 20 | 23 15 | 1637 63 | 1093 774 | 356 428 | 6 26 | 12 0 |
| 88 03 21 | 00 00 | 1637 80 | 1094 022 | 356 509 | 6 60 | 12 0 |
| 88 03 21 | 01 15 | 1637 69 | 1094 274 | 356 591 | 6 18 | 12 0 |
| 88 03 21 | 03 15 | 1637 59 | 1094 527 | 356 674 | 6 21 | 12 0 |
| 88 03 21 | 05 15 | 1637 67 | 1094 584 | 356 692 | 6 26 | 12 0 |
| 88 03 21 | 07 15 | 1637 71 | 1095 025 | 356 836 | 6 24 | 12 0 |
| 88 03 21 | 09 15 | 1637 59 | 1095 275 | 356 917 | 6 09 | 12 0 |
| 88 03 21 | 11 15 | 1637 71 | 1095 275 | 356 917 | 6 13 | 12 0 |
| 88 03 21 | 13 15 | 1637 65 | 1095 530 | 357 000 | 6 27 | 12 0 |
| 88 03 21 | 16 00 | 1637 63 | 1095 873 | 357 112 | 6 05 | 12 0 |
| 88 03 21 | 18 00 | 1637 80 | 1096 123 | 357 194 | 6 10 | 12 0 |
| 88 03 21 | 20 00 | 1637 63 | 1096 380 | 357 277 | 6 27 | 12 0 |
| 88 03 21 | 22 00 | 1637 67 | 1096 627 | 357 358 | | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 03 22 | 02 00 | 1637 71 | 1097 127 | 357 521 | 5 85 | 12 0 |
| 88 03 22 | 04 00 | 1637 80 | 1097 368 | 357 599 | 6 08 | 12 0 |
| 88 03 22 | 06 00 | 1637 80 | 1097 622 | 357 682 | 6 10 | 12 0 |
| 88 03 22 | 08 00 | 1637 80 | 1097 878 | 357 766 | 5 92 | 12 0 |
| 88 03 22 | 10 00 | 1637 96 | 1098 123 | 357 845 | 5 96 | 12 0 |
| 88 03 22 | 12 00 | 1637 76 | 1098 376 | 357 928 | 5 90 | 12 0 |
| 88 03 22 | 14 00 | 1637 59 | 1098 617 | 358 006 | 5 92 | 12 0 |
| 88 03 22 | 16 00 | 1637 80 | 1098 868 | 358 088 | 6 14 | 12 0 |
| 88 03 22 | 18 00 | 1637 80 | 1099 116 | 358 169 | 6 13 | 12 0 |
| 88 03 22 | 20 00 | 1638 05 | 1099 365 | 358 250 | 6 09 | 12 0 |
| 88 03 22 | 22 00 | 1638 30 | 1099 599 | 358 326 | 6 16 | 12 0 |
| 88 03 23 | 00 15 | 1638 26 | 1099 868 | 358 414 | 6 16 | 12 0 |
| 88 03 23 | 02 15 | 1638 13 | 1100 106 | 358 492 | 6 25 | 12 0 |
| 88 03 23 | 04 15 | 1638 13 | 1100 335 | 358 566 | 6 20 | 12 0 |
| 88 03 23 | 06 15 | 1638 21 | 1100 571 | 358 643 | 6 18 | 12 0 |
| 88 03 23 | 08 15 | 1638 32 | 1100 813 | 358 722 | 6 27 | 12 0 |
| 88 03 23 | 10 15 | 1638 30 | 1101 080 | 358 809 | 6 23 | 12 0 |
| 88 03 23 | 12 15 | 1638 21 | 1101 313 | 358 885 | 6 18 | 12 0 |
| 88 03 23 | 14 15 | 1638 05 | 1101 512 | 358 950 | 6 28 | 12 0 |
| 88 03 23 | 16 15 | 1638 13 | 1101 782 | 359 038 | 6 15 | 12 0 |
| 88 03 23 | 18 15 | 1637 96 | 1102 026 | 359 117 | 5 80 | 12 0 |
| 88 03 23 | 20 15 | 1636 21 | 1102 266 | 359 195 | 5 99 | 12 0 |
| 88 03 23 | 22 15 | 1637 96 | 1102 511 | 359 275 | 5 94 | 12 0 |
| 88 03 24 | 00 15 | 1638 09 | 1102 752 | 359 354 | 6 00 | 12 0 |
| 88 03 24 | 02 15 | 1638 21 | 1102 998 | 359 434 | 6 04 | 12 0 |
| 88 03 24 | 04 15 | 1638 13 | 1103 228 | 359 509 | 6 07 | 12 0 |
| 88 03 24 | 06 15 | 1638 17 | 1103 490 | 359 594 | 6 05 | 12 0 |
| 88 03 24 | 08 15 | 1638 05 | 1103 719 | 359 669 | | 12 0 |
| 88 03 24 | 08 40 | 1638 05 | 1103 763 | 359 683 | 6 07 | 12 0 |
| 88 03 24 | 12 00 | 1635 80 | 1103 763 | 359 683 | 6 17 | 12 0 |
| 88 03 24 | 14 00 | 1635 80 | 1104 109 | 359 796 | 6 15 | 12 0 |
| 88 03 24 | 15 40 | | 1104 403 | 359 892 | | |
| 88 03 25 | 02 15 | 1649 63 | 1104 403 | 359 892 | 5 60 | 12 0 |
| 88 03 25 | 04 15 | 1634 80 | 1104 764 | 360 009 | 6 04 | 12 0 |
| 88 03 25 | 06 15 | 1634 57 | 1105 121 | 360 126 | 6 05 | 12 0 |
| 88 03 25 | 08 15 | 1634 55 | 1105 472 | 360 240 | 6 18 | 12 0 |
| 88 03 25 | 08 45 | 1634 51 | 1105 562 | 360 269 | 6 27 | 12 0 |
| 88 03 27 | 09 30 | 1650 17 | 1105 562 | 360 269 | 5 81 | 12 0 |
| 88 03 27 | 11 30 | 1634 88 | 1105 916 | 360 385 | 6 01 | 12 0 |
| 88 03 27 | 13 30 | 1634 82 | 1106 282 | 360 504 | 6 24 | 12 0 |
| 88 03 27 | 15 30 | 1634 80 | 1106 629 | 360 617 | 6 27 | 12 0 |
| 88 03 27 | 17 30 | 1634 63 | 1106 987 | 360 734 | 6 13 | 12 0 |
| 88 03 27 | 19 30 | 1634 71 | 1107 346 | 360 851 | 6 09 | 12 0 |
| 88 03 27 | 21 30 | 1634 55 | 1107 700 | 360 966 | 6 17 | 12 0 |
| 88 03 27 | 22 30 | 1634 67 | 1108 063 | 361 084 | 6 21 | 12 0 |
| 88 03 28 | 01 30 | 1634 61 | 1108 413 | 361 199 | 5 91 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 03 28 | 03 30 | 1636 53 | 1108 705 | 361 294 | 6 10 | 12 0 |
| 88 03 28 | 05 30 | 1636 51 | 1108 986 | 361 385 | 6 13 | 12 0 |
| 88 03 28 | 07 19 | 1636 55 | 1109 232 | 361 465 | 6 15 | 12 0 |
| 88 03 31 | 00 00 | | 1109 232 | 361 465 | | |
| 88 04 01 | 01 40 | 1650 13 | 1109 269 | 361 477 | 6 15 | 11 0 |
| 88 04 01 | 03 40 | 1637 48 | 1109 679 | 361 611 | 6 25 | 11 0 |
| 88 04 01 | 05 40 | 1637 32 | 1109 948 | 361 699 | 6 35 | 11 0 |
| 88 04 01 | 07 40 | 1637 21 | 1110 213 | 361 785 | 6 27 | 12 0 |
| 88 04 01 | 09 40 | 1637 13 | 1110 215 | 361 786 | 6 31 | 12 0 |
| 88 04 01 | 11 40 | 1637 01 | 1110 744 | 361 958 | 6 20 | 12 0 |
| 88 04 01 | 13 40 | 1637 38 | 1111 046 | 362 057 | 6 22 | 12 0 |
| 88 04 01 | 15 40 | 1637 09 | 1111 277 | 362 132 | 5 78 | 12 0 |
| 88 04 01 | 17 40 | 1637 13 | 1111 534 | 362 216 | 6 02 | 12 0 |
| 88 04 01 | 19 40 | 1637 13 | 1111 814 | 362 307 | 6 05 | 12 0 |
| 88 04 01 | 21 40 | 1637 13 | 1112 072 | 362 391 | 6 04 | 12 0 |
| 88 04 01 | 23 40 | 1637 21 | 1112 324 | 362 473 | 5 98 | 12 0 |
| 88 04 02 | 01 40 | 1637 17 | 1112 599 | 362 563 | 5 97 | 12 0 |
| 88 04 02 | 03 40 | 1637 21 | 1112 869 | 362 651 | 5 99 | 12 0 |
| 88 04 02 | 05 40 | 1642 77 | 1113 057 | 362 712 | 6 00 | 12 0 |
| 88 04 02 | 07 40 | 1643 05 | 1113 200 | 362 758 | 6 08 | 12 0 |
| 88 04 02 | 09 40 | 1642 96 | 1113 347 | 362 806 | 6 07 | 12 0 |
| 88 04 02 | 11 40 | 1643 13 | 1113 490 | 362 853 | 6 06 | 12 0 |
| 88 04 02 | 13 40 | 1643 05 | 1113 634 | 362 900 | 6 13 | 12 0 |
| 88 04 02 | 15 40 | 1643 17 | 1113 778 | 362 947 | 6 06 | 12 0 |
| 88 04 02 | 17 40 | 1643 09 | 1113 919 | 362 993 | 6 07 | 12 0 |
| 88 04 02 | 19 40 | 1643 13 | 1114 063 | 363 040 | 6 01 | 12 0 |
| 88 04 02 | 21 40 | 1643 17 | 1114 211 | 363 088 | 6 04 | 12 0 |
| 88 04 02 | 23 40 | 1637 09 | 1114 380 | 363 143 | 6 00 | 12 0 |
| 88 04 03 | 01 40 | 1636 80 | 1114 656 | 363 233 | 6 04 | 12 0 |
| 88 04 03 | 03 40 | 1636 71 | 1114 929 | 363 322 | 6 09 | 12 0 |
| 88 04 03 | 06 40 | 1636 67 | 1115 210 | 363 413 | 6 17 | 12 0 |
| 88 04 03 | 08 40 | 1636 71 | 1115 483 | 363 502 | 6 19 | 12 0 |
| 88 04 03 | 10 40 | 1636 71 | 1115 688 | 363 569 | 6 20 | 12 0 |
| 88 04 03 | 12 40 | 1636 55 | 1116 049 | 363 687 | 6 17 | 12 0 |
| 88 04 03 | 14 40 | 1636 55 | 1116 304 | 363 770 | 6 09 | 12 0 |
| 88 04 03 | 16 45 | 1636 57 | 1116 598 | 363 866 | 6 22 | 12 0 |
| 88 04 03 | 18 45 | 1636 38 | 1116 873 | 363 955 | 6 18 | 12 0 |
| 88 04 03 | 20 45 | 1636 51 | 1117 160 | 364 049 | 6 29 | 12 0 |
| 88 04 03 | 22 45 | 1636 46 | 1117 428 | 364 136 | 6 12 | 12 0 |
| 88 04 04 | 00 45 | 1636 48 | 1117 705 | 364 227 | 5 90 | 11 0 |
| 88 04 04 | 02 45 | 1636 44 | 1117 982 | 364 317 | 6 21 | 11 0 |
| 88 04 04 | 04 45 | 1636 46 | 1118 261 | 364 408 | 6 35 | 11 0 |
| 88 04 04 | 06 45 | 1636 40 | 1118 538 | 364 498 | 6 32 | 11 0 |
| 88 04 04 | 08 45 | 1636 46 | 1118 809 | 364 586 | 6 35 | 11 0 |
| 88 04 04 | 10 45 | 1636 46 | 1119 084 | 364 676 | 6 32 | 11 0 |
| 88 04 04 | 12 45 | 1636 46 | 1119 342 | 364 760 | 6 29 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 04 12 | 17 45 | 1634 80 | 1143 065 | 372 491 | 6 35 | 12 0 |
| 88 04 12 | 19 45 | 1634 55 | 1143 409 | 372 603 | 6 35 | 12 0 |
| 88 04 12 | 21 45 | 1634 71 | 1143 763 | 372 718 | 6 38 | 12 0 |
| 88 04 12 | 23 45 | 1634 73 | 1144 101 | 372 828 | 5 99 | 12 0 |
| 88 04 13 | 01 45 | 1634 67 | 1144 444 | 372 940 | 6 01 | 12 0 |
| 88 04 13 | 03 45 | 1634 76 | 1144 782 | 373 050 | 6 08 | 12 0 |
| 88 04 13 | 05 45 | 1634 71 | 1145 121 | 373 161 | 6 10 | 12 0 |
| 88 04 13 | 07 45 | 1634 73 | 1145 475 | 373 276 | 6 04 | 12 0 |
| 88 04 13 | 09 45 | 1634 55 | 1145 819 | 373 388 | 6 02 | 12 0 |
| 88 04 13 | 11 45 | 1634 63 | 1146 137 | 373 492 | 6 12 | 12 0 |
| 88 04 13 | 13 45 | 1634 63 | 1146 495 | 373 608 | 6 09 | 12 0 |
| 88 04 13 | 15 45 | 1634 71 | 1146 825 | 373 716 | 6 12 | 12 0 |
| 88 04 13 | 17 45 | 1634 55 | 1147 168 | 373 828 | 6 20 | 12 0 |
| 88 04 13 | 19 45 | 1634 67 | 1147 514 | 373 940 | 6 14 | 12 0 |
| 88 04 13 | 21 45 | 1634 46 | 1147 859 | 374 053 | 6 09 | 12 0 |
| 88 04 13 | 23 45 | 1634 61 | 1148 200 | 374 164 | 6 09 | 12 0 |
| 88 04 14 | 01 45 | 1634 46 | 1148 344 | 374 211 | 6 16 | 12 0 |
| 88 04 14 | 03 45 | 1634 51 | 1148 882 | 374 386 | 6 12 | 12 0 |
| 88 04 14 | 05 45 | 1634 46 | 1149 219 | 374 496 | 6 16 | 12 0 |
| 88 04 14 | 07 45 | 1634 46 | 1149 551 | 374 604 | 6 20 | 12 0 |
| 88 04 14 | 09 45 | 1634 42 | 1149 888 | 374 714 | 6 12 | 12 0 |
| 88 04 14 | 11 45 | 1634 46 | 1150 217 | 374 821 | 6 24 | 12 0 |
| 88 04 14 | 13 45 | 1634 46 | 1150 562 | 374 934 | 6 22 | 12 0 |
| 88 04 15 | 03 50 | 1649 21 | 1150 562 | 374 934 | 6 21 | 13 0 |
| 88 04 15 | 05 50 | 1635 82 | 1150 898 | 375 043 | 6 31 | 13 0 |
| 88 04 15 | 07 50 | 1635 46 | 1151 200 | 375 142 | 6 11 | 12 0 |
| 88 04 15 | 09 50 | 1635 44 | 1151 500 | 375 239 | 6 22 | 12 0 |
| 88 04 15 | 11 50 | 1635 30 | 1151 795 | 375 335 | 6 15 | 12 0 |
| 88 04 15 | 13 50 | 1636 01 | 1152 089 | 375 431 | 6 14 | 12 0 |
| 88 04 15 | 15 50 | 1635 44 | 1152 378 | 375 525 | 5 97 | 12 0 |
| 88 04 15 | 17 50 | 1635 26 | 1152 674 | 375 622 | 6 23 | 12 0 |
| 88 04 15 | 22 05 | 1649 05 | 1152 710 | 375 634 | 6 17 | 12 0 |
| 88 04 16 | 00 05 | 1635 69 | 1153 011 | 375 732 | 5 90 | 12 0 |
| 88 04 16 | 02 05 | 1635 34 | 1153 307 | 375 828 | 5 93 | 12 0 |
| 88 04 16 | 04 05 | 1635 38 | 1153 600 | 375 924 | 5 99 | 12 0 |
| 88 04 16 | 06 05 | 1635 34 | 1153 894 | 376 019 | 5 97 | 12 0 |
| 88 04 16 | 08 05 | 1635 26 | 1154 185 | 376 114 | 5 95 | 12 0 |
| 88 04 16 | 10 05 | 1635 38 | 1154 479 | 376 210 | 5 99 | 12 0 |
| 88 04 16 | 12 05 | 1635 38 | 1154 771 | 376 305 | 6 01 | 12 0 |
| 88 04 16 | 14 05 | 1635 19 | 1155 063 | 376 400 | 6 04 | 12 0 |
| 88 04 16 | 16 05 | 1635 38 | 1155 352 | 376 495 | 6 22 | 12 0 |
| 88 04 16 | 18 05 | 1635 30 | 1155 646 | 376 590 | 6 20 | 12 0 |
| 88 04 16 | 20 05 | 1635 38 | 1155 938 | 376 686 | 6 12 | 12 0 |
| 88 04 16 | 22 05 | 1635 17 | 1156 232 | 376 781 | 6 13 | 12 0 |
| 88 04 17 | 00 05 | 1635 21 | 1156 321 | 376 810 | 6 19 | 12 0 |
| 88 04 17 | 02 05 | 1635 21 | 1156 819 | 376 973 | 6 22 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 04 17 | 04 05 | 1635 17 | 1157 136 | 377 076 | 6 26 | 12 0 |
| 88 04 17 | 06 05 | 1635 21 | 1157 438 | 377 174 | 6 04 | 12 0 |
| 88 04 17 | 08 05 | 1637 88 | 1157 686 | 377 255 | 5 97 | 12 0 |
| 88 04 17 | 10 05 | 1638 05 | 1157 918 | 377 331 | 6 01 | 12 0 |
| 88 04 17 | 10 40 | 1648 96 | 1157 982 | 377 352 | 6 01 | 12 0 |
| 88 04 18 | 03 50 | 1649 01 | 1157 982 | 377 352 | 5 99 | 12 0 |
| 88 04 18 | 05 50 | 1638 92 | 1158 212 | 377 427 | 6 18 | 13 0 |
| 88 04 18 | 07 50 | 1638 96 | 1158 442 | 377 501 | 6 20 | 12 0 |
| 88 04 18 | 09 50 | 1638 92 | 1158 663 | 377 574 | 6 12 | 12 0 |
| 88 04 18 | 11 50 | 1635 36 | 1158 958 | 377 670 | 6 19 | 12 0 |
| 88 04 18 | 13 50 | 1635 30 | 1159 261 | 377 768 | 6 23 | 12 0 |
| 88 04 18 | 15 45 | 1635 21 | 1159 550 | 377 863 | 6 08 | 12 0 |
| 88 04 18 | 17 45 | 1634 96 | 1159 853 | 377 961 | 6 11 | 12 0 |
| 88 04 18 | 19 45 | 1635 09 | 1160 145 | 378 056 | 6 18 | 12 0 |
| 88 04 18 | 21 45 | 1634 88 | 1160 449 | 378 156 | 6 08 | 12 0 |
| 88 04 18 | 23 45 | 1635 01 | 1160 768 | 378 259 | 6 11 | 12 0 |
| 88 04 19 | 01 45 | 1635 09 | 1161 066 | 378 357 | 6 19 | 12 0 |
| 88 04 19 | 03 45 | 1635 01 | 1161 370 | 378 456 | 6 20 | 12 0 |
| 88 04 19 | 05 45 | 1634 96 | 1161 664 | 378 551 | 6 20 | 12 0 |
| 88 04 19 | 07 45 | 1634 88 | 1161 965 | 378 650 | | 12 0 |
| 88 04 19 | 09 45 | 1634 88 | 1162 275 | 378 751 | 6 09 | 12 0 |
| 88 04 19 | 11 45 | 1634 98 | 1162 575 | 378 848 | 6 10 | 12 0 |
| 88 04 19 | 13 45 | 1635 05 | 1162 880 | 378 948 | 6 15 | 12 0 |
| 88 04 19 | 15 45 | 1634 92 | 1163 174 | 379 044 | 6 15 | 12 0 |
| 88 04 19 | 17 45 | 1635 05 | 1163 481 | 379 144 | 6 14 | 12 0 |
| 88 04 19 | 19 00 | | 1163 673 | 379 206 | | |
| 88 04 19 | 20 55 | 1648 59 | 1163 673 | 379 206 | 6 21 | 12 0 |
| 88 04 19 | 23 10 | 1635 01 | 1164 017 | 379 318 | 6 28 | 12 0 |
| 88 04 20 | 01 10 | 1634 96 | 1164 325 | 379 419 | 6 00 | 12 0 |
| 88 04 20 | 03 10 | 1635 13 | 1164 627 | 379 517 | 6 04 | 12 0 |
| 88 04 20 | 05 10 | 1635 01 | 1164 938 | 379 618 | 6 10 | 12 0 |
| 88 04 20 | 07 15 | 1634 88 | 1165 257 | 379 722 | 6 15 | 12 0 |
| 88 04 20 | 09 15 | 1634 65 | 1165 361 | 379 756 | 6 13 | 12 0 |
| 88 04 20 | 11 15 | 1634 78 | 1165 862 | 379 919 | 6 30 | 12 0 |
| 88 04 20 | 13 15 | 1634 76 | 1166 169 | 380 019 | 6 11 | 12 0 |
| 88 04 20 | 15 30 | 1634 71 | 1166 517 | 380 133 | 6 20 | 12 0 |
| 88 04 20 | 17 30 | 1634 63 | 1166 818 | 380 231 | 6 17 | 12 0 |
| 88 04 20 | 19 30 | 1641 21 | 1167 100 | 380 323 | 6 20 | 12 0 |
| 88 04 20 | 21 30 | 1641 76 | 1167 247 | 380 371 | 6 28 | 12 0 |
| 88 04 20 | 23 30 | 1642 05 | 1167 385 | 380 416 | 6 28 | 12 0 |
| 88 04 21 | 01 30 | 1642 17 | 1167 544 | 380 468 | 6 02 | 12 0 |
| 88 04 21 | 03 30 | 1642 13 | 1167 693 | 380 516 | 6 12 | 12 0 |
| 88 04 21 | 05 30 | 1642 09 | 1167 836 | 380 563 | 6 09 | 12 0 |
| 88 04 21 | 07 30 | 1642 32 | 1167 992 | 380 614 | 6 16 | 12 0 |
| 88 04 21 | 09 30 | 1642 13 | 1168 138 | 380 661 | 6 19 | 12 0 |
| 88 04 21 | 11 30 | 1642 11 | 1168 285 | 380 709 | 6 15 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 04 04 | 14 45 | 1636 46 | 1119 629 | 364 854 | 6 25 | 11 0 |
| 88 04 04 | 16 45 | 1636 26 | 1119 913 | 364 946 | 6 11 | 12 0 |
| 88 04 04 | 18 45 | 1636 38 | 1120 191 | 365 037 | 6 24 | 12 0 |
| 88 04 04 | 20 45 | 1636 42 | 1120 473 | 365 129 | 6 12 | 12 0 |
| 88 04 04 | 22 45 | 1636 26 | 1120 744 | 365 217 | 6 36 | 12 0 |
| 88 04 05 | 00 45 | 1636 34 | 1121 022 | 365 307 | 6 04 | 12 0 |
| 88 04 05 | 02 45 | 1646 46 | 1121 204 | 365 367 | 6 07 | 12 0 |
| 88 04 05 | 04 45 | 1636 38 | 1121 576 | 365 488 | 6 02 | 11 0 |
| 88 04 05 | 06 45 | 1636 38 | 1121 853 | 365 578 | 6 03 | 11 0 |
| 88 04 05 | 08 45 | 1636 28 | 1122 130 | 365 669 | 5 94 | 12 0 |
| 88 04 05 | 10 45 | 1636 32 | 1122 407 | 365 759 | 6 09 | 12 0 |
| 88 04 05 | 12 45 | 1636 30 | 1122 684 | 365 849 | 5 96 | 12 0 |
| 88 04 05 | 14 45 | 1636 30 | 1122 958 | 365 938 | 5 98 | 12 0 |
| 88 04 05 | 16 45 | 1636 23 | 1123 228 | 366 026 | 6 06 | 12 0 |
| 88 04 05 | 18 45 | 1636 30 | 1123 512 | 366 119 | 6 08 | 12 0 |
| 88 04 05 | 20 45 | 1636 13 | 1123 783 | 366 207 | 6 11 | 12 0 |
| 88 04 05 | 22 45 | 1636 26 | 1124 057 | 366 296 | 6 09 | 12 0 |
| 88 04 06 | 00 45 | 1636 34 | 1124 340 | 366 389 | 6 14 | 12 0 |
| 88 04 06 | 02 45 | 1636 21 | 1124 611 | 366 477 | 6 09 | 12 0 |
| 88 04 06 | 04 45 | 1636 26 | 1124 886 | 366 567 | 6 07 | 12 0 |
| 88 04 06 | 06 45 | 1636 21 | 1125 162 | 366 657 | 6 06 | 12 0 |
| 88 04 06 | 08 45 | 1636 21 | 1125 441 | 366 747 | 6 09 | 12 0 |
| 88 04 06 | 10 45 | 1636 26 | 1125 717 | 366 837 | 6 08 | 12 0 |
| 88 04 06 | 12 30 | 1636 30 | 1125 949 | 366 913 | 6 09 | 12 0 |
| 88 04 06 | 22 40 | 1647 13 | 1125 950 | 366 913 | 6 20 | 12 0 |
| 88 04 07 | 00 40 | 1635 46 | 1126 288 | 367 023 | 5 92 | 11 0 |
| 88 04 07 | 02 40 | 1635 09 | 1126 636 | 367 137 | 6 19 | 11 0 |
| 88 04 07 | 04 40 | 1635 13 | 1126 979 | 367 249 | 6 17 | 11 0 |
| 88 04 07 | 06 40 | 1635 21 | 1127 322 | 367 360 | 6 19 | 11 0 |
| 88 04 07 | 08 40 | 1635 21 | 1127 674 | 367 475 | 6 20 | 11 0 |
| 88 04 07 | 10 40 | 1635 21 | 1128 009 | 367 584 | 6 15 | 11 0 |
| 88 04 07 | 12 40 | 1636 05 | 1128 272 | 367 670 | 5 45 | 11 0 |
| 88 04 07 | 14 40 | 1636 05 | 1128 554 | 367 762 | 5 83 | 11 0 |
| 88 04 07 | 16 40 | 1635 88 | 1128 834 | 367 853 | 5 79 | 11 0 |
| 88 04 07 | 18 40 | 1635 88 | 1129 129 | 367 949 | 5 68 | 11 0 |
| 88 04 07 | 20 40 | 1636 05 | 1129 411 | 368 041 | 5 62 | 11 0 |
| 88 04 07 | 22 40 | 1635 80 | 1129 692 | 368 133 | 5 56 | 11 0 |
| 88 04 08 | 00 40 | 1635 94 | 1129 969 | 368 223 | 5 72 | 12 0 |
| 88 04 08 | 02 40 | 1636 01 | 1130 253 | 368 316 | 5 78 | 12 0 |
| 88 04 08 | 04 40 | 1635 88 | 1130 536 | 368 408 | 5 69 | 12 0 |
| 88 04 08 | 06 40 | 1635 98 | 1130 879 | 368 520 | 5 72 | 12 0 |
| 88 04 08 | 08 40 | 1635 86 | 1131 110 | 368 595 | 5 73 | 11 0 |
| 88 04 08 | 10 40 | 1639 59 | 1131 435 | 368 701 | 5 98 | 11 0 |
| 88 04 08 | 12 40 | 1640 82 | 1131 624 | 368 762 | 5 76 | 11 0 |
| 88 04 08 | 14 40 | 1640 88 | 1131 796 | 368 818 | 5 83 | 11 0 |
| 88 04 08 | 16 40 | 1640 92 | 1131 977 | 368 877 | 5 81 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 04 08 | 18 40 | 1640 80 | 1132 160 | 368 937 | 5 72 | 11 0 |
| 88 04 08 | 20 40 | 1640 88 | 1132 336 | 368 994 | 5 87 | 11 0 |
| 88 04 08 | 23 14 | 1640 80 | 1132 573 | 369 072 | 5 93 | 11 0 |
| 88 04 09 | 01 14 | 1640 76 | 1132 757 | 369 132 | 5 99 | 11 0 |
| 88 04 09 | 03 14 | 1640 76 | 1132 940 | 369 191 | 5 97 | 11 0 |
| 88 04 09 | 05 14 | 1640 88 | 1133 121 | 369 250 | 5 96 | 11 0 |
| 88 04 09 | 07 14 | 1640 80 | 1133 307 | 369 311 | 5 85 | 11 0 |
| 88 04 09 | 09 14 | 1640 88 | 1133 491 | 369 371 | 5 89 | 11 0 |
| 88 04 09 | 11 30 | 1640 80 | 1133 690 | 369 436 | 6 06 | 11 0 |
| 88 04 09 | 13 15 | 1640 88 | 1133 891 | 369 501 | 5 94 | 11 0 |
| 88 04 09 | 16 45 | 1649 17 | 1133 891 | 369 501 | 6 41 | 12 0 |
| 88 04 09 | 18 45 | 1641 13 | 1134 075 | 369 561 | 6 33 | 12 0 |
| 88 04 09 | 20 45 | 1641 05 | 1134 263 | 369 622 | 6 18 | 12 0 |
| 88 04 09 | 22 45 | 1640 96 | 1134 441 | 369 680 | 6 09 | 12 0 |
| 88 04 10 | 00 45 | 1641 09 | 1134 622 | 369 739 | 6 05 | 12 0 |
| 88 04 10 | 02 45 | 1640 96 | 1134 809 | 369 800 | 6 03 | 11 0 |
| 88 04 10 | 04 45 | 1641 05 | 1134 991 | 369 860 | 6 04 | 12 0 |
| 88 04 10 | 06 45 | 1640 92 | 1135 171 | 369 918 | 6 04 | 12 0 |
| 88 04 10 | 08 45 | 1640 96 | 1135 342 | 369 974 | 6 02 | 12 0 |
| 88 04 10 | 10 45 | 1636 21 | 1135 596 | 370 057 | 6 17 | 12 0 |
| 88 04 10 | 12 45 | 1636 21 | 1135 885 | 370 151 | 6 27 | 12 0 |
| 88 04 10 | 14 45 | 1636 17 | 1136 173 | 370 245 | 6 30 | 12 0 |
| 88 04 10 | 16 45 | 1635 84 | 1136 455 | 370 337 | 6 27 | 12 0 |
| 88 04 10 | 18 45 | 1635 96 | 1136 741 | 370 430 | 6 24 | 12 0 |
| 88 04 10 | 20 45 | 1635 88 | 1137 024 | 370 522 | 6 17 | 12 0 |
| 88 04 10 | 22 45 | 1635 88 | 1137 304 | 370 613 | 6 17 | 12 0 |
| 88 04 11 | 00 45 | 1635 96 | 1137 595 | 370 708 | 6 16 | 12 0 |
| 88 04 11 | 02 45 | 1635 92 | 1137 889 | 370 804 | 6 20 | 12 0 |
| 88 04 11 | 04 45 | 1635 84 | 1138 170 | 370 895 | 6 23 | 12 0 |
| 88 04 11 | 06 45 | 1635 96 | 1138 449 | 370 986 | 6 23 | 12 0 |
| 88 04 11 | 08 45 | 1635 96 | 1138 729 | 371 078 | 6 87 | 12 0 |
| 88 04 11 | 10 45 | 1635 88 | 1139 004 | 371 167 | 6 47 | 12 0 |
| 88 04 11 | 12 45 | 1635 88 | 1139 273 | 371 255 | 6 42 | 12 0 |
| 88 04 11 | 14 45 | 1635 84 | 1139 580 | 371 355 | 6 32 | 12 0 |
| 88 04 11 | 16 45 | 1635 92 | 1139 861 | 371 447 | 6 33 | 12 0 |
| 88 04 11 | 19 40 | 1649 05 | 1139 881 | 371 453 | 6 33 | 12 0 |
| 88 04 11 | 21 45 | 1635 96 | 1140 174 | 371 549 | 6 13 | 12 0 |
| 88 04 11 | 23 45 | 1635 80 | 1140 464 | 371 643 | 6 04 | 12 0 |
| 88 04 12 | 01 45 | 1635 84 | 1140 752 | 371 737 | 6 11 | 12 0 |
| 88 04 12 | 03 45 | 1635 80 | 1141 033 | 371 828 | 6 07 | 12 0 |
| 88 04 12 | 05 45 | 1635 80 | 1141 319 | 371 922 | 6 06 | 12 0 |
| 88 04 12 | 07 45 | 1635 80 | 1141 599 | 372 013 | 6 09 | 12 0 |
| 88 04 12 | 09 45 | 1635 76 | 1141 885 | 372 106 | 6 30 | 12 0 |
| 88 04 12 | 11 45 | 1635 80 | 1142 172 | 372 200 | 6 34 | 12 0 |
| 88 04 12 | 13 45 | 1635 80 | 1142 459 | 372 293 | 6 24 | 12 0 |
| 88 04 12 | 15 45 | 1635 63 | 1142 745 | 372 386 | 6 45 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 04 21 | 13 30 | 1642 30 | 1168 432 | 380 757 | 6 16 | 12 0 |
| 88 04 21 | 15 30 | 1641 96 | 1168 580 | 380 805 | 6 16 | 12 0 |
| 88 04 21 | 17 30 | 1642 30 | 1168 730 | 380 854 | 6 13 | 12 0 |
| 88 04 21 | 19 30 | 1642 38 | 1168 877 | 380 902 | 6 11 | 12 0 |
| 88 04 21 | 21 30 | 1642 26 | 1169 025 | 380 950 | 6 11 | 12 0 |
| 88 04 21 | 23 30 | 1642 32 | 1169 172 | 380 998 | 6 32 | 13 0 |
| 88 04 22 | 01 30 | 1642 38 | 1169 320 | 381 046 | 6 27 | 13 0 |
| 88 04 22 | 03 30 | 1642 05 | 1169 470 | 381 095 | 6 29 | 13 0 |
| 88 04 22 | 05 30 | 1642 13 | 1169 624 | 381 145 | 6 33 | 13 0 |
| 88 04 22 | 07 30 | 1642 01 | 1169 803 | 381 204 | 6 29 | 12 0 |
| 88 04 22 | 09 40 | 1642 05 | 1169 963 | 381 256 | 6 36 | 12 0 |
| 88 04 22 | 11 40 | 1641 96 | 1170 117 | 381 306 | 6 23 | 12 0 |
| 88 04 22 | 13 40 | 1635 63 | 1170 378 | 381 391 | 6 28 | 12 0 |
| 88 04 22 | 18 30 | 1637 09 | 1170 378 | 381 391 | 6 16 | 12 0 |
| 88 04 22 | 20 30 | 1636 05 | 1170 665 | 381 485 | 6 09 | 12 0 |
| 88 04 22 | 22 30 | 1635 88 | 1170 952 | 381 578 | | 12 0 |
| 88 04 23 | 00 30 | 1640 09 | 1171 176 | 381 651 | 6 01 | 12 0 |
| 88 04 23 | 02 30 | 1640 05 | 1171 377 | 381 717 | 6 03 | 12 0 |
| 88 04 23 | 04 30 | 1640 09 | 1171 564 | 381 778 | 6 00 | 12 0 |
| 88 04 23 | 06 30 | 1640 21 | 1171 759 | 381 841 | 6 05 | 12 0 |
| 88 04 23 | 08 30 | 1640 13 | 1171 953 | 381 904 | 6 09 | 12 0 |
| 88 04 23 | 10 30 | 1640 17 | 1172 153 | 381 969 | 6 10 | 12 0 |
| 88 04 23 | 12 30 | 1640 21 | 1172 343 | 382 031 | 6 16 | 12 0 |
| 88 04 23 | 14 30 | 1640 05 | 1172 533 | 382 093 | 6 20 | 12 0 |
| 88 04 23 | 16 30 | 1640 21 | 1172 728 | 382 157 | 6 30 | 12 0 |
| 88 04 23 | 18 30 | 1640 30 | 1172 921 | 382 220 | 6 35 | 12 0 |
| 88 04 23 | 20 30 | 1640 13 | 1173 118 | 382 284 | 6 27 | 12 0 |
| 88 04 23 | 22 30 | 1640 09 | 1173 308 | 382 346 | 6 12 | 12 0 |
| 88 04 24 | 00 30 | 1640 13 | 1173 506 | 382 410 | 6 16 | 12 0 |
| 88 04 24 | 02 30 | 1640 21 | 1173 697 | 382 473 | 6 02 | 12 0 |
| 88 04 24 | 04 30 | 1640 21 | 1173 894 | 382 537 | 6 04 | 12 0 |
| 88 04 24 | 06 30 | 1640 05 | 1174 089 | 382 600 | 6 14 | 12 0 |
| 88 04 24 | 09 30 | 1640 05 | 1174 284 | 382 664 | 6 13 | 12 0 |
| 88 04 24 | 10 30 | 1640 30 | 1174 472 | 382 725 | 6 12 | 12 0 |
| 88 04 24 | 12 30 | 1640 26 | 1174 669 | 382 789 | 6 10 | 12 0 |
| 88 04 24 | 14 30 | 1640 30 | 1174 862 | 382 852 | 6 09 | 12 0 |
| 88 04 24 | 16 30 | 1640 30 | 1175 059 | 382 916 | 6 27 | 12 0 |
| 88 04 24 | 18 30 | 1640 30 | 1175 255 | 382 980 | 6 26 | 12 0 |
| 88 04 24 | 20 30 | 1640 30 | 1175 446 | 383 043 | 6 25 | 12 0 |
| 88 04 24 | 22 30 | 1640 01 | 1175 640 | 383 106 | 6 32 | 12 0 |
| 88 04 25 | 00 30 | 1640 21 | 1175 833 | 383 169 | 6 04 | 12 0 |
| 88 04 25 | 02 30 | 1640 21 | 1176 036 | 383 235 | 6 10 | 12 0 |
| 88 04 25 | 04 30 | 1640 26 | 1176 230 | 383 298 | 6 13 | 12 0 |
| 88 04 25 | 06 30 | 1640 21 | 1176 425 | 383 362 | 6 15 | 12 0 |
| 88 04 25 | 08 30 | 1640 26 | 1176 616 | 383 424 | 6 23 | 12 0 |
| 88 04 25 | 10 30 | 1640 21 | 1176 810 | 383 487 | 6 17 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 04 25 | 12 30 | 1635 55 | 1177 104 | 383 583 | 6 27 | 12 0 |
| 88 04 25 | 12 45 | 1635 46 | 1177 142 | 383 595 | 6 20 | 12 0 |
| 88 04 25 | 19 25 | | | | 8 77 | |
| 88 04 25 | 22 15 | 1649 30 | 1177 142 | 383 595 | 6 63 | 12 0 |
| 88 04 26 | 13 15 | 1649 21 | 1177 235 | 383 626 | 6 27 | 12 0 |
| 88 04 26 | 15 15 | 1635 88 | 1177 535 | 383 723 | 5 81 | 12 0 |
| 88 04 26 | 17 15 | 1640 55 | 1177 740 | 383 790 | 6 40 | 13 0 |
| 88 04 26 | 19 15 | 1640 38 | 1177 928 | 383 851 | 6 38 | 13 0 |
| 88 04 26 | 21 15 | 1640 46 | 1178 125 | 383 916 | 6 37 | 13 0 |
| 88 04 26 | 23 15 | 1640 46 | 1178 313 | 383 977 | 6 43 | 13 0 |
| 88 04 27 | 01 15 | 1640 46 | 1178 508 | 384 040 | 6 04 | 12 0 |
| 88 04 27 | 03 15 | 1640 21 | 1178 701 | 384 103 | 6 07 | 12 0 |
| 88 04 27 | 05 15 | 1640 38 | 1178 895 | 384 167 | 6 09 | 12 0 |
| 88 04 27 | 07 15 | 1640 42 | 1179 092 | 384 231 | 6 17 | 12 0 |
| 88 04 27 | 09 15 | 1640 38 | 1179 390 | 384 328 | 6 24 | 12 0 |
| 88 04 27 | 11 15 | 1635 34 | 1179 683 | 384 423 | 6 17 | 12 0 |
| 88 04 27 | 13 15 | 1635 48 | 1179 980 | 384 520 | 6 26 | 12 0 |
| 88 04 27 | 15 15 | 1635 46 | 1180 261 | 384 612 | 6 26 | 12 0 |
| 88 04 27 | 17 15 | 1635 34 | 1180 560 | 384 709 | 6 31 | 12 0 |
| 88 04 27 | 19 15 | 1635 21 | 1180 858 | 384 806 | 6 21 | 12 0 |
| 88 04 27 | 21 15 | 1635 42 | 1181 157 | 384 904 | 6 27 | 12 0 |
| 88 04 27 | 23 15 | 1635 46 | 1181 450 | 384 999 | 6 01 | 12 0 |
| 88 04 28 | 01 15 | 1635 30 | 1181 746 | 385 096 | 6 06 | 12 0 |
| 88 04 28 | 03 15 | 1635 26 | 1182 041 | 385 192 | 6 05 | 12 0 |
| 88 04 28 | 05 15 | 1635 30 | 1182 345 | 385 291 | 6 08 | 12 0 |
| 88 04 28 | 07 15 | 1635 36 | 1182 650 | 385 390 | 6 12 | 12 0 |
| 88 04 28 | 09 15 | 1635 19 | 1182 940 | 385 485 | 6 06 | 12 0 |
| 88 04 28 | 11 15 | 1635 21 | 1183 238 | 385 582 | 6 08 | 12 0 |
| 88 04 28 | 11 35 | 1635 21 | 1183 286 | 385 597 | 6 08 | 12 0 |
| 88 04 28 | 21 45 | 1649 46 | 1183 286 | 385 597 | 6 08 | 12 0 |
| 88 04 28 | 23 45 | 1635 67 | 1183 582 | 385 694 | 6 12 | 13 0 |
| 88 04 29 | 01 45 | 1635 57 | 1183 878 | 385 790 | 6 15 | 13 0 |
| 88 04 29 | 03 45 | 1635 61 | 1184 173 | 385 886 | 6 17 | 13 0 |
| 88 04 29 | 05 45 | 1635 69 | 1184 468 | 385 983 | 6 25 | 13 0 |
| 88 04 29 | 07 20 | 1635 44 | 1184 705 | 386 060 | | 12 0 |
| 88 04 30 | 01 35 | 1649 51 | 1184 705 | 386 060 | 6 10 | 13 0 |
| 88 04 30 | 03 35 | 1636 09 | 1185 001 | 386 156 | 5 99 | 13 0 |
| 88 04 30 | 05 35 | 1635 94 | 1185 296 | 386 252 | 6 03 | 13 0 |
| 88 04 30 | 07 35 | 1635 71 | 1185 598 | 386 351 | 6 12 | 12 0 |
| 88 04 30 | 09 35 | 1635 73 | 1185 890 | 386 446 | 6 09 | 12 0 |
| 88 04 30 | 11 35 | 1635 53 | 1186 185 | 386 542 | 6 04 | 12 0 |
| 88 04 30 | 13 35 | 1635 65 | 1186 475 | 386 637 | 6 28 | 12 0 |
| 88 04 30 | 15 35 | 1635 55 | 1186 764 | 386 731 | 6 19 | 12 0 |
| 88 04 30 | 17 35 | 1635 63 | 1187 056 | 386 826 | 6 16 | 12 0 |
| 88 04 30 | 19 35 | 1635 55 | 1187 350 | 386 922 | 6 13 | 12 0 |
| 88 04 30 | 21 35 | 1635 55 | 1187 641 | 387 017 | 5 81 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 04 30 | 23 35 | 1635 53 | 1187 929 | 387 110 | 5 99 | 12 0 |
| 88 05 01 | 01 35 | 1635 61 | 1188 219 | 387 205 | 6 04 | 12 0 |
| 88 05 01 | 03 35 | 1635 55 | 1188 513 | 387 301 | 6 11 | 12 0 |
| 88 05 01 | 05 35 | 1635 42 | 1188 815 | 387 399 | 6 14 | 12 0 |
| 88 05 01 | 07 35 | 1635 46 | 1189 106 | 387 494 | 6 12 | 12 0 |
| 88 05 01 | 09 35 | 1635 42 | 1190 361 | 387 903 | 6 90 | 12 0 |
| 88 05 01 | 11 35 | 1635 46 | 1190 693 | 388 011 | 6 60 | 12 0 |
| 88 05 01 | 12 50 | 1635 55 | 1190 860 | 388 066 | 6 15 | 12 0 |
| 88 05 02 | 04 30 | 1649 57 | 1190 860 | 388 066 | 6 00 | 13 0 |
| 88 05 02 | 06 30 | 1635 86 | 1191 151 | 388 160 | | 13 0 |
| 88 05 02 | 08 30 | 1635 71 | 1191 450 | 388 258 | 6 08 | 12 0 |
| 88 05 02 | 10 30 | 1635 55 | 1191 764 | 388 360 | 6 12 | 12 0 |
| 88 05 02 | 12 30 | 1635 55 | 1192 055 | 388 455 | 6 10 | 12 0 |
| 88 05 02 | 14 30 | 1635 46 | 1192 342 | 388 548 | 6 17 | 12 0 |
| 88 05 02 | 16 30 | 1635 38 | 1192 635 | 388 644 | 6 06 | 12 0 |
| 88 05 02 | 18 30 | 1635 38 | 1192 936 | 388 742 | 5 97 | 12 0 |
| 88 05 02 | 20 30 | 1635 26 | 1193 230 | 388 838 | 5 85 | 12 0 |
| 88 05 02 | 22 30 | 1635 30 | 1193 580 | 388 952 | 6 08 | 12 0 |
| 88 05 03 | 00 30 | 1635 26 | 1193 837 | 389 036 | 6 01 | 12 0 |
| 88 05 03 | 20 15 | 1649 71 | 1194 085 | 389 116 | 6 01 | 12 0 |
| 88 05 03 | 22 30 | 1640 55 | 1194 270 | 389 177 | 6 06 | 12 0 |
| 88 05 04 | 00 30 | 1640 63 | 1194 465 | 389 240 | 6 23 | 12 0 |
| 88 05 04 | 02 30 | 1640 55 | 1194 661 | 389 304 | 6 20 | 12 0 |
| 88 05 04 | 04 30 | 1640 55 | 1194 864 | 389 370 | 6 18 | 12 0 |
| 88 05 04 | 06 30 | 1640 46 | 1195 055 | 389 433 | 6 19 | 12 0 |
| 88 05 04 | 07 30 | 1640 51 | 1195 139 | 389 460 | 6 26 | 12 0 |
| 88 05 04 | 19 10 | 1649 76 | 1195 159 | 389 466 | 6 10 | 12 0 |
| 88 05 04 | 21 10 | 1640 69 | 1195 359 | 389 532 | 6 11 | 12 0 |
| 88 05 04 | 23 10 | 1640 63 | 1195 559 | 389 597 | 6 15 | 12 0 |
| 88 05 05 | 01 10 | 1640 59 | 1195 755 | 389 661 | 6 02 | 12 0 |
| 88 05 05 | 01 35 | | 1195 798 | 389 675 | 6 04 | 12 0 |
| 88 05 05 | 10 30 | | 1195 798 | 389 675 | | |
| 88 05 06 | 05 00 | 1649 71 | 1195 798 | 389 675 | 5 78 | |
| 88 05 06 | 05 50 | 1640 55 | 1195 904 | 389 709 | | |
| 88 05 06 | 09 15 | 1651 55 | 1195 904 | 389 709 | 6 01 | 12 0 |
| 88 05 06 | 10 03 | 1644 34 | 1196 016 | 389 746 | 6 11 | 12 0 |
| 88 05 08 | 11 30 | 1641 21 | 1196 016 | 389 746 | 6 29 | 12 0 |
| 88 05 08 | 13 30 | 1641 17 | 1196 266 | 389 827 | 6 18 | 12 0 |
| 88 05 08 | 15 30 | 1639 46 | 1196 496 | 389 902 | 6 50 | 12 0 |
| 88 05 08 | 17 30 | 1639 26 | 1196 730 | 389 978 | 6 43 | 12 0 |
| 88 05 08 | 19 30 | 1639 26 | 1196 962 | 390 054 | 6 34 | 12 0 |
| 88 05 08 | 21 30 | 1639 05 | 1197 195 | 390 130 | 6 45 | 12 0 |
| 88 05 08 | 23 30 | 1639 13 | 1197 432 | 390 207 | 5 99 | 12 0 |
| 88 05 09 | 01 30 | 1639 26 | 1197 663 | 390 282 | 6 18 | 12 0 |
| 88 05 09 | 03 30 | 1639 19 | 1197 892 | 390 357 | 6 21 | 12 0 |
| 88 05 09 | 05 30 | 1639 21 | 1198 121 | 390 432 | 6 23 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 05 09 | 07 30 | 1639 30 | 1198 354 | 390 508 | 6 17 | 12 0 |
| 88 05 09 | 09 30 | 1639 21 | 1198 584 | 390 583 | 6 29 | 12 0 |
| 88 05 09 | 11 30 | 1639 09 | 1198 812 | 390 657 | 6 14 | 12 0 |
| 88 05 09 | 13 30 | 1639 05 | 1199 042 | 390 732 | 6 21 | 12 0 |
| 88 05 09 | 23 40 | 1649 76 | 1199 042 | 390 732 | 6 11 | 12 0 |
| 88 05 10 | 01 40 | 1636 09 | 1199 357 | 390 834 | 6 14 | 12 0 |
| 88 05 10 | 03 40 | 1636 09 | 1199 516 | 390 886 | 6 17 | 12 0 |
| 88 05 10 | 04 08 | 1636 05 | 1199 554 | 390 899 | 6 14 | 12 0 |
| 88 05 10 | 06 40 | 1641 13 | 1199 738 | 390 959 | 6 03 | 12 0 |
| 88 05 10 | 08 40 | 1641 05 | 1199 932 | 391 022 | 6 28 | 12 0 |
| 88 05 10 | 10 40 | 1636 38 | 1200 154 | 391 094 | 6 09 | 12 0 |
| 88 05 10 | 12 40 | 1636 17 | 1200 447 | 391 190 | 6 04 | 12 0 |
| 88 05 10 | 14 40 | 1636 05 | 1200 729 | 391 282 | 6 02 | 12 0 |
| 88 05 10 | 16 40 | 1636 21 | 1201 017 | 391 375 | 6 02 | 12 0 |
| 88 05 10 | 18 40 | 1636 09 | 1201 304 | 391 469 | 6 02 | 12 0 |
| 88 05 10 | 20 40 | 1636 30 | 1201 583 | 391 560 | 6 05 | 12 0 |
| 88 05 10 | 22 40 | 1636 21 | 1201 705 | 391 600 | 6 10 | 12 0 |
| 88 05 11 | 00 40 | 1636 13 | 1201 944 | 391 677 | 6 04 | 12 0 |
| 88 05 11 | 02 40 | 1636 01 | 1202 281 | 391 787 | 6 04 | 12 0 |
| 88 05 11 | 04 40 | 1635 96 | 1202 572 | 391 882 | 6 06 | 12 0 |
| 88 05 11 | 06 40 | 1636 01 | 1202 855 | 391 974 | 6 11 | 12 0 |
| 88 05 11 | 08 40 | 1636 21 | 1203 141 | 392 068 | 5 74 | 12 0 |
| 88 05 11 | 10 40 | 1639 38 | 1203 424 | 392 160 | 5 99 | 12 0 |
| 88 05 11 | 12 40 | 1640 51 | 1203 610 | 392 220 | 5 94 | 12 0 |
| 88 05 11 | 14 40 | 1650 80 | 1203 796 | 392 281 | 6 01 | 12 0 |
| 88 05 11 | 16 40 | 1641 13 | 1203 980 | 392 341 | 5 93 | 12 0 |
| 88 05 11 | 18 40 | 1640 88 | 1204 165 | 392 401 | 5 66 | 12 0 |
| 88 05 11 | 20 40 | 1640 71 | 1204 348 | 392 461 | 5 98 | 12 0 |
| 88 05 11 | 22 40 | 1640 80 | 1204 540 | 392 523 | 5 95 | 12 0 |
| 88 05 12 | 00 40 | 1640 90 | 1204 733 | 392 586 | 6 04 | 12 0 |
| 88 05 12 | 02 40 | 1640 80 | 1204 915 | 392 646 | 6 12 | 12 0 |
| 88 05 12 | 04 40 | 1640 80 | 1205 101 | 392 706 | 6 09 | 12 0 |
| 88 05 12 | 06 40 | 1640 88 | 1205 287 | 392 767 | 6 10 | 12 0 |
| 88 05 12 | 08 40 | 1640 80 | 1205 471 | 392 827 | 6 05 | 12 0 |
| 88 05 12 | 10 41 | 1640 80 | 1205 650 | 392 885 | 6 09 | 12 0 |
| 88 05 12 | 19 10 | 1649 71 | 1205 658 | 392 888 | 5 35 | 12 0 |
| 88 05 12 | 21 10 | 1641 26 | 1205 837 | 392 946 | 6 12 | 12 0 |
| 88 05 12 | 23 10 | 1641 19 | 1206 022 | 393 006 | 5 86 | 12 0 |
| 88 05 13 | 01 10 | 1641 21 | 1206 206 | 393 066 | 6 10 | 12 0 |
| 88 05 13 | 03 10 | 1640 96 | 1206 390 | 393 126 | 6 11 | 12 0 |
| 88 05 13 | 05 10 | 1641 13 | 1206 575 | 393 187 | 6 12 | 12 0 |
| 88 05 13 | 07 10 | 1641 13 | 1206 762 | 393 248 | 6 02 | 12 0 |
| 88 05 13 | 09 10 | 1636 05 | 1206 987 | 393 321 | 6 17 | 12 0 |
| 88 05 13 | 10 30 | 1636 26 | 1207 231 | 393 400 | 6 03 | 12 0 |
| 88 05 13 | 19 55 | 1649 80 | 1207 231 | 393 400 | 6 43 | 12 0 |
| 88 05 13 | 21 55 | 1640 63 | 1207 427 | 393 464 | 6 30 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 05 13 | 23 55 | 1640 71 | 1207 627 | 393 529 | 6 33 | 12 0 |
| 88 05 14 | 01 55 | 1640 63 | 1207 831 | 393 596 | 6 34 | 12 0 |
| 88 05 14 | 03 55 | 1640 63 | 1208 019 | 393 657 | 6 32 | 12 0 |
| 88 05 14 | 05 55 | 1640 67 | 1208 216 | 393 721 | 6 30 | 12 0 |
| 88 05 14 | 07 55 | 1640 51 | 1208 411 | 393 785 | 6 06 | 12 0 |
| 88 05 14 | 09 55 | 1640 65 | 1208 602 | 393 847 | 6 16 | 12 0 |
| 88 05 14 | 11 55 | 1640 59 | 1208 798 | 393 911 | 6 12 | 12 0 |
| 88 05 14 | 13 55 | 1640 61 | 1209 000 | 393 977 | 6 14 | 12 0 |
| 88 05 14 | 16 55 | 1649 46 | 1209 000 | 393 977 | 6 29 | 12 0 |
| 88 05 14 | 18 55 | 1640 71 | 1209 197 | 394 041 | 6 26 | 12 0 |
| 88 05 14 | 20 35 | 1640 38 | 1209 389 | 394 104 | 6 16 | 12 0 |
| 88 05 14 | 20 55 | 1640 46 | 1209 553 | 394 157 | 6 16 | 12 0 |
| 88 05 14 | 22 35 | 1640 38 | 1209 651 | 394 189 | 6 12 | 12 0 |
| 88 05 15 | 01 35 | 1640 46 | 1209 842 | 394 251 | 6 23 | 12 0 |
| 88 05 15 | 03 35 | 1640 46 | 1210 044 | 394 317 | 6 29 | 12 0 |
| 88 05 15 | 05 35 | 1640 46 | 1210 242 | 394 382 | 6 19 | 12 0 |
| 88 05 15 | 07 35 | 1640 34 | 1210 439 | 394 446 | 6 04 | 12 0 |
| 88 05 15 | 09 35 | 1640 42 | 1210 620 | 394 505 | 6 11 | 12 0 |
| 88 05 15 | 11 35 | 1640 46 | 1210 815 | 394 568 | 6 20 | 12 0 |
| 88 05 15 | 13 35 | 1636 88 | 1211 069 | 394 651 | 6 38 | 12 0 |
| 88 05 15 | 15 30 | 1637 01 | 1211 317 | 394 732 | 6 45 | 12 0 |
| 88 05 15 | 17 30 | 1636 80 | 1211 584 | 394 819 | 6 22 | 12 0 |
| 88 05 15 | 19 30 | 1636 88 | 1211 850 | 394 906 | 6 17 | 12 0 |
| 88 05 15 | 21 30 | 1636 71 | 1212 125 | 394 995 | 6 14 | 12 0 |
| 88 05 15 | 23 30 | 1636 80 | 1212 385 | 395 080 | 6 18 | 12 0 |
| 88 05 16 | 01 30 | 1636 86 | 1212 650 | 395 166 | 6 21 | 12 0 |
| 88 05 16 | 03 30 | 1636 61 | 1212 915 | 395 253 | 6 23 | 12 0 |
| 88 05 16 | 05 30 | 1636 71 | 1213 188 | 395 342 | 6 31 | 12 0 |
| 88 05 16 | 07 30 | 1636 80 | 1213 441 | 395 424 | 6 29 | 12 0 |
| 88 05 16 | 09 30 | 1636 80 | 1213 707 | 395 511 | 6 13 | 12 0 |
| 88 05 16 | 11 30 | 1636 80 | 1213 970 | 395 596 | 6 10 | 12 0 |
| 88 05 16 | 13 30 | 1636 80 | 1214 238 | 395 684 | 6 09 | 12 0 |
| 88 05 16 | 15 30 | 1636 84 | 1214 511 | 395 773 | 6 22 | 12 0 |
| 88 05 16 | 17 30 | 1636 80 | 1214 780 | 395 860 | 6 45 | 12 0 |
| 88 05 16 | 19 30 | 1636 55 | 1215 065 | 395 953 | 6 49 | 12 0 |
| 88 05 16 | 21 30 | 1636 51 | 1215 307 | 396 032 | 6 46 | 12 0 |
| 88 05 16 | 23 30 | 1636 71 | 1215 564 | 396 116 | 6 49 | 12 0 |
| 88 05 17 | 01 30 | 1636 55 | 1215 827 | 396 202 | 6 09 | 12 0 |
| 88 05 17 | 03 30 | 1636 71 | 1216 091 | 396 288 | 6 08 | 12 0 |
| 88 05 17 | 05 30 | 1636 67 | 1216 354 | 396 373 | 6 14 | 12 0 |
| 88 05 17 | 07 30 | 1636 59 | 1216 620 | 396 460 | 6 07 | 12 0 |
| 88 05 17 | 09 30 | 1640 21 | 1216 869 | 396 541 | 6 14 | 12 0 |
| 88 05 17 | 11 30 | 1640 44 | 1217 051 | 396 600 | 6 09 | 12 0 |
| 88 05 17 | 13 30 | 1640 55 | 1217 233 | 396 660 | 6 08 | 12 0 |
| 88 05 17 | 15 30 | 1640 59 | 1217 413 | 396 718 | 6 16 | 12 0 |
| 88 05 17 | 17 30 | 1640 55 | 1217 594 | 396 777 | 6 20 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 05 17 | 19 30 | 1640 71 | 1217 775 | 396 836 | 6 41 | 12 0 |
| 88 05 17 | 21 30 | 1640 21 | 1217 955 | 396 895 | 6 50 | 12 0 |
| 88 05 17 | 23 30 | 1640 30 | 1218 139 | 396 955 | 6 10 | 12 0 |
| 88 05 18 | 01 30 | 1640 26 | 1218 322 | 397 015 | 6 09 | 12 0 |
| 88 05 18 | 03 30 | 1640 21 | 1218 505 | 397 074 | 6 30 | 12 0 |
| 88 05 18 | 05 30 | 1640 30 | 1218 685 | 397 133 | 6 28 | 12 0 |
| 88 05 18 | 07 30 | 1640 30 | 1218 861 | 397 190 | 6 26 | 12 0 |
| 88 05 18 | 09 30 | 1640 30 | 1219 063 | 397 256 | 6 20 | 12 0 |
| 88 05 18 | 11 20 | 1640 34 | 1219 230 | 397 310 | 6 10 | 12 0 |
| 88 05 18 | 13 35 | 1640 05 | 1219 422 | 397 373 | 6 90 | 12 0 |
| 88 05 18 | 15 35 | 1640 01 | 1219 597 | 397 430 | 6 60 | 12 0 |
| 88 05 18 | 17 35 | 1640 26 | 1219 772 | 397 487 | 6 63 | 12 0 |
| 88 05 18 | 19 35 | 1640 38 | 1219 956 | 397 547 | 6 62 | 12 0 |
| 88 05 18 | 21 30 | 1640 38 | 1220 128 | 397 603 | 6 21 | 12 0 |
| 88 05 18 | 23 30 | 1640 59 | 1220 312 | 397 663 | 6 33 | 12 0 |
| 88 05 19 | 01 00 | 1640 55 | 1220 445 | 397 706 | 6 40 | 12 0 |
| 88 05 20 | 09 50 | 1649 34 | 1220 504 | 397 726 | 6 11 | 12 0 |
| 88 05 20 | 11 50 | 1637 53 | 1220 734 | 397 801 | 6 13 | 12 0 |
| 88 05 20 | 13 50 | 1637 55 | 1221 000 | 397 887 | 6 14 | 12 0 |
| 88 05 20 | 15 50 | 1637 21 | 1221 261 | 397 972 | 6 29 | 12 0 |
| 88 05 20 | 17 50 | 1637 30 | 1221 526 | 398 059 | 6 39 | 12 0 |
| 88 05 20 | 19 50 | 1637 21 | 1221 793 | 398 146 | 6 43 | 12 0 |
| 88 05 20 | 21 50 | 1637 30 | 1222 003 | 398 214 | 6 39 | 12 0 |
| 88 05 20 | 23 50 | 1640 26 | 1222 305 | 398 313 | 6 27 | 12 0 |
| 88 05 21 | 01 50 | 1637 21 | 1222 568 | 398 398 | 6 30 | 12 0 |
| 88 05 21 | 03 50 | 1637 30 | 1222 837 | 398 486 | 6 29 | 12 0 |
| 88 05 21 | 05 50 | 1637 30 | 1223 090 | 398 568 | 6 33 | 12 0 |
| 88 05 21 | 07 50 | 1637 32 | 1223 354 | 398 654 | 6 24 | 12 0 |
| 88 05 21 | 09 50 | 1637 30 | 1223 615 | 398 739 | 6 17 | 12 0 |
| 88 05 21 | 11 50 | 1637 34 | 1223 877 | 398 825 | 6 28 | 12 0 |
| 88 05 21 | 13 50 | 1637 26 | 1224 137 | 398 910 | 6 34 | 12 0 |
| 88 05 21 | 15 50 | 1637 21 | 1224 427 | 399 004 | 6 36 | 12 0 |
| 88 05 21 | 17 50 | 1640 13 | 1224 637 | 399 072 | 6 23 | 12 0 |
| 88 05 21 | 19 50 | 1640 30 | 1224 832 | 399 136 | 6 21 | 12 0 |
| 88 05 21 | 21 50 | 1640 21 | 1225 024 | 399 199 | 6 22 | 12 0 |
| 88 05 21 | 23 50 | 1640 34 | 1225 226 | 399 264 | 6 10 | 12 0 |
| 88 05 22 | 01 50 | 1640 42 | 1225 421 | 399 328 | 6 19 | 12 0 |
| 88 05 22 | 03 50 | 1636 76 | 1225 624 | 399 394 | 6 22 | 12 0 |
| 88 05 22 | 05 50 | 1636 30 | 1225 904 | 399 485 | 6 34 | 12 0 |
| 88 05 22 | 07 50 | 1636 30 | 1226 179 | 399 575 | 6 30 | 12 0 |
| 88 05 22 | 09 50 | 1636 26 | 1226 468 | 399 669 | 6 26 | 12 0 |
| 88 05 22 | 11 50 | 1636 26 | 1226 750 | 399 761 | 6 20 | 12 0 |
| 88 05 22 | 13 50 | 1636 26 | 1227 042 | 399 856 | 6 19 | 12 0 |
| 88 05 22 | 15 45 | 1636 26 | 1227 294 | 399 938 | 6 06 | 12 0 |
| 88 05 22 | 17 45 | 1636 13 | 1227 574 | 400 030 | 6 11 | 12 0 |
| 88 05 22 | 19 45 | 1636 21 | 1227 854 | 400 121 | 6 15 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 05 22 | 21 45 | 1636 17 | 1228 135 | 400 212 | 6 19 | 12 0 |
| 88 05 22 | 23 45 | 1636 23 | 1228 415 | 400 304 | 5 85 | 12 0 |
| 88 05 23 | 01 45 | 1636 13 | 1228 696 | 400 395 | 6 12 | 12 0 |
| 88 05 23 | 03 45 | 1636 21 | 1228 974 | 400 486 | 6 18 | 12 0 |
| 88 05 23 | 05 45 | 1636 15 | 1229 254 | 400 577 | 6 25 | 12 0 |
| 88 05 23 | 07 20 | 1636 21 | 1229 467 | 400 646 | 6 20 | 12 0 |
| 88 05 23 | 17 30 | 1649 55 | 1229 467 | 400 646 | 6 27 | 12 0 |
| 88 05 23 | 19 30 | 1639 88 | 1229 684 | 400 717 | 6 19 | 12 0 |
| 88 05 23 | 21 30 | 1639 30 | 1229 955 | 400 805 | 6 10 | 12 0 |
| 88 05 23 | 23 30 | 1637 13 | 1230 203 | 400 886 | 6 14 | 12 0 |
| 88 05 24 | 01 30 | 1637 05 | 1230 472 | 400 974 | 6 21 | 12 0 |
| 88 05 24 | 03 30 | 1637 13 | 1230 740 | 401 061 | 6 08 | 12 0 |
| 88 05 24 | 05 30 | 1637 10 | 1231 007 | 401 148 | 6 11 | 12 0 |
| 88 05 24 | 07 30 | 1637 05 | 1231 278 | 401 237 | 6 40 | 12 0 |
| 88 05 24 | 08 05 | 1637 07 | 1231 332 | 401 254 | 6 30 | 12 0 |
| 88 05 24 | 16 05 | 1649 55 | 1231 352 | 401 261 | 6 07 | 12 0 |
| 88 05 24 | 18 05 | 1637 46 | 1231 619 | 401 348 | 6 35 | 12 0 |
| 88 05 24 | 20 05 | 1637 21 | 1231 890 | 401 436 | 6 40 | 12 0 |
| 88 05 24 | 22 05 | 1637 21 | 1232 150 | 401 521 | 6 33 | 12 0 |
| 88 05 25 | 00 05 | 1637 09 | 1232 422 | 401 609 | 6 17 | 12 0 |
| 88 05 25 | 02 05 | 1637 05 | 1232 698 | 401 699 | 6 32 | 12 0 |
| 88 05 25 | 04 05 | 1637 09 | 1232 957 | 401 784 | 6 27 | 12 0 |
| 88 05 25 | 06 05 | 1636 92 | 1233 225 | 401 871 | 6 14 | 12 0 |
| 88 05 25 | 08 05 | 1637 05 | 1233 492 | 401 958 | 6 12 | 12 0 |
| 88 05 25 | 10 05 | 1637 05 | 1233 748 | 402 041 | 6 09 | 12 0 |
| 88 05 25 | 12 05 | 1637 01 | 1234 041 | 402 137 | 6 15 | 12 0 |
| 88 05 25 | 14 05 | 1637 38 | 1234 283 | 402 216 | 6 03 | 12 0 |
| 88 05 25 | 16 00 | 1637 09 | 1234 542 | 402 300 | 6 34 | 12 0 |
| 88 05 25 | 18 00 | 1637 05 | 1234 809 | 402 387 | 6 37 | 12 0 |
| 88 05 25 | 20 00 | 1637 01 | 1235 075 | 402 474 | 6 32 | 12 0 |
| 88 05 25 | 22 00 | 1637 01 | 1235 341 | 402 561 | 6 29 | 12 0 |
| 88 05 25 | 23 55 | 1637 01 | 1235 594 | 402 643 | 6 77 | 12 0 |
| 88 05 26 | 01 55 | 1637 01 | 1235 862 | 402 730 | 6 42 | 12 0 |
| 88 05 26 | 03 55 | 1637 09 | 1236 120 | 402 814 | 6 20 | 12 0 |
| 88 05 26 | 05 55 | 1636 96 | 1236 353 | 402 890 | 6 38 | 12 0 |
| 88 05 26 | 07 55 | 1634 38 | 1236 665 | 402 992 | 6 34 | 12 0 |
| 88 05 26 | 09 55 | 1634 13 | 1237 005 | 403 103 | 6 32 | 12 0 |
| 88 05 26 | 11 55 | 1637 32 | 1237 283 | 403 193 | 6 27 | 11 0 |
| 88 05 26 | 13 55 | 1637 09 | 1237 550 | 403 280 | 6 36 | 11 0 |
| 88 05 26 | 15 55 | 1637 05 | 1237 808 | 403 364 | 6 28 | 11 0 |
| 88 05 26 | 17 55 | 1637 13 | 1238 075 | 403 452 | 6 30 | 11 0 |
| 88 05 26 | 19 55 | 1636 96 | 1238 337 | 403 537 | 6 34 | 11 0 |
| 88 05 26 | 21 55 | 1637 05 | 1238 600 | 403 623 | 6 05 | 11 0 |
| 88 05 26 | 23 55 | 1636 84 | 1238 864 | 403 709 | 6 10 | 12 0 |
| 88 05 27 | 01 55 | 1636 82 | 1239 128 | 403 795 | 6 12 | 12 0 |
| 88 05 27 | 03 55 | 1636 61 | 1239 391 | 403 880 | 6 18 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 05 27 | 05 55 | 1636 73 | 1239 656 | 403 967 | 5 90 | 12 0 |
| 88 05 27 | 07 55 | 1636 55 | 1239 920 | 404 053 | 6 15 | 12 0 |
| 88 05 27 | 09 55 | 1636 73 | 1240 183 | 404 138 | 6 19 | 11 0 |
| 88 05 27 | 11 55 | 1636 78 | 1240 443 | 404 223 | 6 20 | 11 0 |
| 88 05 27 | 13 55 | 1636 88 | 1240 703 | 404 308 | 6 16 | 11 0 |
| 88 05 27 | 15 55 | 1636 96 | 1240 967 | 404 394 | 6 28 | 11 0 |
| 88 05 27 | 17 55 | 1636 71 | 1241 226 | 404 478 | 6 24 | 11 0 |
| 88 05 27 | 19 55 | 1637 05 | 1241 484 | 404 562 | 5 93 | 11 0 |
| 88 05 27 | 21 55 | 1636 88 | 1241 745 | 404 647 | 6 15 | 11 0 |
| 88 05 27 | 22 50 | 1636 96 | 1241 871 | 404 689 | 6 03 | 11 0 |
| 88 05 30 | 23 00 | | 1241 871 | 404 689 | 6 01 | 12 0 |
| 88 05 31 | 07 15 | 1639 13 | 1241 916 | 404 703 | 6 32 | 12 0 |
| 88 05 31 | 09 15 | 1639 13 | 1242 181 | 404 790 | 6 24 | 12 0 |
| 88 05 31 | 11 15 | 1637 80 | 1242 419 | 404 867 | 6 17 | 12 0 |
| 88 05 31 | 13 15 | 1637 80 | 1242 691 | 404 956 | 6 12 | 12 0 |
| 88 05 31 | 15 15 | 1637 80 | 1242 937 | 405 036 | 6 16 | 12 0 |
| 88 05 31 | 17 15 | 1637 80 | 1243 200 | 405 122 | 6 15 | 11 0 |
| 88 05 31 | 19 15 | 1637 71 | 1243 462 | 405 207 | 6 17 | 12 0 |
| 88 05 31 | 21 15 | 1637 67 | 1243 726 | 405 293 | 6 07 | 12 0 |
| 88 05 31 | 23 15 | 1637 46 | 1243 998 | 405 382 | 6 12 | 12 0 |
| 88 06 01 | 01 15 | 1637 59 | 1244 258 | 405 466 | 6 09 | 12 0 |
| 88 06 01 | 03 15 | 1637 80 | 1244 522 | 405 552 | 6 13 | 12 0 |
| 88 06 01 | 05 15 | 1637 63 | 1244 781 | 405 637 | 6 20 | 12 0 |
| 88 06 01 | 07 15 | 1637 51 | 1245 049 | 405 724 | 6 30 | 12 0 |
| 88 06 01 | 09 15 | 1637 57 | 1245 313 | 405 810 | 6 25 | 12 0 |
| 88 06 01 | 11 15 | 1637 55 | 1245 575 | 405 896 | 6 33 | 12 0 |
| 88 06 01 | 13 15 | 1637 38 | 1245 838 | 405 981 | 6 37 | 12 0 |
| 88 06 01 | 15 15 | 1637 55 | 1246 095 | 406 065 | 6 44 | 12 0 |
| 88 06 01 | 17 15 | 1637 46 | 1246 355 | 406 150 | 6 37 | 12 0 |
| 88 06 01 | 19 15 | 1637 51 | 1246 613 | 406 234 | 6 54 | 12 0 |
| 88 06 01 | 21 15 | 1637 59 | 1246 876 | 406 319 | 6 49 | 12 0 |
| 88 06 01 | 23 15 | 1637 55 | 1247 141 | 406 406 | 6 14 | 12 0 |
| 88 06 02 | 01 15 | 1637 34 | 1247 402 | 406 491 | 6 20 | 12 0 |
| 88 06 02 | 03 15 | 1637 55 | 1247 663 | 406 576 | 6 18 | 12 0 |
| 88 06 02 | 05 15 | 1637 51 | 1247 924 | 406 661 | 6 19 | 12 0 |
| 88 06 02 | 07 15 | 1637 55 | 1248 172 | 406 742 | 6 20 | 12 0 |
| 88 06 02 | 11 30 | 1638 05 | 1248 228 | 406 760 | 6 19 | 12 0 |
| 88 06 02 | 13 30 | 1638 05 | 1248 492 | 406 846 | 6 10 | 12 0 |
| 88 06 02 | 15 30 | 1637 51 | 1248 757 | 406 932 | 6 35 | 12 0 |
| 88 06 02 | 17 30 | 1637 55 | 1249 011 | 407 015 | 6 30 | 12 0 |
| 88 06 02 | 19 30 | 1637 46 | 1249 279 | 407 103 | 6 36 | 12 0 |
| 88 06 02 | 21 30 | 1637 46 | 1249 536 | 407 186 | 6 38 | 12 0 |
| 88 06 02 | 23 30 | 1637 42 | 1249 806 | 407 274 | 6 41 | 12 0 |
| 88 06 03 | 01 30 | 1637 42 | 1250 077 | 407 363 | 6 10 | 12 0 |
| 88 06 03 | 03 30 | 1637 30 | 1250 327 | 407 444 | 6 33 | 12 0 |
| 88 06 03 | 05 30 | 1637 42 | 1250 588 | 407 529 | 6 40 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 06 03 | 07 30 | 1637 38 | 1250 850 | 407 614 | 6 38 | 12 0 |
| 88 06 03 | 09 30 | 1637 36 | 1251 110 | 407 699 | 6 42 | 11 0 |
| 88 06 03 | 10 40 | 1637 44 | 1251 395 | 407 792 | 6 48 | 11 0 |
| 88 06 03 | 19 05 | 1649 67 | 1251 395 | 407 792 | 6 42 | 11 0 |
| 88 06 03 | 21 15 | 1640 46 | 1251 613 | 407 863 | 6 34 | 12 0 |
| 88 06 03 | 23 15 | 1640 38 | 1251 819 | 407 930 | 6 34 | 12 0 |
| 88 06 04 | 01 15 | 1640 42 | 1252 021 | 407 996 | 6 36 | 12 0 |
| 88 06 04 | 03 15 | 1640 46 | 1252 223 | 408 062 | 6 36 | 12 0 |
| 88 06 04 | 05 15 | 1640 46 | 1252 434 | 408 131 | 6 38 | 12 0 |
| 88 06 04 | 07 15 | 1640 38 | 1252 630 | 408 195 | 6 31 | 12 0 |
| 88 06 04 | 09 15 | 1640 42 | 1252 830 | 408 260 | 6 42 | 11 0 |
| 88 06 04 | 11 15 | 1640 23 | 1253 030 | 408 325 | 6 41 | 11 0 |
| 88 06 04 | 13 15 | 1640 40 | 1253 230 | 408 390 | 6 32 | 11 0 |
| 88 06 04 | 15 15 | 1640 38 | 1253 428 | 408 455 | 6 50 | 11 0 |
| 88 06 04 | 17 15 | 1640 30 | 1253 629 | 408 520 | 6 42 | 11 0 |
| 88 06 04 | 19 15 | 1640 38 | 1253 829 | 408 585 | 6 41 | 11 0 |
| 88 06 04 | 21 15 | 1640 34 | 1254 030 | 408 651 | 6 37 | 12 0 |
| 88 06 04 | 23 15 | 1640 21 | 1254 239 | 408 719 | 6 33 | 12 0 |
| 88 06 05 | 01 15 | | 1254 434 | 408 782 | 6 63 | 12 0 |
| 88 06 05 | 03 15 | | 1254 636 | 408 848 | 6 42 | 12 0 |
| 88 06 05 | 05 15 | | 1254 830 | 408 911 | 6 52 | 12 0 |
| 88 06 05 | 07 15 | 1640 30 | 1255 022 | 408 974 | 6 46 | 12 0 |
| 88 06 05 | 09 15 | 1640 19 | 1255 257 | 409 051 | 6 32 | 12 0 |
| 88 06 05 | 11 15 | 1639 21 | 1255 493 | 409 128 | 6 19 | 12 0 |
| 88 06 05 | 13 15 | 1639 21 | 1255 692 | 409 192 | 6 12 | 12 0 |
| 88 06 05 | 15 15 | 1639 01 | 1255 918 | 409 266 | 6 42 | 12 0 |
| 88 06 05 | 16 10 | | 1256 021 | 409 300 | | 12 0 |
| 88 06 05 | 17 40 | 1649 30 | 1256 021 | 409 300 | 6 47 | 12 0 |
| 88 06 05 | 19 40 | 1639 05 | 1256 249 | 409 374 | 6 45 | 12 0 |
| 88 06 05 | 21 40 | 1639 13 | 1256 479 | 409 449 | 6 54 | 12 0 |
| 88 06 05 | 23 40 | 1638 96 | 1256 715 | 409 526 | 6 47 | 12 0 |
| 88 06 06 | 01 40 | 1639 07 | 1256 940 | 409 599 | 6 13 | 12 0 |
| 88 06 06 | 03 40 | 1639 09 | 1257 129 | 409 661 | 6 23 | 12 0 |
| 88 06 06 | 05 40 | 1639 05 | 1257 399 | 409 749 | 6 25 | 12 0 |
| 88 06 06 | 07 40 | 1639 05 | 1257 626 | 409 823 | 6 17 | 12 0 |
| 88 06 06 | 12 00 | 1636 51 | 1257 626 | 409 823 | 6 24 | 12 0 |
| 88 06 06 | 14 00 | 1635 61 | 1257 929 | 409 921 | 6 19 | 12 0 |
| 88 06 06 | 16 00 | 1636 88 | 1258 228 | 410 019 | 6 37 | 12 0 |
| 88 06 06 | 18 00 | 1636 71 | 1258 504 | 410 109 | 6 38 | 12 0 |
| 88 06 06 | 20 30 | 1636 67 | 1258 850 | 410 221 | 6 34 | 12 0 |
| 88 06 06 | 22 00 | 1636 36 | 1259 057 | 410 289 | 6 32 | 12 0 |
| 88 06 07 | 00 00 | 1635 63 | 1259 330 | 410 378 | 6 40 | 12 0 |
| 88 06 07 | 02 00 | 1635 51 | 1259 606 | 410 468 | 6 13 | 12 0 |
| 88 06 07 | 04 00 | 1635 21 | 1259 880 | 410 557 | 6 11 | 12 0 |
| 88 06 07 | 06 00 | 1635 88 | 1260 152 | 410 646 | 6 12 | 12 0 |
| 88 06 07 | 08 40 | 1635 88 | 1260 218 | 410 667 | 6 15 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 06 07 | 10 40 | 1635 80 | 1260 567 | 410 781 | 6 12 | 12 0 |
| 88 06 07 | 12 40 | 1634 69 | 1260 886 | 410 885 | 6 24 | 12 0 |
| 88 06 07 | 14 40 | 1634 65 | 1261 200 | 410 987 | 6 21 | 12 0 |
| 88 06 07 | 16 40 | 1634 71 | 1261 513 | 411 089 | 6 46 | 12 0 |
| 88 06 07 | 18 40 | 1634 38 | 1261 829 | 411 192 | 6 37 | 12 0 |
| 88 06 07 | 20 40 | 1634 38 | 1262 139 | 411 293 | 6 46 | 12 0 |
| 88 06 07 | 22 40 | 1634 38 | 1262 473 | 411 402 | 6 44 | 12 0 |
| 88 06 08 | 00 40 | 1634 46 | 1262 766 | 411 498 | 6 14 | 12 0 |
| 88 06 08 | 02 40 | 1634 51 | 1263 078 | 411 599 | 6 22 | 12 0 |
| 88 06 08 | 04 40 | 1634 46 | 1263 390 | 411 701 | 6 18 | 12 0 |
| 88 06 08 | 06 40 | 1634 55 | 1263 699 | 411 802 | 6 16 | 12 0 |
| 88 06 08 | 08 40 | 1634 57 | 1264 012 | 411 904 | 6 38 | 12 0 |
| 88 06 08 | 10 40 | 1634 26 | 1264 325 | 412 006 | 6 50 | 12 0 |
| 88 06 08 | 12 40 | 1634 80 | 1264 642 | 412 109 | 6 52 | 12 0 |
| 88 06 08 | 20 25 | 1648 88 | 1264 642 | 412 109 | 6 44 | 12 0 |
| 88 06 08 | 22 25 | 1638 76 | 1264 875 | 412 185 | 6 40 | 12 0 |
| 88 06 09 | 00 25 | 1634 59 | 1265 143 | 412 272 | 6 17 | 12 0 |
| 88 06 09 | 02 25 | 1634 55 | 1265 446 | 412 371 | 6 24 | 12 0 |
| 88 06 09 | 04 25 | 1634 51 | 1265 749 | 412 470 | 6 26 | 12 0 |
| 88 06 09 | 06 25 | 1634 55 | 1266 051 | 412 568 | 6 27 | 12 0 |
| 88 06 09 | 08 25 | 1634 63 | 1266 359 | 412 668 | 6 02 | 12 0 |
| 88 06 09 | 10 25 | 1635 38 | 1266 666 | 412 768 | 6 19 | 12 0 |
| 88 06 09 | 12 25 | 1634 38 | 1266 961 | 412 865 | 6 10 | 12 0 |
| 88 06 09 | 14 25 | 1638 86 | 1267 213 | 412 947 | 6 12 | 12 0 |
| 88 06 09 | 16 25 | 1639 21 | 1267 423 | 413 015 | 6 33 | 12 0 |
| 88 06 09 | 18 25 | 1639 21 | 1267 626 | 413 081 | 6 33 | 12 0 |
| 88 06 09 | 20 25 | 1639 30 | 1267 838 | 413 150 | 6 36 | 12 0 |
| 88 06 09 | 22 25 | 1639 21 | 1268 036 | 413 215 | 6 45 | 12 0 |
| 88 06 10 | 00 25 | 1639 38 | 1268 241 | 413 282 | 6 35 | 11 0 |
| 88 06 10 | 02 25 | 1639 17 | 1268 450 | 413 350 | 6 45 | 11 0 |
| 88 06 10 | 04 25 | 1639 38 | 1268 654 | 413 416 | 6 48 | 11 0 |
| 88 06 10 | 06 25 | 1635 96 | 1268 867 | 413 486 | 6 46 | 11 0 |
| 88 06 10 | 08 25 | 1634 88 | 1269 165 | 413 583 | 6 52 | 11 0 |
| 88 06 10 | 10 25 | 1634 92 | 1269 462 | 413 680 | 6 47 | 11 0 |
| 88 06 10 | 12 25 | 1634 67 | 1269 752 | 413 774 | 6 57 | 11 0 |
| 88 06 10 | 14 25 | 1634 90 | 1270 055 | 413 873 | 6 52 | 12 0 |
| 88 06 10 | 16 25 | 1634 67 | 1270 348 | 413 968 | 6 47 | 12 0 |
| 88 06 10 | 18 25 | 1634 80 | 1270 640 | 414 063 | 6 48 | 12 0 |
| 88 06 10 | 20 25 | 1634 71 | 1270 936 | 414 160 | 6 48 | 12 0 |
| 88 06 10 | 22 25 | 1634 34 | 1271 231 | 414 256 | 6 49 | 12 0 |
| 88 06 11 | 00 25 | 1634 13 | 1271 625 | 414 384 | 6 41 | 12 0 |
| 88 06 11 | 02 25 | 1633 86 | 1271 822 | 414 449 | 6 46 | 12 0 |
| 88 06 11 | 04 25 | 1633 88 | 1272 114 | 414 544 | 6 46 | 12 0 |
| 88 06 11 | 06 25 | 1633 71 | 1272 407 | 414 639 | 6 44 | 12 0 |
| 88 06 11 | 08 25 | 1638 96 | 1272 615 | 414 707 | 6 53 | 12 0 |
| 88 06 11 | 10 25 | 1639 26 | 1272 803 | 414 768 | 6 46 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 06 11 | 12 25 | 1639 76 | 1272 990 | 414 829 | 6 48 | 11 0 |
| 88 06 11 | 14 25 | 1639 76 | 1273 117 | 414 871 | 6 60 | 12 0 |
| 88 06 11 | 16 25 | 1639 84 | 1273 361 | 414 950 | 6 49 | 12 0 |
| 88 06 11 | 18 25 | 1639 80 | 1273 549 | 415 011 | 6 46 | 12 0 |
| 88 06 11 | 20 25 | 1639 88 | 1273 736 | 415 072 | 6 47 | 12 0 |
| 88 06 11 | 22 25 | 1639 84 | 1273 924 | 415 134 | 6 48 | 12 0 |
| 88 06 12 | 00 25 | 1635 05 | 1274 171 | 415 214 | 6 17 | 12 0 |
| 88 06 12 | 02 25 | 1634 80 | 1274 460 | 415 308 | 6 21 | 12 0 |
| 88 06 12 | 04 25 | 1634 92 | 1274 752 | 415 403 | 6 34 | 12 0 |
| 88 06 12 | 06 25 | 1634 71 | 1275 037 | 415 496 | 6 19 | 12 0 |
| 88 06 12 | 08 25 | 1634 76 | 1275 318 | 415 588 | 6 16 | 12 0 |
| 88 06 12 | 10 25 | 1634 80 | 1275 604 | 415 681 | 6 12 | 12 0 |
| 88 06 12 | 12 25 | 1634 80 | 1275 895 | 415 776 | 6 09 | 12 0 |
| 88 06 12 | 14 25 | 1634 71 | 1276 183 | 415 870 | 6 03 | 12 0 |
| 88 06 12 | 16 25 | 1634 88 | 1276 472 | 415 964 | 6 37 | 12 0 |
| 88 06 12 | 18 25 | 1635 05 | 1276 763 | 416 059 | 6 23 | 12 0 |
| 88 06 12 | 20 25 | 1634 76 | 1277 050 | 416 152 | 6 31 | 12 0 |
| 88 06 12 | 22 25 | 1635 05 | 1277 340 | 416 247 | 6 29 | 12 0 |
| 88 06 13 | 00 25 | 1634 71 | 1277 634 | 416 343 | 6 34 | 12 0 |
| 88 06 13 | 02 25 | 1634 55 | 1277 923 | 416 437 | 6 44 | 12 0 |
| 88 06 13 | 04 25 | 1634 67 | 1278 204 | 416 528 | 6 10 | 12 0 |
| 88 06 13 | 06 25 | 1634 63 | 1278 498 | 416 624 | 6 23 | 12 0 |
| 88 06 13 | 08 25 | 1633 88 | 1278 787 | 416 718 | 6 41 | 12 0 |
| 88 06 13 | 10 25 | 1633 80 | 1279 091 | 416 817 | 6 37 | 12 0 |
| 88 06 13 | 12 25 | 1634 09 | 1279 395 | 416 916 | 6 35 | 12 0 |
| 88 06 13 | 14 25 | 1634 05 | 1279 700 | 417 016 | 6 31 | 12 0 |
| 88 06 13 | 16 30 | 1634 01 | 1280 016 | 417 119 | 6 28 | 12 0 |
| 88 06 13 | 18 30 | 1634 21 | 1280 320 | 417 218 | 6 28 | 12 0 |
| 88 06 13 | 20 30 | 1633 92 | 1280 626 | 417 318 | 6 28 | 12 0 |
| 88 06 13 | 22 30 | 1634 05 | 1280 933 | 417 418 | 6 17 | 12 0 |
| 88 06 14 | 00 30 | 1634 09 | 1281 250 | 417 521 | 6 26 | 12 0 |
| 88 06 14 | 02 30 | 1633 96 | 1281 551 | 417 619 | 6 32 | 12 0 |
| 88 06 14 | 04 30 | 1633 96 | 1281 864 | 417 721 | 6 28 | 12 0 |
| 88 06 14 | 06 30 | 1634 01 | 1282 154 | 417 816 | 6 27 | 12 0 |
| 88 06 14 | 08 30 | 1634 03 | 1282 461 | 417 916 | 6 34 | 12 0 |
| 88 06 14 | 10 30 | 1633 96 | 1282 766 | 418 015 | 6 37 | 12 0 |
| 88 06 14 | 12 30 | 1633 94 | 1283 085 | 418 119 | 6 31 | 12 0 |
| 88 06 14 | 14 30 | 1633 82 | 1283 383 | 418 216 | 6 27 | 12 0 |
| 88 06 14 | 15 35 | | 1283 562 | 418 274 | | |
| 88 06 14 | 19 25 | 1647 80 | 1283 562 | 418 274 | 6 55 | 12 0 |
| 88 06 14 | 21 25 | 1633 63 | 1283 855 | 418 370 | 6 73 | 12 0 |
| 88 06 14 | 23 25 | 1633 63 | 1284 164 | 418 471 | 6 10 | 12 0 |
| 88 06 15 | 01 25 | 1633 51 | 1284 471 | 418 571 | 6 22 | 12 0 |
| 88 06 15 | 03 25 | 1634 13 | 1284 753 | 418 662 | 6 25 | 12 0 |
| 88 06 15 | 05 25 | 1639 38 | 1284 952 | 418 727 | 6 30 | 12 0 |
| 88 06 15 | 07 25 | 1639 28 | 1285 137 | 418 788 | 6 42 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 06 15 | 09 25 | 1639 38 | 1285 316 | 418 846 | 6 38 | 12 0 |
| 88 06 15 | 11 25 | 1634 05 | 1285 574 | 418 930 | 6 41 | 12 0 |
| 88 06 15 | 13 25 | 1633 96 | 1285 870 | 419 026 | 6 40 | 12 0 |
| 88 06 15 | 15 25 | 1634 13 | 1286 152 | 419 118 | 6 43 | 12 0 |
| 88 06 15 | 17 30 | 1634 09 | 1286 469 | 419 222 | 6 38 | 12 0 |
| 88 06 15 | 19 30 | 1634 21 | 1286 739 | 419 310 | 6 39 | 12 0 |
| 88 06 15 | 21 30 | 1633 96 | 1287 027 | 419 403 | 6 25 | 12 0 |
| 88 06 15 | 23 30 | 1633 63 | 1287 314 | 419 497 | 6 31 | 12 0 |
| 88 06 16 | 01 30 | 1634 30 | 1287 601 | 419 591 | 6 30 | 12 0 |
| 88 06 16 | 03 30 | 1633 13 | 1287 883 | 419 682 | 6 14 | 12 0 |
| 88 06 16 | 05 30 | 1633 21 | 1288 164 | 419 774 | 6 18 | 12 0 |
| 88 06 16 | 07 30 | 1632 96 | 1288 448 | 419 867 | 6 20 | 12 0 |
| 88 06 16 | 08 05 | 1632 88 | 1288 528 | 419 893 | 6 34 | 12 0 |
| 88 06 16 | 12 40 | 1637 55 | 1288 528 | 419 893 | 6 40 | 12 0 |
| 88 06 16 | 14 40 | 1632 96 | 1288 813 | 419 985 | 6 27 | 12 0 |
| 88 06 16 | 16 40 | 1633 96 | 1289 111 | 420 083 | 6 18 | 12 0 |
| 88 06 16 | 18 40 | 1633 71 | 1289 409 | 420 180 | 6 04 | 12 0 |
| 88 06 16 | 20 40 | 1633 63 | 1289 694 | 420 273 | 6 20 | 12 0 |
| 88 06 16 | 22 40 | 1633 71 | 1289 969 | 420 362 | 6 33 | 12 0 |
| 88 06 17 | 00 40 | 1633 51 | 1290 260 | 420 457 | 5 95 | 12 0 |
| 88 06 17 | 02 40 | 1633 86 | 1290 550 | 420 552 | 6 05 | 12 0 |
| 88 06 17 | 03 48 | | 1290 712 | 420 604 | | |
| 88 06 17 | 09 20 | 1637 46 | 1290 712 | 420 604 | 6 23 | 12 0 |
| 88 06 17 | 11 20 | 1633 80 | 1291 011 | 420 702 | 6 26 | 12 0 |
| 88 06 17 | 13 20 | 1633 84 | 1291 306 | 420 798 | 6 31 | 12 0 |
| 88 06 17 | 15 20 | 1633 88 | 1291 583 | 420 888 | 6 27 | 12 0 |
| 88 06 17 | 17 20 | 1633 63 | 1291 889 | 420 988 | 6 18 | 11 0 |
| 88 06 17 | 19 20 | 1633 76 | 1292 159 | 421 076 | 6 24 | 11 0 |
| 88 06 17 | 21 20 | 1633 63 | 1292 450 | 421 171 | 6 24 | 11 0 |
| 88 06 17 | 23 20 | 1633 05 | 1292 744 | 421 266 | 6 02 | 12 0 |
| 88 06 18 | 01 30 | 1632 63 | 1293 032 | 421 360 | 6 09 | 12 0 |
| 88 06 18 | 03 20 | 1632 71 | 1293 315 | 421 453 | 6 13 | 12 0 |
| 88 06 18 | 05 20 | 1632 38 | 1293 603 | 421 546 | 6 15 | 12 0 |
| 88 06 18 | 07 20 | 1632 48 | 1293 887 | 421 639 | 6 19 | 12 0 |
| 88 06 18 | 09 20 | 1632 44 | 1294 170 | 421 731 | 6 25 | 12 0 |
| 88 06 18 | 11 20 | 1632 19 | 1294 455 | 421 824 | 6 20 | 12 0 |
| 88 06 18 | 13 20 | 1631 61 | 1294 738 | 421 916 | 6 50 | 12 0 |
| 88 06 18 | 15 15 | 1631 71 | 1295 007 | 422 004 | 6 36 | 12 0 |
| 88 06 18 | 17 15 | 1631 59 | 1295 293 | 422 097 | 6 38 | 12 0 |
| 88 06 18 | 19 15 | 1631 34 | 1295 580 | 422 191 | 6 39 | 12 0 |
| 88 06 18 | 21 15 | 1631 30 | 1295 869 | 422 285 | 6 41 | 12 0 |
| 88 06 18 | 23 15 | 1630 96 | 1296 159 | 422 379 | 6 49 | 12 0 |
| 88 06 19 | 01 15 | 1630 96 | 1296 446 | 422 473 | 6 13 | 12 0 |
| 88 06 19 | 03 15 | 1631 01 | 1296 732 | 422 566 | 6 19 | 12 0 |
| 88 06 19 | 05 15 | 1630 80 | 1297 017 | 422 659 | 6 33 | 12 0 |
| 88 06 19 | 07 15 | 1630 80 | 1297 298 | 422 750 | 6 30 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 06 19 | 09 15 | 1630 80 | 1297 573 | 422 840 | 6 20 | 12 0 |
| 88 06 19 | 11 15 | 1630 80 | 1297 840 | 422 927 | 6 12 | 12 0 |
| 88 06 19 | 13 15 | 1630 80 | 1298 154 | 423 029 | 6 09 | 12 0 |
| 88 06 19 | 15 15 | 1630 59 | 1298 443 | 423 124 | 6 35 | 12 0 |
| 88 06 19 | 17 15 | 1630 96 | 1298 736 | 423 219 | 6 40 | 12 0 |
| 88 06 19 | 19 15 | 1630 98 | 1299 019 | 423 311 | 6 38 | 12 0 |
| 88 06 19 | 21 15 | 1630 55 | 1299 303 | 423 404 | 6 44 | 12 0 |
| 88 06 19 | 23 15 | 1630 42 | 1299 589 | 423 497 | 6 50 | 12 0 |
| 88 06 20 | 01 15 | 1630 55 | 1299 884 | 423 593 | 6 17 | 12 0 |
| 88 06 20 | 03 15 | 1630 30 | 1300 170 | 423 686 | 6 22 | 12 0 |
| 88 06 20 | 05 15 | 1630 21 | 1300 451 | 423 778 | 6 21 | 12 0 |
| 88 06 20 | 07 15 | 1630 34 | 1300 737 | 423 871 | 6 19 | 12 0 |
| 88 06 20 | 09 15 | 1630 07 | 1301 012 | 423 961 | 6 10 | 12 0 |
| 88 06 20 | 11 15 | 1631 01 | 1301 315 | 424 060 | 6 44 | 12 0 |
| 88 06 20 | 13 15 | 1630 76 | 1301 591 | 424 149 | 6 76 | 12 0 |
| 88 06 20 | 15 15 | 1631 01 | 1301 877 | 424 243 | 6 31 | 12 0 |
| 88 06 20 | 17 15 | 1631 26 | 1302 168 | 424 337 | 6 30 | 12 0 |
| 88 06 20 | 19 15 | 1631 59 | 1302 460 | 424 433 | 6 36 | 12 0 |
| 88 06 20 | 21 15 | 1630 92 | 1302 741 | 424 524 | 6 44 | 12 0 |
| 88 06 20 | 23 15 | 1630 34 | 1303 039 | 424 621 | 6 49 | 12 0 |
| 88 06 21 | 01 15 | 1630 26 | 1303 316 | 424 712 | 6 21 | 12 0 |
| 88 06 21 | 03 15 | 1630 30 | 1303 606 | 424 806 | 6 18 | 12 0 |
| 88 06 21 | 05 15 | 1630 05 | 1303 891 | 424 899 | 6 22 | 12 0 |
| 88 06 21 | 07 15 | 1630 13 | 1304 174 | 424 991 | 6 14 | 12 0 |
| 88 06 21 | 09 15 | 1630 26 | 1304 458 | 425 084 | 6 28 | 12 0 |
| 88 06 21 | 11 15 | 1630 44 | 1304 745 | 425 177 | 6 40 | 12 0 |
| 88 06 21 | 13 15 | 1630 44 | 1305 028 | 425 269 | 6 41 | 12 0 |
| 88 06 21 | 15 15 | 1630 38 | 1305 314 | 425 363 | 6 40 | 12 0 |
| 88 06 21 | 17 15 | 1630 38 | 1305 593 | 425 454 | 6 41 | 12 0 |
| 88 06 21 | 19 15 | 1630 21 | 1305 878 | 425 546 | 6 38 | 12 0 |
| 88 06 21 | 21 15 | 1630 21 | 1306 162 | 425 639 | 6 45 | 12 0 |
| 88 06 21 | 23 15 | 1629 84 | 1306 442 | 425 730 | 6 55 | 12 0 |
| 88 06 22 | 01 15 | 1629 21 | 1306 732 | 425 825 | 6 23 | 12 0 |
| 88 06 22 | 03 15 | 1629 05 | 1307 004 | 425 913 | 6 25 | 12 0 |
| 88 06 22 | 05 15 | 1628 88 | 1307 285 | 426 005 | 6 22 | 12 0 |
| 88 06 22 | 07 15 | 1628 63 | 1307 573 | 426 099 | 6 20 | 12 0 |
| 88 06 22 | 09 15 | 1628 88 | 1307 829 | 426 182 | 6 12 | 12 0 |
| 88 06 22 | 11 15 | 1628 96 | 1308 117 | 426 276 | 6 10 | 12 0 |
| 88 06 22 | 13 15 | 1629 38 | 1308 422 | 426 375 | 6 13 | 12 0 |
| 88 06 22 | 15 15 | 1629 80 | 1308 704 | 426 467 | 6 42 | 12 0 |
| 88 06 22 | 17 15 | 1630 05 | 1308 988 | 426 560 | 6 33 | 12 0 |
| 88 06 22 | 19 15 | 1629 71 | 1309 269 | 426 651 | 6 26 | 11 0 |
| 88 06 22 | 21 15 | 1629 67 | 1309 535 | 426 738 | 6 37 | 11 0 |
| 88 06 22 | 23 15 | 1629 30 | 1309 841 | 426 838 | 6 42 | 12 0 |
| 88 06 23 | 01 15 | 1629 38 | 1310 130 | 426 932 | 6 47 | 12 0 |
| 88 06 23 | 03 15 | 1629 71 | 1310 410 | 427 023 | 6 55 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 06 23 | 05 15 | 1629 88 | 1310 691 | 427 115 | 6 50 | 12 0 |
| 88 06 23 | 07 15 | 1629 76 | 1310 977 | 427 208 | 6 10 | 12 0 |
| 88 06 23 | 09 15 | 1629 36 | 1311 265 | 427 302 | 6 27 | 11 0 |
| 88 06 23 | 11 15 | 1629 19 | 1311 543 | 427 393 | 6 33 | 11 0 |
| 88 06 23 | 13 15 | 1628 86 | 1311 825 | 427 484 | 6 30 | 11 0 |
| 88 06 23 | 15 15 | 1628 76 | 1312 115 | 427 579 | 6 42 | 11 0 |
| 88 06 23 | 17 15 | 1628 63 | 1312 384 | 427 667 | 6 32 | 11 0 |
| 88 06 23 | 19 15 | 1628 71 | 1312 666 | 427 758 | 6 39 | 11 0 |
| 88 06 23 | 21 15 | 1628 67 | 1312 952 | 427 852 | 6 05 | 11 0 |
| 88 06 23 | 23 15 | 1628 38 | 1313 221 | 427 939 | 6 04 | 12 0 |
| 88 06 24 | 01 15 | 1628 38 | 1313 497 | 428 029 | 6 08 | 12 0 |
| 88 06 24 | 03 15 | 1628 13 | 1313 777 | 428 121 | 6 13 | 12 0 |
| 88 06 24 | 05 15 | 1628 13 | 1314 059 | 428 212 | 6 10 | 12 0 |
| 88 06 24 | 07 15 | 1628 19 | 1314 342 | 428 305 | 6 16 | 12 0 |
| 88 06 24 | 09 15 | 1628 23 | 1314 621 | 428 396 | 6 24 | 11 0 |
| 88 06 24 | 11 15 | 1628 40 | 1314 900 | 428 486 | 6 08 | 11 0 |
| 88 06 24 | 13 45 | 1628 51 | 1315 248 | 428 600 | 6 02 | 11 0 |
| 88 06 25 | 21 00 | 1639 84 | 1315 248 | 428 600 | 6 29 | 12 0 |
| 88 06 25 | 23 15 | 1627 80 | 1315 571 | 428 705 | 6 24 | 12 0 |
| 88 06 26 | 01 15 | 1627 51 | 1315 849 | 428 796 | 6 33 | 12 0 |
| 88 06 26 | 03 15 | 1627 38 | 1316 126 | 428 886 | 6 10 | 12 0 |
| 88 06 26 | 05 15 | 1627 30 | 1316 405 | 428 977 | 6 14 | 11 0 |
| 88 06 26 | 07 15 | 1627 21 | 1316 674 | 429 065 | 6 32 | 12 0 |
| 88 06 26 | 09 15 | 1627 38 | 1316 970 | 429 161 | 6 24 | 12 0 |
| 88 06 26 | 11 15 | 1627 13 | 1317 247 | 429 251 | 6 14 | 12 0 |
| 88 06 26 | 13 15 | 1627 55 | 1317 540 | 429 347 | 6 10 | 12 0 |
| 88 06 26 | 15 15 | 1627 63 | 1317 842 | 429 445 | 6 16 | 11 0 |
| 88 06 26 | 17 15 | 1627 80 | 1318 125 | 429 537 | 6 21 | 11 0 |
| 88 06 26 | 19 15 | 1627 88 | 1318 408 | 429 630 | 6 11 | 11 0 |
| 88 06 26 | 21 15 | 1627 96 | 1318 688 | 429 721 | 6 01 | 11 0 |
| 88 06 26 | 23 15 | 1627 80 | 1318 976 | 429 815 | 6 10 | 12 0 |
| 88 06 27 | 01 15 | 1627 32 | 1319 256 | 429 906 | 6 12 | 12 0 |
| 88 06 27 | 03 15 | 1627 28 | 1319 548 | 430 001 | 6 21 | 12 0 |
| 88 06 27 | 05 15 | 1627 34 | 1319 821 | 430 090 | 6 26 | 12 0 |
| 88 06 27 | 07 15 | 1627 38 | 1320 075 | 430 173 | 6 31 | 12 0 |
| 88 06 27 | 09 15 | 1627 23 | 1320 331 | 430 256 | 6 23 | 12 0 |
| 88 06 27 | 11 15 | 1627 21 | 1320 588 | 430 340 | 6 33 | 12 0 |
| 88 06 27 | 13 15 | 1627 21 | 1320 845 | 430 424 | 6 27 | 12 0 |
| 88 06 27 | 15 15 | 1627 21 | 1321 110 | 430 510 | 6 05 | 12 0 |
| 88 06 27 | 17 15 | 1627 26 | 1321 356 | 430 590 | 5 98 | 12 0 |
| 88 06 27 | 19 15 | 1627 76 | 1321 600 | 430 670 | 5 90 | 12 0 |
| 88 06 27 | 21 15 | 1627 90 | 1321 843 | 430 749 | 5 92 | 12 0 |
| 88 06 27 | 23 15 | 1627 86 | 1322 087 | 430 828 | 6 07 | 12 0 |
| 88 06 28 | 01 15 | 1628 07 | 1322 347 | 430 913 | 6 14 | 12 0 |
| 88 06 28 | 03 15 | 1628 01 | 1322 572 | 430 987 | 6 18 | 12 0 |
| 88 06 28 | 05 15 | 1628 01 | 1322 810 | 431 064 | 6 21 | 12 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 06 28 | 07 15 | 1627 80 | 1323 059 | 431 145 | 6 22 | 12 0 |
| 88 06 28 | 09 15 | 1627 88 | 1323 297 | 431 223 | 6 14 | 12 0 |
| 88 06 28 | 11 15 | 1627 63 | 1323 562 | 431 309 | 6 46 | 12 0 |
| 88 06 28 | 13 15 | | 1323 837 | 431 399 | 6 32 | 12 0 |
| 88 06 28 | 15 15 | 1627 46 | 1324 137 | 431 497 | 6 43 | 11 0 |
| 88 06 28 | 17 15 | 1627 46 | 1324 475 | 431 607 | 6 28 | 11 0 |
| 88 06 28 | 19 15 | 1627 51 | 1324 731 | 431 690 | 6 15 | 11 0 |
| 88 06 28 | 21 15 | 1627 55 | 1325 030 | 431 788 | 6 36 | 11 0 |
| 88 06 28 | 23 15 | 1627 55 | 1325 329 | 431 885 | 6 04 | 11 0 |
| 88 06 29 | 01 15 | 1627 17 | 1325 623 | 431 981 | 6 06 | 12 0 |
| 88 06 29 | 03 15 | 1626 98 | 1325 933 | 432 082 | 6 10 | 11 0 |
| 88 06 29 | 05 15 | 1627 05 | 1326 323 | 432 209 | 6 18 | 12 0 |
| 88 06 29 | 07 15 | 1626 69 | 1326 536 | 432 278 | 6 25 | 12 0 |
| 88 06 29 | 09 15 | 1626 78 | 1326 836 | 432 376 | 6 09 | 12 0 |
| 88 06 29 | 11 15 | 1626 94 | 1327 136 | 432 474 | 6 13 | 11 0 |
| 88 06 29 | 13 15 | 1627 01 | 1327 436 | 432 572 | 6 12 | 11 0 |
| 88 06 29 | 15 15 | 1627 59 | 1327 742 | 432 671 | 6 13 | 11 0 |
| 88 06 29 | 17 15 | 1627 88 | 1328 027 | 432 764 | 6 18 | 11 0 |
| 88 06 29 | 19 15 | 1628 30 | 1328 331 | 432 863 | 6 04 | 11 0 |
| 88 06 29 | 21 15 | 1628 21 | 1328 627 | 432 960 | 6 06 | 11 0 |
| 88 06 29 | 23 15 | 1628 40 | 1328 932 | 433 059 | 6 11 | 11 0 |
| 88 06 30 | 01 15 | 1628 38 | 1329 230 | 433 156 | 6 20 | 11 0 |
| 88 06 30 | 03 15 | 1628 21 | 1329 530 | 433 254 | 6 19 | 11 0 |
| 88 06 30 | 05 15 | 1628 34 | 1329 831 | 433 352 | 6 26 | 11 0 |
| 88 06 30 | 05 27 | | 1329 862 | 433 362 | | 11 0 |
| 88 07 02 | 20 30 | 1641 07 | 1329 927 | 433 383 | 6 17 | 12 0 |
| 88 07 02 | 22 30 | 1628 96 | 1330 221 | 433 479 | 6 36 | 12 0 |
| 88 07 03 | 00 30 | 1628 88 | 1330 520 | 433 577 | 6 04 | 11 0 |
| 88 07 03 | 02 30 | 1628 59 | 1330 821 | 433 675 | 6 07 | 11 0 |
| 88 07 03 | 04 30 | 1628 55 | 1331 126 | 433 774 | 6 13 | 11 0 |
| 88 07 03 | 06 30 | 1628 84 | 1331 432 | 433 874 | 6 18 | 11 0 |
| 88 07 03 | 08 30 | 1629 05 | 1331 737 | 433 973 | 6 12 | 11 0 |
| 88 07 03 | 10 30 | 1629 21 | 1332 041 | 434 072 | 6 20 | 11 0 |
| 88 07 03 | 12 30 | 1629 26 | 1332 346 | 434 172 | 6 09 | 11 0 |
| 88 07 03 | 14 30 | 1629 09 | 1332 656 | 434 273 | 6 14 | 11 0 |
| 88 07 03 | 16 30 | 1629 05 | 1332 972 | 434 376 | 6 27 | 11 0 |
| 88 07 03 | 18 30 | 1629 21 | 1333 273 | 434 474 | 6 31 | 11 0 |
| 88 07 03 | 20 30 | 1629 19 | 1333 578 | 434 573 | 6 22 | 11 0 |
| 88 07 03 | 22 30 | 1629 21 | 1333 885 | 434 673 | 6 25 | 11 0 |
| 88 07 04 | 00 30 | 1629 21 | 1334 191 | 434 773 | 6 31 | 12 0 |
| 88 07 04 | 02 30 | 1629 13 | 1334 499 | 434 873 | 6 15 | 12 0 |
| 88 07 04 | 04 30 | 1629 21 | 1334 801 | 434 972 | 6 24 | 11 0 |
| 88 07 04 | 06 30 | 1629 09 | 1335 109 | 435 072 | 6 31 | 11 0 |
| 88 07 04 | 08 30 | 1629 21 | 1335 406 | 435 169 | 6 30 | 11 0 |
| 88 07 04 | 10 30 | 1629 30 | 1335 708 | 435 267 | 6 22 | 11 0 |
| 88 07 04 | 12 30 | 1629 13 | 1336 016 | 435 368 | 6 15 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 07 04 | 14 30 | 1629 17 | 1336 326 | 435 469 | 6 09 | 11 0 |
| 88 07 04 | 16 30 | 1628 96 | 1336 597 | 435 557 | 6 48 | 11 0 |
| 88 07 04 | 18 30 | 1629 01 | 1336 955 | 435 674 | 6 47 | 11 0 |
| 88 07 04 | 20 30 | 1628 88 | 1337 245 | 435 768 | 6 49 | 12 0 |
| 88 07 04 | 22 30 | 1628 86 | 1337 543 | 435 865 | 6 45 | 12 0 |
| 88 07 05 | 00 30 | 1628 88 | 1337 858 | 435 968 | 6 04 | 12 0 |
| 88 07 05 | 02 30 | 1628 76 | 1338 149 | 436 063 | 6 05 | 12 0 |
| 88 07 05 | 04 30 | 1628 80 | 1338 456 | 436 163 | 6 12 | 12 0 |
| 88 07 05 | 06 30 | 1628 84 | 1338 757 | 436 261 | 6 21 | 12 0 |
| 88 07 05 | 08 30 | 1628 80 | 1339 059 | 436 359 | 6 15 | 12 0 |
| 88 07 05 | 10 30 | 1628 67 | 1339 360 | 436 457 | 6 12 | 12 0 |
| 88 07 05 | 12 30 | 1628 51 | 1339 666 | 436 557 | 6 09 | 12 0 |
| 88 07 05 | 14 30 | 1628 38 | 1339 967 | 436 655 | 6 11 | 12 0 |
| 88 07 05 | 16 30 | 1628 51 | 1340 278 | 436 756 | 6 20 | 12 0 |
| 88 07 05 | 18 30 | 1628 46 | 1340 582 | 436 855 | 5 98 | 12 0 |
| 88 07 05 | 20 30 | 1628 51 | 1340 885 | 436 954 | 6 14 | 12 0 |
| 88 07 05 | 22 30 | 1628 17 | 1341 190 | 437 054 | 6 11 | 12 0 |
| 88 07 06 | 00 30 | 1628 30 | 1341 488 | 437 151 | 6 05 | 12 0 |
| 88 07 06 | 02 30 | 1628 26 | 1341 785 | 437 247 | 6 08 | 12 0 |
| 88 07 06 | 04 30 | 1628 13 | 1342 088 | 437 346 | 6 15 | 12 0 |
| 88 07 06 | 06 30 | 1628 23 | 1342 386 | 437 443 | 6 20 | 12 0 |
| 88 07 06 | 08 30 | 1627 96 | 1342 694 | 437 544 | 6 27 | 12 0 |
| 88 07 06 | 10 30 | 1627 88 | 1342 995 | 437 642 | 6 32 | 12 0 |
| 88 07 06 | 12 30 | 1627 80 | 1343 295 | 437 740 | 6 33 | 12 0 |
| 88 07 06 | 14 30 | 1628 05 | 1343 597 | 437 838 | 6 41 | 12 0 |
| 88 07 06 | 23 15 | 1640 01 | 1343 811 | 437 908 | 5 97 | 12 0 |
| 88 07 07 | 01 15 | 1627 94 | 1344 071 | 437 992 | 6 05 | 12 0 |
| 88 07 07 | 03 15 | 1627 30 | 1344 373 | 438 091 | 6 07 | 12 0 |
| 88 07 07 | 05 15 | 1627 21 | 1344 676 | 438 190 | 6 18 | 12 0 |
| 88 07 07 | 07 15 | 1627 05 | 1344 982 | 438 289 | 6 27 | 12 0 |
| 88 07 07 | 09 15 | 1626 71 | 1345 282 | 438 387 | 5 98 | 12 0 |
| 88 07 07 | 11 15 | 1627 01 | 1345 587 | 438 486 | 6 34 | 12 0 |
| 88 07 07 | 12 15 | 1626 96 | 1345 735 | 438 535 | 6 27 | 12 0 |
| 88 07 07 | 23 20 | 1638 73 | 1345 735 | 438 535 | 5 75 | 11 0 |
| 88 07 08 | 01 20 | 1627 38 | 1346 038 | 438 633 | 5 88 | 11 0 |
| 88 07 08 | 03 20 | 1626 96 | 1346 343 | 438 733 | 6 06 | 11 0 |
| 88 07 08 | 05 20 | 1626 98 | 1346 649 | 438 833 | 5 98 | 11 0 |
| 88 07 08 | 07 20 | 1626 88 | 1346 964 | 438 935 | 5 99 | 12 0 |
| 88 07 08 | 09 20 | 1626 80 | 1347 279 | 439 038 | 6 07 | 12 0 |
| 88 07 08 | 11 20 | 1627 30 | 1347 575 | 439 134 | 6 04 | 12 0 |
| 88 07 08 | 13 20 | 1627 38 | 1347 882 | 439 234 | 6 11 | 12 0 |
| 88 07 08 | 15 20 | 1627 67 | 1348 195 | 439 336 | 5 97 | 12 0 |
| 88 07 08 | 17 20 | 1627 78 | 1348 515 | 439 441 | 6 06 | 12 0 |
| 88 07 08 | 21 50 | 1639 71 | 1348 581 | 439 462 | 5 90 | 12 0 |
| 88 07 08 | 23 50 | 1629 05 | 1348 809 | 439 536 | 5 97 | 12 0 |
| 88 07 09 | 01 50 | 1628 92 | 1349 035 | 439 610 | 6 07 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 07 09 | 03 50 | 1628 80 | 1349 262 | 439 684 | 6 11 | 12 0 |
| 88 07 09 | 05 50 | 1628 51 | 1349 490 | 439 758 | 6 19 | 12 0 |
| 88 07 09 | 07 50 | 1628 63 | 1349 713 | 439 831 | 6 05 | 12 0 |
| 88 07 09 | 09 50 | 1628 42 | 1349 938 | 439 904 | 6 20 | 12 0 |
| 88 07 09 | 11 50 | 1628 34 | 1350 163 | 439 978 | 6 10 | 12 0 |
| 88 07 09 | 13 50 | 1628 44 | 1350 388 | 440 051 | 6 33 | 12 0 |
| 88 07 09 | 15 15 | 1628 21 | 1350 616 | 440 125 | 6 15 | 12 0 |
| 88 07 09 | 17 50 | 1627 67 | 1350 891 | 440 215 | 6 22 | 12 0 |
| 88 07 09 | 19 50 | 1627 46 | 1351 196 | 440 314 | 6 30 | 12 0 |
| 88 07 09 | 21 50 | 1627 38 | 1351 504 | 440 415 | 6 30 | 12 0 |
| 88 07 09 | 23 50 | 1628 05 | 1351 820 | 440 518 | 6 34 | 12 0 |
| 88 07 10 | 01 30 | 1627 51 | 1352 128 | 440 618 | 6 28 | 12 0 |
| 88 07 10 | 03 50 | 1627 38 | 1352 486 | 440 735 | 6 25 | 12 0 |
| 88 07 10 | 05 50 | 1626 42 | 1352 742 | 440 818 | 6 15 | 12 0 |
| 88 07 10 | 07 50 | 1627 38 | 1353 032 | 440 913 | 6 10 | 12 0 |
| 88 07 10 | 09 50 | 1627 30 | 1353 343 | 441 014 | 6 13 | 12 0 |
| 88 07 10 | 11 50 | 1627 38 | 1353 651 | 441 114 | 6 09 | 12 0 |
| 88 07 10 | 13 50 | 1627 13 | 1353 959 | 441 215 | 6 05 | 12 0 |
| 88 07 10 | 15 50 | 1627 21 | 1354 267 | 441 315 | 6 26 | 12 0 |
| 88 07 10 | 17 50 | 1627 21 | 1354 754 | 441 474 | 6 20 | 12 0 |
| 88 07 10 | 19 50 | 1626 96 | 1354 882 | 441 515 | 6 15 | 12 0 |
| 88 07 10 | 21 50 | 1627 05 | 1355 191 | 441 616 | 6 20 | 12 0 |
| 88 07 10 | 23 50 | 1626 80 | 1355 500 | 441 717 | 5 76 | 12 0 |
| 88 07 11 | 01 50 | 1626 94 | 1355 808 | 441 817 | 5 95 | 12 0 |
| 88 07 11 | 03 50 | 1627 19 | 1356 115 | 441 917 | 6 11 | 12 0 |
| 88 07 11 | 05 50 | 1626 92 | 1356 424 | 442 018 | 6 23 | 12 0 |
| 88 07 11 | 07 50 | 1626 71 | 1356 740 | 442 121 | 5 66 | 12 0 |
| 88 07 11 | 09 50 | 1626 63 | 1357 049 | 442 222 | 5 73 | 12 0 |
| 88 07 11 | 11 50 | 1626 80 | 1357 358 | 442 322 | 6 00 | 12 0 |
| 88 07 11 | 13 50 | 1627 13 | 1357 663 | 442 422 | 5 86 | 12 0 |
| 88 07 11 | 15 50 | 1633 30 | 1357 970 | 442 522 | 6 55 | 12 0 |
| 88 07 11 | 17 50 | 1627 76 | 1358 274 | 442 621 | 6 59 | 12 0 |
| 88 07 11 | 19 50 | 1627 71 | 1358 586 | 442 722 | 6 47 | 12 0 |
| 88 07 11 | 21 50 | 1627 69 | 1358 894 | 442 823 | 6 56 | 12 0 |
| 88 07 11 | 23 50 | 1627 88 | 1359 201 | 442 923 | 5 81 | 12 0 |
| 88 07 12 | 01 50 | 1628 05 | 1359 515 | 443 025 | 6 01 | 12 0 |
| 88 07 12 | 03 50 | 1628 01 | 1359 818 | 443 124 | 6 11 | 12 0 |
| 88 07 12 | 05 50 | 1627 96 | 1360 125 | 443 224 | 6 13 | 12 0 |
| 88 07 12 | 07 20 | 1628 30 | 1360 356 | 443 299 | 6 21 | 12 0 |
| 88 07 13 | 21 20 | 1640 76 | 1360 356 | 443 299 | 6 12 | 12 0 |
| 88 07 13 | 23 20 | 1629 21 | 1360 693 | 443 409 | 6 14 | 12 0 |
| 88 07 14 | 01 20 | 1629 05 | 1361 007 | 443 511 | 6 19 | 12 0 |
| 88 07 14 | 03 20 | 1628 92 | 1361 322 | 443 614 | 6 22 | 12 0 |
| 88 07 14 | 05 20 | 1628 63 | 1361 638 | 443 717 | 6 19 | 12 0 |
| 88 07 14 | 06 42 | 1628 71 | 1361 845 | 443 784 | 6 21 | 12 0 |
| 88 07 14 | 08 45 | 1639 71 | 1361 845 | 443 784 | | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 07 14 | 09 00 | 1633 23 | 1361 867 | 443 792 | | 12 0 |
| 88 07 14 | 11 55 | 1633 23 | 1361 867 | 443 792 | 6 21 | 12 0 |
| 88 07 14 | 14 55 | 1632 13 | 1362 096 | 443 866 | 6 09 | 12 0 |
| 88 07 14 | 16 55 | 1631 63 | 1362 282 | 443 927 | 6 34 | 12 0 |
| 88 07 14 | 19 30 | 1631 21 | 1362 492 | 443 995 | 6 18 | 12 0 |
| 88 07 14 | 21 37 | 1628 80 | 1362 644 | 444 045 | | |
| 88 07 15 | 14 05 | 1639 38 | 1362 664 | 444 051 | 6 25 | 12 0 |
| 88 07 15 | 16 05 | 1630 88 | 1362 850 | 444 112 | 6 24 | 12 0 |
| 88 07 15 | 18 05 | 1630 84 | 1363 045 | 444 175 | 6 19 | 12 0 |
| 88 07 15 | 20 05 | 1631 05 | 1363 238 | 444 238 | 6 63 | 12 0 |
| 88 07 15 | 22 05 | 1629 05 | 1363 453 | 444 308 | 6 58 | 12 0 |
| 88 07 16 | 00 05 | 1629 01 | 1363 767 | 444 411 | 6 22 | 12 0 |
| 88 07 16 | 02 05 | 1629 05 | 1364 079 | 444 512 | 6 26 | 12 0 |
| 88 07 16 | 04 05 | 1629 03 | 1364 396 | 444 616 | 6 27 | 12 0 |
| 88 07 16 | 06 05 | 1629 09 | 1364 706 | 444 717 | 6 27 | 12 0 |
| 88 07 16 | 08 05 | 1629 13 | 1365 019 | 444 819 | 6 20 | 12 0 |
| 88 07 16 | 10 05 | 1629 26 | 1365 321 | 444 917 | 6 15 | 12 0 |
| 88 07 16 | 12 05 | 1629 17 | 1365 634 | 445 019 | 6 25 | 12 0 |
| 88 07 16 | 14 05 | 1629 36 | 1365 965 | 445 127 | 6 29 | 11 0 |
| 88 07 16 | 16 05 | 1629 26 | 1366 274 | 445 228 | 6 22 | 11 0 |
| 88 07 16 | 18 05 | 1628 46 | 1366 586 | 445 329 | 6 32 | 11 0 |
| 88 07 16 | 20 05 | 1629 38 | 1366 899 | 445 431 | 6 27 | 11 0 |
| 88 07 16 | 22 05 | 1629 53 | 1367 219 | 445 536 | 6 22 | 11 0 |
| 88 07 17 | 00 05 | 1629 40 | 1367 524 | 445 635 | 6 14 | 11 0 |
| 88 07 17 | 02 05 | 1629 57 | 1367 839 | 445 738 | 6 19 | 11 0 |
| 88 07 17 | 04 05 | 1629 63 | 1368 156 | 445 841 | 6 18 | 11 0 |
| 88 07 17 | 06 05 | 1629 61 | 1368 465 | 445 942 | 5 87 | 11 0 |
| 88 07 17 | 08 05 | 1629 71 | 1368 764 | 446 039 | 6 20 | 11 0 |
| 88 07 17 | 10 05 | 1629 63 | 1369 079 | 446 142 | 6 18 | 11 0 |
| 88 07 17 | 12 05 | 1629 76 | 1369 406 | 446 248 | 6 19 | 12 0 |
| 88 07 17 | 14 05 | 1629 71 | 1369 709 | 446 347 | 6 09 | 12 0 |
| 88 07 17 | 16 05 | 1629 84 | 1370 038 | 446 454 | 6 24 | 12 0 |
| 88 07 17 | 18 05 | 1629 80 | 1370 351 | 446 556 | 6 16 | 12 0 |
| 88 07 17 | 20 05 | 1629 84 | 1370 664 | 446 658 | 6 23 | 12 0 |
| 88 07 17 | 22 05 | 1629 90 | 1370 976 | 446 760 | 6 56 | 12 0 |
| 88 07 18 | 00 05 | 1629 80 | 1371 294 | 446 864 | 6 25 | 11 0 |
| 88 07 18 | 02 05 | 1629 96 | 1371 594 | 446 961 | 6 18 | 11 0 |
| 88 07 18 | 04 05 | 1630 01 | 1371 904 | 447 062 | 6 13 | 11 0 |
| 88 07 18 | 06 05 | 1629 88 | 1372 218 | 447 165 | 6 12 | 11 0 |
| 88 07 18 | 08 05 | 1630 05 | 1372 531 | 447 267 | 6 07 | 12 0 |
| 88 07 18 | 10 05 | 1629 88 | 1372 846 | 447 369 | 6 37 | 12 0 |
| 88 07 18 | 12 05 | 1630 05 | 1373 158 | 447 471 | 6 43 | 12 0 |
| 88 07 18 | 14 05 | 1629 88 | 1373 469 | 447 572 | 6 27 | 12 0 |
| 88 07 18 | 16 05 | 1630 09 | 1373 779 | 447 673 | 6 31 | 12 0 |
| 88 07 18 | 18 05 | 1629 96 | 1374 092 | 447 775 | 6 35 | 12 0 |
| 88 07 18 | 20 05 | 1630 15 | 1374 403 | 447 877 | 6 73 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 07 18 | 22 05 | 1630 11 | 1374 713 | 447 978 | 6 12 | 11 0 |
| 88 07 19 | 00 05 | 1630 09 | 1375 022 | 448 078 | 5 83 | 11 0 |
| 88 07 19 | 02 05 | 1630 17 | 1375 334 | 448 180 | 6 07 | 11 0 |
| 88 07 19 | 04 05 | 1630 13 | 1375 642 | 448 280 | 6 10 | 12 0 |
| 88 07 19 | 06 05 | 1630 13 | 1375 952 | 448 381 | 6 08 | 12 0 |
| 88 07 19 | 08 05 | 1630 21 | 1376 262 | 448 482 | 6 10 | 12 0 |
| 88 07 19 | 09 15 | 1627 21 | 1376 447 | 448 543 | 6 12 | 12 0 |
| 88 07 19 | 20 45 | 1642 05 | 1376 447 | 448 543 | | 12 0 |
| 88 07 19 | 23 51 | 1642 26 | 1376 608 | 448 595 | 6 06 | 12 0 |
| 88 07 20 | 01 50 | 1630 92 | 1376 917 | 448 696 | 6 10 | 12 0 |
| 88 07 20 | 03 50 | 1631 01 | 1377 232 | 448 799 | 6 15 | 12 0 |
| 88 07 20 | 05 50 | 1630 82 | 1377 549 | 448 902 | 6 11 | 12 0 |
| 88 07 20 | 07 50 | 1630 88 | 1377 859 | 449 003 | 6 20 | 12 0 |
| 88 07 20 | 08 26 | 1630 84 | 1377 958 | 449 035 | 6 02 | 12 0 |
| 88 07 20 | 15 30 | 1642 42 | 1377 958 | 449 035 | 6 18 | 11 0 |
| 88 07 20 | 17 30 | 1631 13 | 1378 275 | 449 138 | 6 26 | 11 0 |
| 88 07 20 | 19 30 | 1630 88 | 1378 587 | 449 240 | 6 25 | 11 0 |
| 88 07 20 | 21 30 | 1630 96 | 1378 912 | 449 346 | 6 34 | 11 0 |
| 88 07 20 | 23 30 | 1630 92 | 1379 231 | 449 450 | 6 37 | 12 0 |
| 88 07 21 | 01 30 | 1630 84 | 1379 547 | 449 553 | 6 44 | 12 0 |
| 88 07 21 | 03 30 | 1630 92 | 1379 860 | 449 655 | 6 24 | 12 0 |
| 88 07 21 | 05 30 | 1630 96 | 1380 175 | 449 758 | 6 25 | 12 0 |
| 88 07 21 | 07 30 | 1630 96 | 1380 495 | 449 862 | 6 15 | 12 0 |
| 88 07 21 | 09 30 | 1630 92 | 1380 810 | 449 965 | 6 26 | 11 0 |
| 88 07 21 | 11 30 | 1631 03 | 1381 126 | 450 068 | 6 27 | 11 0 |
| 88 07 21 | 13 30 | 1630 86 | 1381 442 | 450 171 | 6 22 | 11 0 |
| 88 07 21 | 15 30 | 1631 01 | 1381 753 | 450 272 | 6 17 | 11 0 |
| 88 07 21 | 17 30 | 1630 96 | 1382 070 | 450 375 | 6 26 | 12 0 |
| 88 07 21 | 19 30 | 1630 96 | 1382 390 | 450 479 | 6 13 | 11 0 |
| 88 07 21 | 21 30 | 1631 05 | 1382 704 | 450 582 | 6 02 | 11 0 |
| 88 07 21 | 23 30 | 1631 01 | 1383 029 | 450 688 | 6 04 | 11 0 |
| 88 07 22 | 01 30 | | 1383 190 | 450 740 | | 11 0 |
| 88 07 22 | 03 00 | 1642 55 | 1383 190 | 450 740 | 5 97 | 11 0 |
| 88 07 22 | 05 10 | 1631 71 | 1383 533 | 450 852 | 6 90 | 11 0 |
| 88 07 22 | 07 10 | 1631 71 | 1383 846 | 450 954 | 6 47 | 11 0 |
| 88 07 22 | 09 40 | 1635 80 | 1384 095 | 451 035 | 6 49 | 11 0 |
| 88 07 22 | 11 40 | 1635 88 | 1384 245 | 451 084 | 6 48 | 11 0 |
| 88 07 22 | 12 10 | 1635 96 | 1384 281 | 451 096 | 6 47 | 11 0 |
| 88 07 22 | 13 50 | 1642 67 | 1384 281 | 451 096 | 6 15 | 11 0 |
| 88 07 22 | 15 50 | 1634 63 | 1384 463 | 451 155 | 6 30 | 11 0 |
| 88 07 22 | 17 50 | 1634 51 | 1384 626 | 451 208 | 6 07 | 11 0 |
| 88 07 22 | 19 50 | 1634 55 | 1384 824 | 451 273 | 6 28 | 11 0 |
| 88 07 22 | 21 50 | 1634 57 | 1385 010 | 451 333 | 6 25 | 11 0 |
| 88 07 22 | 23 50 | 1634 51 | 1385 190 | 451 392 | 6 26 | 12 0 |
| 88 07 23 | 01 50 | 1634 55 | 1385 372 | 451 451 | 6 29 | 11 0 |
| 88 07 23 | 03 50 | 1634 63 | 1385 555 | 451 511 | 6 28 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 07 23 | 05 50 | 1634 61 | 1385 737 | 451 570 | 6 31 | 11 0 |
| 88 07 23 | 07 50 | 1634 67 | 1385 920 | 451 630 | 6 30 | 11 0 |
| 88 07 23 | 09 50 | 1634 48 | 1386 102 | 451 689 | 6 34 | 11 0 |
| 88 07 23 | 11 50 | 1634 67 | 1386 283 | 451 748 | 6 32 | 11 0 |
| 88 07 23 | 13 50 | 1634 48 | 1386 469 | 451 809 | 6 24 | 12 0 |
| 88 07 23 | 15 11 | 1634 55 | 1386 585 | 451 846 | | 11 0 |
| 88 07 23 | 23 50 | 1643 30 | 1386 585 | 451 846 | 6 06 | 11 0 |
| 88 07 24 | 01 50 | 1632 13 | 1386 959 | 451 968 | 6 00 | 11 0 |
| 88 07 24 | 03 50 | 1632 13 | 1387 285 | 452 075 | 6 05 | 11 0 |
| 88 07 24 | 05 50 | 1635 84 | 1387 583 | 452 172 | 6 11 | |
| 88 07 24 | 07 50 | 1636 38 | 1387 727 | 452 219 | 6 23 | 12 0 |
| 88 07 24 | 09 50 | 1633 05 | 1387 948 | 452 291 | 6 15 | 12 0 |
| 88 07 24 | 11 50 | 1633 13 | 1388 179 | 452 366 | 6 16 | 12 0 |
| 88 07 24 | 13 50 | 1632 21 | 1388 419 | 452 444 | 6 12 | 11 0 |
| 88 07 24 | 15 50 | 1631 96 | 1388 758 | 452 555 | 6 49 | 12 0 |
| 88 07 24 | 17 50 | 1632 07 | 1389 080 | 452 659 | 5 80 | 12 0 |
| 88 07 24 | 19 50 | 1632 10 | 1389 402 | 452 764 | 5 86 | 12 0 |
| 88 07 24 | 20 06 | 1632 09 | 1389 448 | 452 779 | | 12 0 |
| 88 07 25 | 05 00 | 1643 34 | 1389 448 | 452 779 | 5 88 | 12 0 |
| 88 07 25 | 07 10 | 1631 71 | 1389 748 | 452 877 | 6 01 | 11 0 |
| 88 07 25 | 09 10 | 1632 17 | 1390 072 | 452 983 | 6 23 | 11 0 |
| 88 07 25 | 11 10 | 1632 26 | 1390 400 | 453 090 | 6 32 | 12 0 |
| 88 07 25 | 13 10 | 1632 21 | 1390 726 | 453 196 | 6 41 | 12 0 |
| 88 07 25 | 15 10 | 1632 21 | 1391 051 | 453 302 | 6 57 | 12 0 |
| 88 07 25 | 17 10 | 1632 11 | 1391 377 | 453 408 | 6 20 | 12 0 |
| 88 07 25 | 19 10 | 1632 17 | 1391 701 | 453 514 | 6 58 | 12 0 |
| 88 07 25 | 21 10 | 1631 96 | 1392 028 | 453 620 | 6 54 | 11 0 |
| 88 07 25 | 23 10 | 1632 09 | 1392 351 | 453 725 | 6 04 | 11 0 |
| 88 07 26 | 01 10 | 1632 01 | 1392 675 | 453 831 | 6 09 | 12 0 |
| 88 07 26 | 03 10 | 1632 13 | 1392 999 | 453 937 | 6 13 | 12 0 |
| 88 07 26 | 05 10 | 1632 13 | 1393 326 | 454 043 | | 12 0 |
| 88 07 26 | 07 10 | 1632 15 | 1393 647 | 454 148 | 6 23 | 12 0 |
| 88 07 26 | 09 10 | 1632 11 | 1393 971 | 454 253 | 6 29 | 12 0 |
| 88 07 26 | 11 10 | 1632 05 | 1394 295 | 454 359 | 6 10 | 12 0 |
| 88 07 26 | 13 10 | 1632 19 | 1394 620 | 454 465 | 6 22 | 12 0 |
| 88 07 26 | 15 10 | 1631 98 | 1394 946 | 454 571 | 6 53 | 12 0 |
| 88 07 26 | 17 10 | 1632 15 | 1395 269 | 454 676 | 6 60 | 12 0 |
| 88 07 26 | 19 10 | 1631 96 | 1395 593 | 454 782 | 6 03 | 12 0 |
| 88 07 26 | 21 10 | 1632 07 | 1395 916 | 454 887 | 5 93 | 12 0 |
| 88 07 26 | 23 10 | 1632 03 | 1396 239 | 454 992 | 5 99 | 12 0 |
| 88 07 27 | 01 10 | 1632 05 | 1396 562 | 455 098 | 6 11 | 12 0 |
| 88 07 27 | 03 10 | 1632 13 | 1396 881 | 455 202 | 6 10 | 12 0 |
| 88 07 27 | 05 10 | 1631 84 | 1397 202 | 455 306 | 6 13 | 12 0 |
| 88 07 27 | 07 10 | 1632 13 | 1397 524 | 455 411 | 6 20 | 12 0 |
| 88 07 27 | 09 10 | 1632 09 | 1397 845 | 455 516 | 6 15 | 12 0 |
| 88 07 27 | 11 10 | 1632 13 | 1398 165 | 455 620 | 6 19 | 12 0 |

# Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 07 27 | 13 10 | 1632 09 | 1398 472 | 455 720 | 6 06 | 12 0 |
| 88 07 27 | 17 55 | 1632 80 | 1398 472 | 455 720 | 6 43 | 12 0 |
| 88 07 27 | 19 55 | 1631 65 | 1398 793 | 455 825 | 6 44 | 12 0 |
| 88 07 27 | 21 55 | 1631 84 | 1399 113 | 455 929 | 6 37 | 11 0 |
| 88 07 27 | 23 55 | 1631 80 | 1399 435 | 456 034 | 6 12 | 11 0 |
| 88 07 28 | 01 55 | 1631 96 | 1399 759 | 456 139 | 6 20 | 11 0 |
| 88 07 28 | 03 55 | 1631 84 | 1400 081 | 456 244 | 6 25 | 11 0 |
| 88 07 28 | 05 55 | 1631 88 | 1400 402 | 456 349 | 6 26 | 11 0 |
| 88 07 28 | 07 55 | 1631 82 | 1400 728 | 456 455 | 6 26 | 12 0 |
| 88 07 28 | 09 55 | 1631 71 | 1401 050 | 456 560 | 6 28 | 12 0 |
| 88 07 28 | 11 55 | 1631 82 | 1401 372 | 456 665 | 6 20 | 12 0 |
| 88 07 28 | 13 55 | 1631 67 | 1401 695 | 456 770 | 6 26 | 12 0 |
| 88 07 28 | 15 55 | 1631 78 | 1402 018 | 456 876 | 6 29 | 12 0 |
| 88 07 28 | 17 55 | 1631 63 | 1402 341 | 456 981 | 6 11 | 12 0 |
| 88 07 28 | 19 55 | 1631 76 | 1402 663 | 457 086 | 6 00 | 11 0 |
| 88 07 28 | 21 55 | 1631 19 | 1402 984 | 457 190 | 5 96 | 11 0 |
| 88 07 28 | 23 55 | 1630 92 | 1403 297 | 457 292 | 6 10 | 11 0 |
| 88 07 29 | 01 55 | 1630 88 | 1403 616 | 457 396 | 6 16 | 11 0 |
| 88 07 29 | 03 55 | 1630 82 | 1403 938 | 457 501 | 6 14 | 11 0 |
| 88 07 29 | 05 55 | 1630 67 | 1404 256 | 457 605 | 6 18 | 11 0 |
| 88 07 29 | 07 55 | 1630 46 | 1404 578 | 457 710 | 6 02 | 11 0 |
| 88 07 29 | 09 55 | 1630 88 | 1404 900 | 457 815 | 6 13 | 11 0 |
| 88 07 29 | 11 55 | 1631 21 | 1405 220 | 457 919 | 6 17 | 11 0 |
| 88 07 29 | 13 55 | 1631 11 | 1405 542 | 458 024 | 6 21 | 11 0 |
| 88 07 29 | 15 55 | 1631 34 | 1405 861 | 458 128 | 6 41 | 11 0 |
| 88 07 29 | 17 55 | 1631 21 | 1406 190 | 458 235 | 6 50 | 11 0 |
| 88 07 29 | 19 55 | 1631 38 | 1406 504 | 458 337 | 6 41 | 12 0 |
| 88 07 29 | 21 55 | 1631 21 | 1406 832 | 458 444 | 6 44 | 12 0 |
| 88 07 29 | 23 55 | 1631 34 | 1407 156 | 458 550 | 6 22 | 12 0 |
| 88 07 30 | 01 55 | 1631 34 | 1407 478 | 458 655 | 6 16 | 12 0 |
| 88 07 30 | 03 55 | 1631 30 | 1407 802 | 458 760 | 6 19 | 11 0 |
| 88 07 30 | 05 55 | 1631 34 | 1408 126 | 458 866 | 6 15 | 11 0 |
| 88 07 30 | 07 55 | 1631 17 | 1408 451 | 458 972 | 6 39 | 12 0 |
| 88 07 30 | 09 55 | 1630 92 | 1408 782 | 459 080 | 6 26 | 12 0 |
| 88 07 30 | 11 55 | 1630 61 | 1409 095 | 459 182 | 6 52 | 12 0 |
| 88 07 30 | 13 55 | 1631 34 | 1409 417 | 459 287 | 6 56 | 12 0 |
| 88 07 30 | 15 55 | 1630 38 | 1409 719 | 459 385 | 6 65 | 12 0 |
| 88 07 30 | 17 55 | 1630 21 | 1410 055 | 459 495 | 6 70 | 12 0 |
| 88 07 30 | 19 55 | 1630 55 | 1410 374 | 459 599 | 6 56 | 12 0 |
| 88 07 30 | 21 55 | 1630 55 | 1410 694 | 459 703 | 6 38 | 12 0 |
| 88 07 30 | 23 55 | 1630 40 | 1411 014 | 459 807 | 6 22 | 12 0 |
| 88 07 31 | 01 55 | 1630 40 | 1411 333 | 459 911 | 6 19 | 12 0 |
| 88 07 31 | 03 55 | 1630 34 | 1411 661 | 460 018 | 6 23 | 12 0 |
| 88 07 31 | 05 55 | 1630 17 | 1411 981 | 460 122 | 6 21 | 12 0 |
| 88 07 31 | 07 55 | 1630 21 | 1412 490 | 460 288 | 6 19 | 12 0 |
| 88 07 31 | 09 55 | 1630 05 | 1412 629 | 460 333 | 6 12 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 07 31 | 11 55 | 1629 98 | 1412 931 | 460 432 | 6 10 | 12 0 |
| 88 07 31 | 13 55 | 1630 30 | 1413 229 | 460 529 | 6 03 | 12 0 |
| 88 07 31 | 15 55 | 1630 13 | 1413 574 | 460 641 | 6 18 | 11 0 |
| 88 07 31 | 17 55 | 1630 32 | 1413 893 | 460 745 | 6 27 | 11 0 |
| 88 07 31 | 19 55 | 1630 11 | 1414 211 | 460 849 | 6 12 | 11 0 |
| 88 07 31 | 21 55 | 1629 44 | 1414 518 | 460 949 | 6 52 | 11 0 |
| 88 07 31 | 23 55 | 1629 28 | 1414 821 | 461 048 | 6 30 | 11 0 |
| 88 08 01 | 08 30 | 1630 05 | 1414 840 | 461 054 | 6 20 | 11 0 |
| 88 08 01 | 10 30 | 1629 30 | 1415 150 | 461 155 | 6 07 | 11 0 |
| 88 08 01 | 12 30 | 1629 21 | 1415 448 | 461 252 | 6 20 | 11 0 |
| 88 08 01 | 14 30 | 1629 17 | 1415 763 | 461 355 | 6 17 | 11 0 |
| 88 08 01 | 16 30 | 1629 11 | 1416 085 | 461 460 | 6 29 | 11 0 |
| 88 08 01 | 18 30 | 1628 92 | 1416 402 | 461 563 | 6 15 | 11 0 |
| 88 08 01 | 20 30 | 1628 69 | 1416 720 | 461 667 | 6 30 | 11 0 |
| 88 08 01 | 21 00 | 1628 55 | 1416 792 | 461 690 | 6 23 | 11 0 |
| 88 08 02 | 08 40 | 1629 21 | | | 6 30 | 11 0 |
| 88 08 02 | 10 40 | 1628 21 | 1417 124 | 461 798 | 6 22 | 11 0 |
| 88 08 02 | 21 15 | 1638 42 | 1417 130 | 461 800 | | 11 0 |
| 88 08 02 | 23 15 | 1630 46 | 1417 441 | 461 901 | 6 30 | 11 0 |
| 88 08 03 | 01 15 | 1630 21 | 1417 638 | 461 966 | 6 33 | 11 0 |
| 88 08 03 | 03 05 | 1630 13 | 1417 793 | 462 016 | 6 37 | 11 0 |
| 88 08 03 | 10 40 | 1637 42 | 1417 793 | 462 016 | 5 95 | 11 0 |
| 88 08 03 | 12 40 | 1628 69 | 1417 988 | 462 080 | 6 18 | 11 0 |
| 88 08 03 | 14 40 | 1628 38 | 1418 182 | 462 143 | 6 38 | 11 0 |
| 88 08 03 | 16 40 | 1627 96 | 1418 494 | 462 245 | 6 57 | 11 0 |
| 88 08 03 | 18 40 | 1628 17 | 1418 800 | 462 344 | 6 39 | 11 0 |
| 88 08 03 | 20 40 | 1628 07 | 1419 122 | 462 449 | 6 31 | 11 0 |
| 88 08 03 | 22 40 | 1628 53 | 1419 436 | 462 552 | 6 26 | 11 0 |
| 88 08 04 | 00 40 | 1628 88 | 1419 748 | 462 653 | 6 30 | 11 0 |
| 88 08 04 | 02 45 | 1629 05 | 1420 080 | 462 761 | 6 39 | 11 0 |
| 88 08 04 | 04 45 | 1629 26 | 1420 394 | 462 864 | 6 40 | 11 0 |
| 88 08 04 | 06 45 | 1630 26 | 1420 707 | 462 966 | 6 36 | 11 0 |
| 88 08 04 | 08 45 | 1629 55 | 1421 019 | 463 067 | 6 39 | 11 0 |
| 88 08 04 | 10 45 | 1629 63 | 1421 321 | 463 166 | 6 34 | 11 0 |
| 88 08 04 | 11 27 | 1629 63 | 1421 446 | 463 207 | 6 29 | 11 0 |
| 88 08 04 | 17 47 | 1640 21 | 1421 446 | 463 207 | 6 39 | 12 0 |
| 88 08 04 | 19 45 | 1630 46 | 1421 760 | 463 309 | 6 42 | 11 0 |
| 88 08 04 | 21 45 | 1630 21 | 1422 086 | 463 415 | 6 52 | 11 0 |
| 88 08 04 | 23 45 | 1629 36 | 1422 396 | 463 516 | 6 10 | 11 0 |
| 88 08 05 | 01 45 | 1630 46 | 1422 721 | 463 622 | 6 13 | 11 0 |
| 88 08 05 | 03 45 | 1630 32 | 1423 029 | 463 722 | 6 18 | 11 0 |
| 88 08 05 | 05 45 | 1631 07 | 1423 347 | 463 826 | 6 21 | 11 0 |
| 88 08 05 | 07 45 | 1630 55 | 1423 670 | 463 931 | 6 42 | 11 0 |
| 88 08 05 | 09 40 | 1630 46 | 1423 971 | 464 029 | 6 34 | 11 0 |
| 88 08 05 | 22 25 | 1641 21 | 1423 971 | 464 029 | 6 27 | 11 0 |
| 88 08 06 | 00 25 | 1631 09 | 1424 296 | 464 135 | 6 09 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 08 06 | 02 25 | 1630 88 | 1424 612 | 464 238 | 6 14 | 11 0 |
| 88 08 06 | 04 25 | 1630 88 | 1424 932 | 464 343 | 6 18 | 11 0 |
| 88 08 06 | 06 25 | 1630 94 | 1425 249 | 464 446 | 6 30 | 11 0 |
| 88 08 06 | 08 25 | 1630 80 | 1425 567 | 464 550 | 6 21 | 11 0 |
| 88 08 06 | 10 25 | 1630 90 | 1425 885 | 464 653 | 6 30 | 11 0 |
| 88 08 06 | 12 25 | 1630 98 | 1426 203 | 464 757 | 6 31 | 11 0 |
| 88 08 06 | 14 25 | 1630 90 | 1426 521 | 464 860 | 6 33 | 11 0 |
| 88 08 06 | 16 25 | 1630 80 | 1426 885 | 464 979 | 6 31 | 11 0 |
| 88 08 06 | 18 25 | 1630 84 | 1427 152 | 465 066 | 6 28 | 11 0 |
| 88 08 06 | 20 25 | 1630 63 | 1427 472 | 465 170 | 6 37 | 11 0 |
| 88 08 06 | 22 25 | 1630 63 | 1427 787 | 465 273 | 6 23 | 11 0 |
| 88 08 07 | 00 25 | 1630 63 | 1428 098 | 465 374 | 6 19 | 11 0 |
| 88 08 07 | 02 25 | 1630 67 | 1428 420 | 465 479 | 6 20 | 11 0 |
| 88 08 07 | 04 25 | 1630 71 | 1428 731 | 465 581 | 6 15 | 11 0 |
| 88 08 07 | 06 25 | 1630 55 | 1429 064 | 465 689 | 6 10 | 11 0 |
| 88 08 07 | 08 25 | 1630 67 | 1429 367 | 465 788 | 6 14 | 11 0 |
| 88 08 07 | 10 25 | 1630 46 | 1429 678 | 465 889 | 6 20 | 11 0 |
| 88 08 07 | 12 25 | 1630 76 | 1429 994 | 465 992 | 6 12 | 11 0 |
| 88 08 07 | 14 25 | 1630 71 | 1430 309 | 466 095 | 6 17 | 11 0 |
| 88 08 07 | 16 25 | 1630 46 | 1430 631 | 466 200 | 6 21 | 11 0 |
| 88 08 07 | 18 25 | 1630 42 | 1430 945 | 466 302 | 6 34 | 11 0 |
| 88 08 07 | 20 25 | 1630 26 | 1431 260 | 466 405 | 6 41 | 11 0 |
| 88 08 07 | 22 25 | 1630 11 | 1431 573 | 466 507 | 6 31 | 11 0 |
| 88 08 08 | 00 25 | 1630 34 | 1431 880 | 466 607 | 6 14 | 11 0 |
| 88 08 08 | 02 25 | 1630 51 | 1432 193 | 466 709 | 6 18 | 11 0 |
| 88 08 08 | 04 25 | 1630 36 | 1432 507 | 466 811 | 6 21 | 11 0 |
| 88 08 08 | 06 25 | 1630 55 | 1432 822 | 466 914 | 6 35 | 11 0 |
| 88 08 08 | 08 25 | 1630 55 | 1433 140 | 467 017 | 6 21 | 11 0 |
| 88 08 08 | 10 25 | 1630 53 | 1433 452 | 467 119 | 6 00 | 11 0 |
| 88 08 08 | 12 25 | 1630 55 | 1433 776 | 467 225 | 6 05 | 11 0 |
| 88 08 08 | 14 25 | 1631 09 | 1434 084 | 467 325 | 6 13 | 11 0 |
| 88 08 08 | 16 25 | 1630 82 | 1434 397 | 467 427 | 6 17 | 11 0 |
| 88 08 08 | 18 25 | 1630 80 | 1434 710 | 467 529 | 6 24 | 11 0 |
| 88 08 08 | 20 25 | 1630 84 | 1435 025 | 467 632 | 6 27 | 11 0 |
| 88 08 08 | 22 25 | 1630 92 | 1435 342 | 467 735 | 6 32 | 11 0 |
| 88 08 09 | 00 25 | 1631 17 | 1435 656 | 467 837 | 6 07 | 11 0 |
| 88 08 09 | 02 25 | 1631 21 | 1435 969 | 467 939 | 6 11 | 11 0 |
| 88 08 09 | 04 25 | 1631 07 | 1436 283 | 468 042 | 6 21 | 11 0 |
| 88 08 09 | 06 25 | 1631 26 | 1436 597 | 468 144 | 6 24 | 11 0 |
| 88 08 09 | 08 25 | 1631 21 | 1436 904 | 468 244 | 6 32 | 11 0 |
| 88 08 09 | 10 25 | 1631 13 | 1437 220 | 468 347 | 6 36 | 11 0 |
| 88 08 09 | 12 25 | 1631 09 | 1437 535 | 468 450 | 6 42 | 11 0 |
| 88 08 09 | 14 25 | 1631 21 | 1437 848 | 468 552 | 6 32 | 11 0 |
| 88 08 09 | 16 25 | 1633 13 | 1438 106 | 468 636 | 6 27 | 11 0 |
| 88 08 09 | 18 25 | 1633 21 | 1438 281 | 468 693 | 6 31 | 11 0 |
| 88 08 09 | 20 25 | 1633 01 | 1438 456 | 468 750 | 6 41 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 08 09 | 22 25 | 1633 17 | 1438 631 | 468 807 | 6 38 | 11 0 |
| 88 08 10 | 00 25 | 1633 26 | 1438 806 | 468 864 | 6 04 | 11 0 |
| 88 08 10 | 02 25 | 1631 21 | 1439 114 | 468 964 | 6 11 | 11 0 |
| 88 08 10 | 04 25 | 1631 34 | 1439 430 | 469 067 | 6 20 | 11 0 |
| 88 08 10 | 06 25 | 1631 38 | 1439 744 | 469 169 | 6 26 | 11 0 |
| 88 08 10 | 08 25 | 1631 09 | 1440 095 | 469 284 | 6 35 | 11 0 |
| 88 08 10 | 10 25 | 1630 76 | 1440 371 | 469 374 | 6 31 | 11 0 |
| 88 08 10 | 12 25 | 1630 80 | 1440 681 | 469 475 | 6 36 | 11 0 |
| 88 08 10 | 14 25 | 1630 01 | 1440 996 | 469 577 | | 11 0 |
| 88 08 10 | 16 25 | 1630 03 | 1441 309 | 469 679 | 6 49 | 11 0 |
| 88 08 10 | 18 25 | 1629 71 | 1441 620 | 469 781 | 6 31 | 11 0 |
| 88 08 10 | 20 25 | 1629 67 | 1441 940 | 469 885 | 6 37 | 11 0 |
| 88 08 10 | 22 25 | 1629 38 | 1442 241 | 469 983 | 6 29 | 11 0 |
| 88 08 11 | 00 25 | 1628 84 | 1442 554 | 470 085 | 6 32 | 11 0 |
| 88 08 11 | 02 25 | 1628 71 | 1442 861 | 470 185 | 6 28 | 11 0 |
| 88 08 11 | 04 25 | 1628 80 | 1443 172 | 470 286 | 6 31 | 11 0 |
| 88 08 11 | 06 25 | 1629 01 | 1443 481 | 470 387 | 6 34 | 11 0 |
| 88 08 11 | 08 25 | 1629 30 | 1443 709 | 470 461 | 6 30 | 11 0 |
| 88 08 11 | 10 25 | 1629 13 | 1444 102 | 470 590 | 6 26 | 11 0 |
| 88 08 11 | 12 25 | 1628 96 | 1444 409 | 470 690 | 6 15 | 11 0 |
| 88 08 11 | 14 25 | 1628 63 | 1444 729 | 470 794 | 6 20 | 11 0 |
| 88 08 11 | 16 25 | 1628 26 | 1445 035 | 470 894 | 6 34 | 11 0 |
| 88 08 11 | 18 25 | 1628 69 | 1445 045 | 470 897 | 6 36 | 11 0 |
| 88 08 11 | 20 25 | 1628 55 | 1445 655 | 471 096 | 6 40 | 11 0 |
| 88 08 11 | 22 25 | 1628 51 | 1445 963 | 471 196 | 6 31 | 11 0 |
| 88 08 12 | 00 25 | 1628 78 | 1446 265 | 471 294 | 5 86 | 11 0 |
| 88 08 12 | 02 25 | 1628 63 | 1446 574 | 471 395 | 6 08 | 11 0 |
| 88 08 12 | 04 25 | 1628 71 | 1446 886 | 471 497 | 6 17 | 11 0 |
| 88 08 12 | 06 25 | 1628 76 | 1447 193 | 471 597 | 6 28 | 11 0 |
| 88 08 12 | 07 50 | 1628 73 | 1447 417 | 471 670 | 6 02 | 11 0 |
| 88 08 12 | 19 15 | 1638 80 | 1447 417 | 471 670 | 6 25 | 11 0 |
| 88 08 12 | 21 15 | 1629 34 | 1447 702 | 471 763 | 6 32 | 11 0 |
| 88 08 12 | 23 15 | 1629 30 | 1448 010 | 471 863 | 6 29 | 11 0 |
| 88 08 13 | 01 15 | 1629 34 | 1448 319 | 471 964 | 6 27 | 11 0 |
| 88 08 13 | 03 15 | 1629 38 | 1448 625 | 472 063 | 6 30 | 11 0 |
| 88 08 13 | 05 15 | 1629 34 | 1448 936 | 472 165 | 6 29 | 11 0 |
| 88 08 13 | 07 15 | 1629 30 | 1449 243 | 472 265 | 6 32 | 11 0 |
| 88 08 13 | 09 15 | 1629 09 | 1449 553 | 472 366 | 6 24 | 11 0 |
| 88 08 13 | 11 15 | 1628 42 | 1449 857 | 472 465 | 6 25 | 11 0 |
| 88 08 13 | 13 15 | 1629 11 | 1450 168 | 472 566 | 6 24 | 11 0 |
| 88 08 13 | 15 15 | 1628 88 | 1450 480 | 472 668 | 6 30 | 11 0 |
| 88 08 13 | 17 15 | 1628 96 | 1450 776 | 472 764 | 6 33 | 11 0 |
| 88 08 13 | 19 15 | 1628 80 | 1451 085 | 472 865 | 6 42 | 11 0 |
| 88 08 13 | 21 15 | 1628 80 | 1451 392 | 472 965 | 6 49 | 11 0 |
| 88 08 13 | 23 15 | 1628 76 | 1451 804 | 473 099 | 6 50 | 11 0 |
| 88 08 14 | 01 15 | 1628 88 | 1452 002 | 473 164 | 6 43 | 11 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 08 14 | 03 15 | 1628 88 | 1452 309 | 473 264 | 6 45 | 11 0 |
| 88 08 14 | 05 15 | 1628 84 | 1452 619 | 473 365 | 6 40 | 11 0 |
| 88 08 14 | 07 15 | 1628 96 | 1452 928 | 473 466 | 6 45 | 11 0 |
| 88 08 14 | 09 15 | 1628 96 | 1453 235 | 473 566 | 6 11 | 11 0 |
| 88 08 14 | 11 15 | 1629 51 | 1453 540 | 473 665 | 6 24 | 11 0 |
| 88 08 14 | 13 15 | 1629 63 | 1453 851 | 473 766 | 6 27 | 11 0 |
| 88 08 14 | 15 15 | 1629 76 | 1454 158 | 473 866 | 6 31 | 11 0 |
| 88 08 14 | 17 15 | 1629 98 | 1454 466 | 473 967 | 6 36 | 11 0 |
| 88 08 14 | 19 15 | 1629 90 | 1454 773 | 474 067 | 6 28 | 11 0 |
| 88 08 14 | 21 15 | 1629 84 | 1455 080 | 474 167 | 6 21 | 11 0 |
| 88 08 14 | 23 15 | 1629 67 | 1455 387 | 474 267 | 6 27 | 11 0 |
| 88 08 15 | 01 15 | 1629 30 | 1455 688 | 474 365 | 5 51 | 11 0 |
| 88 08 15 | 03 15 | 1629 23 | 1455 993 | 474 464 | 6 10 | 11 0 |
| 88 08 15 | 05 15 | 1629 21 | 1456 302 | 474 565 | 6 13 | 11 0 |
| 88 08 15 | 07 15 | 1628 94 | 1456 609 | 474 665 | 6 23 | 11 0 |
| 88 08 15 | 09 15 | 1629 13 | 1456 873 | 474 751 | 6 19 | 11 0 |
| 88 08 15 | 10 35 | 1629 38 | 1457 018 | 474 798 | 6 27 | 11 0 |
| 88 08 15 | 13 10 | 1628 80 | | | 6 21 | 11 0 |
| 88 08 15 | 15 10 | 1628 46 | 1457 161 | 474 845 | 6 30 | 11 0 |
| 88 08 15 | 17 10 | 1628 46 | 1457 644 | 475 002 | 6 23 | 11 0 |
| 88 08 15 | 19 10 | 1628 21 | 1457 857 | 475 072 | 6 29 | 11 0 |
| 88 08 15 | 21 10 | 1628 13 | 1458 072 | 475 142 | 6 33 | 11 0 |
| 88 08 15 | 23 10 | 1628 26 | 1458 283 | 475 211 | 6 40 | 11 0 |
| 88 08 16 | 01 10 | 1628 01 | 1458 513 | 475 286 | 6 07 | 11 0 |
| 88 08 16 | 03 10 | 1628 05 | 1458 739 | 475 359 | 6 28 | 11 0 |
| 88 08 16 | 05 10 | 1628 13 | 1458 959 | 475 431 | 6 30 | 11 0 |
| 88 08 16 | 07 10 | 1628 36 | 1459 197 | 475 509 | 6 26 | 11 0 |
| 88 08 16 | 09 10 | 1628 01 | 1459 426 | 475 583 | 6 23 | 11 0 |
| 88 08 16 | 11 10 | 1628 05 | 1459 661 | 475 660 | 6 29 | 11 0 |
| 88 08 16 | 13 10 | 1627 96 | 1459 897 | 475 737 | 6 10 | 11 0 |
| 88 08 16 | 15 10 | 1627 86 | 1460 119 | 475 809 | 6 75 | 11 0 |
| 88 08 16 | 17 10 | 1627 82 | 1460 350 | 475 884 | 6 23 | 11 0 |
| 88 08 16 | 19 10 | 1627 80 | 1460 573 | 475 957 | 6 25 | 11 0 |
| 88 08 16 | 21 10 | 1628 19 | 1460 799 | 476 031 | 6 26 | 11 0 |
| 88 08 16 | 23 10 | 1627 76 | 1461 024 | 476 104 | 6 31 | 11 0 |
| 88 08 17 | 01 10 | 1627 71 | 1461 248 | 476 177 | 6 30 | 11 0 |
| 88 08 17 | 03 10 | 1627 67 | 1461 472 | 476 250 | 6 34 | 11 0 |
| 88 08 17 | 05 10 | 1627 63 | 1461 695 | 476 323 | 6 32 | 11 0 |
| 88 08 17 | 07 10 | 1627 51 | 1461 920 | 476 396 | | 11 0 |
| 88 08 17 | 09 10 | 1627 44 | 1462 142 | 476 468 | 6 18 | 11 0 |
| 88 08 17 | 11 10 | 1627 51 | 1462 363 | 476 540 | 6 29 | 11 0 |
| 88 08 17 | 13 10 | 1627 67 | 1462 581 | 476 611 | 6 25 | 11 0 |
| 88 08 17 | 15 10 | 1627 78 | 1462 796 | 476 681 | 6 39 | 11 0 |
| 88 08 17 | 17 10 | 1627 53 | 1463 012 | 476 752 | 6 24 | 11 0 |
| 88 08 17 | 19 10 | 1627 32 | 1463 224 | 476 821 | 6 25 | 11 0 |
| 88 08 17 | 21 10 | 1627 26 | 1463 435 | 476 890 | 6 22 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 08 17 | 23 10 | 1627 17 | 1463 644 | 476 958 | 6 24 | 11 0 |
| 88 08 18 | 01 10 | 1627 03 | 1463 853 | 477 026 | 6 29 | 11 0 |
| 88 08 18 | 03 10 | 1626 92 | 1464 061 | 477 094 | 6 26 | 11 0 |
| 88 08 18 | 05 10 | 1626 80 | 1464 268 | 477 161 | 6 26 | 11 0 |
| 88 08 18 | 07 10 | 1626 71 | 1464 475 | 477 228 | 6 30 | 11 0 |
| 88 08 18 | 09 10 | 1626 67 | 1464 688 | 477 298 | 6 24 | 11 0 |
| 88 08 18 | 11 10 | 1626 59 | 1464 883 | 477 361 | 6 20 | 11 0 |
| 88 08 18 | 13 10 | 1626 51 | 1465 093 | 477 430 | 6 42 | 11 0 |
| 88 08 18 | 15 10 | 1626 38 | 1465 299 | 477 497 | 6 25 | 11 0 |
| 88 08 18 | 16 00 | | 1465 390 | 477 527 | | 11 0 |
| 88 08 18 | 17 00 | 1634 88 | 1465 390 | 477 527 | 6 42 | 11 0 |
| 88 08 18 | 19 15 | 1626 28 | 1465 612 | 477 599 | 6 37 | 11 0 |
| 88 08 18 | 21 15 | 1626 19 | 1465 821 | 477 667 | 6 31 | 11 0 |
| 88 08 18 | 23 15 | 1626 17 | 1466 035 | 477 737 | 5 65 | 12 0 |
| 88 08 19 | 00 05 | 1626 11 | 1466 119 | 477 764 | 5 84 | 12 0 |
| 88 08 19 | 07 45 | 1629 59 | 1466 119 | 477 764 | 6 13 | 11 0 |
| 88 08 19 | 09 45 | 1626 55 | 1466 333 | 477 834 | 6 25 | 11 0 |
| 88 08 19 | 11 45 | 1626 80 | 1466 542 | 477 902 | 6 60 | 11 0 |
| 88 08 19 | 13 45 | 1627 05 | 1466 752 | 477 970 | 6 52 | 11 0 |
| 88 08 19 | 15 45 | 1627 11 | 1466 965 | 478 040 | 6 64 | 11 0 |
| 88 08 19 | 17 45 | 1627 17 | 1467 175 | 478 108 | 5 96 | 11 0 |
| 88 08 19 | 19 45 | 1627 26 | 1467 386 | 478 177 | 6 03 | 11 0 |
| 88 08 19 | 21 45 | 1627 23 | 1467 599 | 478 246 | 6 07 | 11 0 |
| 88 08 19 | 23 45 | 1627 34 | 1467 808 | 478 315 | 6 18 | 11 0 |
| 88 08 20 | 01 45 | 1627 38 | 1468 020 | 478 384 | 6 12 | 12 0 |
| 88 08 20 | 03 45 | 1627 46 | 1468 232 | 478 453 | 6 20 | 12 0 |
| 88 08 20 | 05 45 | 1627 63 | 1468 445 | 478 522 | 6 17 | 12 0 |
| 88 08 20 | 07 45 | 1627 55 | 1468 660 | 478 592 | 6 13 | 12 0 |
| 88 08 20 | 09 45 | 1627 61 | 1468 876 | 478 663 | 6 14 | 12 0 |
| 88 08 20 | 11 45 | 1627 30 | 1469 085 | 478 731 | 6 16 | 12 0 |
| 88 08 20 | 13 45 | 1627 19 | 1469 293 | 478 799 | 6 14 | 12 0 |
| 88 08 20 | 15 45 | 1627 40 | 1469 502 | 478 867 | 6 26 | 12 0 |
| 88 08 20 | 17 45 | 1627 67 | 1469 711 | 478 935 | 6 07 | 12 0 |
| 88 08 20 | 19 45 | 1627 76 | 1469 921 | 479 003 | 6 14 | 12 0 |
| 88 08 20 | 21 45 | 1627 71 | 1470 130 | 479 071 | 6 14 | 12 0 |
| 88 08 20 | 23 45 | 1627 63 | 1470 339 | 479 139 | 6 20 | 12 0 |
| 88 08 21 | 01 45 | 1627 69 | 1470 549 | 479 208 | 6 17 | 12 0 |
| 88 08 21 | 03 45 | 1627 76 | 1470 757 | 479 276 | 6 16 | 12 0 |
| 88 08 21 | 05 45 | 1627 80 | 1470 964 | 479 343 | 5 47 | 12 0 |
| 88 08 21 | 07 10 | 1627 80 | 1471 109 | 479 390 | 6 26 | 12 0 |
| 88 08 21 | 17 15 | 1637 55 | 1471 109 | 479 390 | 6 13 | 12 0 |
| 88 08 21 | 19 15 | 1628 55 | 1471 326 | 479 461 | 6 29 | 12 0 |
| 88 08 21 | 21 15 | 1628 51 | 1471 525 | 479 526 | 6 35 | 12 0 |
| 88 08 21 | 23 15 | 1628 55 | 1471 722 | 479 590 | 6 31 | 12 0 |
| 88 08 22 | 01 15 | 1628 59 | 1471 918 | 479 654 | 6 01 | 12 0 |
| 88 08 22 | 03 15 | 1628 55 | 1472 118 | 479 719 | 6 11 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 08 22 | 05 15 | 1628 71 | 1472 317 | 479 784 | 6 17 | 12 0 |
| 88 08 22 | 07 15 | 1628 67 | 1472 510 | 479 847 | 6 23 | 12 0 |
| 88 08 22 | 09 15 | 1628 80 | 1472 708 | 479 911 | 6 34 | 12 0 |
| 88 08 22 | 11 15 | 1628 71 | 1472 903 | 479 975 | 6 24 | 12 0 |
| 88 08 22 | 13 15 | 1628 96 | 1473 103 | 480 040 | 6 35 | 12 0 |
| 88 08 22 | 15 15 | 1629 09 | 1473 302 | 480 105 | 6 36 | 12 0 |
| 88 08 22 | 17 15 | 1629 15 | 1473 502 | 480 170 | 6 29 | 12 0 |
| 88 08 22 | 19 15 | 1629 13 | 1473 703 | 480 236 | 6 28 | 12 0 |
| 88 08 22 | 21 15 | 1629 01 | 1473 902 | 480 300 | 6 34 | 12 0 |
| 88 08 22 | 23 15 | 1629 01 | 1474 102 | 480 366 | 6 36 | 12 0 |
| 88 08 23 | 01 15 | 1629 01 | 1474 303 | 480 431 | 6 04 | 12 0 |
| 88 08 23 | 03 15 | 1629 05 | 1474 499 | 480 495 | 6 20 | 11 0 |
| 88 08 23 | 05 15 | 1629 13 | 1474 699 | 480 560 | 6 23 | 11 0 |
| 88 08 23 | 07 15 | 1629 13 | 1474 862 | 480 613 | 6 30 | 11 0 |
| 88 08 23 | 09 15 | 1629 13 | 1475 101 | 480 691 | 6 26 | 11 0 |
| 88 08 23 | 11 15 | 1629 17 | 1475 298 | 480 755 | 6 20 | 11 0 |
| 88 08 23 | 13 15 | 1629 13 | 1475 507 | 480 823 | 6 10 | 11 0 |
| 88 08 23 | 15 15 | 1628 76 | 1475 685 | 480 881 | 5 58 | 12 0 |
| 88 08 23 | 17 15 | 1628 71 | 1475 906 | 480 953 | 6 25 | 12 0 |
| 88 08 23 | 19 15 | 1628 67 | 1476 124 | 481 025 | 6 22 | 12 0 |
| 88 08 23 | 21 15 | 1628 59 | 1476 340 | 481 095 | 6 21 | 12 0 |
| 88 08 23 | 23 15 | 1628 67 | 1476 556 | 481 165 | 6 24 | 12 0 |
| 88 08 24 | 01 15 | 1628 84 | 1476 774 | 481 236 | 6 20 | 12 0 |
| 88 08 24 | 03 15 | 1629 01 | 1476 988 | 481 306 | 6 22 | 12 0 |
| 88 08 24 | 05 15 | 1628 96 | 1477 204 | 481 376 | 6 26 | 12 0 |
| 88 08 24 | 07 15 | 1629 05 | 1477 420 | 481 447 | 6 28 | 12 0 |
| 88 08 24 | 09 15 | 1629 09 | 1477 636 | 481 517 | 6 13 | 12 0 |
| 88 08 24 | 11 15 | 1629 09 | 1477 854 | 481 588 | 6 19 | 11 0 |
| 88 08 24 | 13 15 | 1629 09 | 1478 069 | 481 658 | 6 18 | 11 0 |
| 88 08 24 | 15 15 | 1629 07 | 1478 283 | 481 728 | 6 31 | 11 0 |
| 88 08 24 | 17 15 | 1629 05 | 1478 503 | 481 800 | 6 28 | 11 0 |
| 88 08 24 | 19 15 | 1629 05 | 1478 721 | 481 871 | 6 34 | 11 0 |
| 88 08 24 | 21 15 | 1629 01 | 1478 931 | 481 939 | 6 01 | 11 0 |
| 88 08 24 | 23 15 | 1629 09 | 1479 159 | 482 014 | 6 07 | 11 0 |
| 88 08 25 | 01 15 | 1629 05 | 1479 357 | 482 078 | 6 14 | 11 0 |
| 88 08 25 | 03 15 | 1629 07 | 1479 563 | 482 145 | 6 13 | 12 0 |
| 88 08 25 | 05 15 | 1629 05 | 1479 777 | 482 215 | 6 18 | 12 0 |
| 88 08 25 | 07 15 | 1628 88 | 1479 976 | 482 280 | 6 15 | 12 0 |
| 88 08 25 | 09 52 | 1628 88 | 1480 039 | 482 300 | 6 12 | 12 0 |
| 88 08 25 | 20 00 | 1637 42 | 1480 039 | 482 300 | 6 28 | 11 0 |
| 88 08 25 | 22 00 | 1628 09 | 1480 278 | 482 378 | 6 18 | 12 0 |
| 88 08 26 | 00 00 | 1627 92 | 1480 465 | 482 439 | 6 13 | 12 0 |
| 88 08 26 | 02 00 | 1627 71 | 1480 662 | 482 503 | 6 20 | 12 0 |
| 88 08 26 | 04 00 | 1627 55 | 1480 867 | 482 570 | 6 18 | 12 0 |
| 88 08 26 | 06 00 | 1627 38 | 1481 055 | 482 631 | 6 21 | 12 0 |
| 88 08 26 | 08 00 | 1627 30 | 1481 243 | 482 693 | 6 29 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 08 26 | 10 00 | 1627 67 | 1481 427 | 482 753 | 6 00 | 12 0 |
| 88 08 26 | 12 00 | 1627 98 | 1481 613 | 482 813 | 6 14 | 12 0 |
| 88 08 26 | 14 00 | 1628 23 | 1481 761 | 482 861 | 6 20 | 12 0 |
| 88 08 26 | 16 00 | 1628 38 | 1481 990 | 482 936 | 6 25 | 12 0 |
| 88 08 26 | 18 00 | 1628 55 | 1482 176 | 482 997 | 6 30 | 12 0 |
| 88 08 26 | 22 30 | 1637 90 | 1482 176 | 482 997 | 6 03 | 12 0 |
| 88 08 27 | 00 30 | 1628 38 | 1482 381 | 483 063 | 6 16 | 12 0 |
| 88 08 27 | 02 30 | 1628 13 | 1482 573 | 483 126 | 6 18 | 12 0 |
| 88 08 27 | 04 30 | 1628 01 | 1482 762 | 483 188 | 6 18 | 12 0 |
| 88 08 27 | 06 30 | 1627 88 | 1482 949 | 483 249 | 6 10 | 12 0 |
| 88 08 27 | 08 30 | 1627 82 | 1483 130 | 483 308 | 6 03 | 12 0 |
| 88 08 27 | 10 30 | 1627 78 | 1483 315 | 483 368 | 6 23 | 11 0 |
| 88 08 27 | 12 30 | 1627 88 | 1483 500 | 483 428 | 6 27 | 11 0 |
| 88 08 27 | 14 30 | 1627 96 | 1483 685 | 483 488 | 6 29 | 12 0 |
| 88 08 27 | 16 30 | 1627 92 | 1483 870 | 483 549 | 6 22 | 11 0 |
| 88 08 27 | 18 30 | 1627 90 | 1484 054 | 483 609 | 6 26 | 11 0 |
| 88 08 27 | 20 30 | 1627 86 | 1484 238 | 483 669 | 6 00 | 12 0 |
| 88 08 27 | 22 30 | 1627 90 | 1484 421 | 483 728 | 6 12 | 12 0 |
| 88 08 27 | 24 30 | 1627 88 | 1484 603 | 483 788 | 6 14 | 12 0 |
| 88 08 28 | 02 30 | 1627 90 | 1484 784 | 483 847 | 6 24 | 12 0 |
| 88 08 28 | 04 30 | 1647 47 | 1484 959 | 483 904 | 6 27 | 12 0 |
| 88 08 28 | 06 30 | 1627 84 | 1485 150 | 483 966 | 6 34 | 11 0 |
| 88 08 28 | 08 30 | 1627 88 | 1485 332 | 484 025 | 6 32 | 11 0 |
| 88 08 28 | 10 30 | 1627 92 | 1485 518 | 484 086 | 6 30 | 11 0 |
| 88 08 28 | 12 30 | 1628 05 | 1485 696 | 484 144 | 6 27 | 11 0 |
| 88 08 28 | 14 30 | 1628 05 | 1485 879 | 484 203 | 5 91 | 11 0 |
| 88 08 28 | 16 30 | 1628 09 | 1486 061 | 484 263 | 6 16 | 11 0 |
| 88 08 28 | 18 30 | 1628 11 | 1486 244 | 484 322 | 6 27 | 11 0 |
| 88 08 28 | 20 30 | 1628 19 | 1486 426 | 484 382 | 6 31 | 11 0 |
| 88 08 28 | 22 30 | 1628 21 | 1486 607 | 484 441 | 6 34 | 11 0 |
| 88 08 29 | 00 30 | 1628 26 | 1486 784 | 484 498 | 6 22 | 12 0 |
| 88 08 29 | 02 30 | 1628 38 | 1486 967 | 484 558 | 5 53 | 12 0 |
| 88 08 29 | 04 30 | 1628 44 | 1487 150 | 484 618 | 6 29 | 12 0 |
| 88 08 29 | 06 30 | 1628 53 | 1487 334 | 484 678 | 6 31 | 12 0 |
| 88 08 29 | 08 30 | 1628 63 | 1487 524 | 484 739 | 6 32 | 12 0 |
| 88 08 29 | 17 40 | 1637 53 | 1487 524 | 484 739 | 6 53 | 12 0 |
| 88 08 29 | 19 40 | 1628 82 | 1487 720 | 484 803 | 5 98 | 12 0 |
| 88 08 29 | 21 40 | 1628 46 | 1487 909 | 484 865 | 6 16 | 12 0 |
| 88 08 29 | 23 40 | 1628 59 | 1488 103 | 484 928 | 6 00 | 12 0 |
| 88 08 30 | 01 40 | 1628 63 | 1488 288 | 484 988 | 6 14 | 12 0 |
| 88 08 30 | 03 40 | 1628 67 | 1488 476 | 485 050 | 6 18 | 12 0 |
| 88 08 30 | 05 40 | 1628 63 | 1488 657 | 485 109 | 6 20 | 12 0 |
| 88 08 30 | 07 40 | 1628 55 | 1488 836 | 485 167 | 6 22 | 12 0 |
| 88 08 30 | 09 40 | 1628 46 | 1489 022 | 485 228 | 6 16 | 12 0 |
| 88 08 30 | 11 40 | 1628 51 | 1489 199 | 485 285 | 6 12 | 11 0 |
| 88 08 30 | 13 40 | 1628 71 | 1489 386 | 485 346 | 6 10 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 08 30 | 15 08 | 1628 82 | 1489 517 | 485 389 | 6 14 | 11 0 |
| 88 08 30 | 21 45 | 1637 82 | 1489 517 | 485 389 | 6 12 | 11 0 |
| 88 08 30 | 23 45 | 1629 21 | 1489 708 | 485 451 | 6 14 | 11 0 |
| 88 08 31 | 01 45 | 1629 17 | 1489 897 | 485 513 | 6 21 | 11 0 |
| 88 08 31 | 03 45 | 1629 13 | 1490 076 | 485 571 | 6 19 | 11 0 |
| 88 08 31 | 05 45 | 1629 13 | 1490 259 | 485 631 | 6 21 | 11 0 |
| 88 08 31 | 07 45 | 1629 11 | 1490 444 | 485 691 | 6 28 | 11 0 |
| 88 08 31 | 09 45 | 1628 94 | 1490 627 | 485 751 | 6 27 | 11 0 |
| 88 08 31 | 11 45 | 1629 05 | 1490 808 | 485 810 | 6 22 | 12 0 |
| 88 08 31 | 13 45 | 1629 32 | 1490 989 | 485 869 | 6 21 | 12 0 |
| 88 08 31 | 15 45 | 1629 36 | 1491 176 | 485 930 | 6 30 | 12 0 |
| 88 08 31 | 17 45 | 1629 38 | 1491 360 | 485 989 | 6 20 | 12 0 |
| 88 08 31 | 19 45 | 1629 46 | 1491 543 | 486 049 | 6 26 | 12 0 |
| 88 08 31 | 21 45 | 1629 57 | 1491 728 | 486 109 | 6 24 | 12 0 |
| 88 08 31 | 23 45 | 1629 51 | 1491 910 | 486 169 | 6 22 | 12 0 |
| 88 09 01 | 01 45 | 1629 55 | 1492 095 | 486 229 | 6 11 | 12 0 |
| 88 09 01 | 03 45 | 1629 55 | 1492 278 | 486 289 | 6 19 | 11 0 |
| 88 09 01 | 05 45 | 1629 63 | 1492 468 | 486 351 | 6 17 | 11 0 |
| 88 09 01 | 07 45 | 1629 71 | 1492 646 | 486 409 | 6 20 | 11 0 |
| 88 09 01 | 08 12 | 1630 38 | 1492 689 | 486 423 | 6 15 | 11 0 |
| 88 09 01 | 17 30 | 1638 71 | 1492 689 | 486 423 | 6 20 | 12 0 |
| 88 09 01 | 19 30 | 1629 92 | 1492 892 | 486 489 | 6 28 | 12 0 |
| 88 09 01 | 21 30 | 1629 88 | 1493 076 | 486 549 | 6 35 | 12 0 |
| 88 09 01 | 23 30 | 1629 78 | 1493 268 | 486 11 | 6 13 | 12 0 |
| 88 09 02 | 01 10 | | 1493 421 | 486 [illegible] | | |
| 88 09 02 | 19 20 | 1640 17 | 1493 421 | 486 6 | 6 21 | 11 0 |
| 88 09 02 | 21 20 | 1630 23 | 1493 607 | 486 7[illegible] | 6 25 | 11 0 |
| 88 09 02 | 23 20 | 1630 26 | 1493 789 | 486 781 | 6 22 | 11 0 |
| 88 09 03 | 01 20 | 1630 21 | 1493 971 | 486 840 | 6 23 | 11 0 |
| 88 09 03 | 03 30 | 1630 21 | 1494 152 | 486 899 | 6 20 | 11 0 |
| 88 09 03 | 05 20 | 1630 11 | 1494 332 | 486 958 | 6 21 | 11 0 |
| 88 09 03 | 07 20 | 1630 01 | 1494 512 | 487 017 | 6 19 | 11 0 |
| 88 09 03 | 09 20 | 1630 13 | 1494 690 | 487 075 | 6 14 | 11 0 |
| 88 09 03 | 11 20 | 1630 01 | 1494 869 | 487 133 | 6 23 | 12 0 |
| 88 09 03 | 13 20 | 1630 05 | 1495 049 | 487 192 | 6 18 | 12 0 |
| 88 09 03 | 15 20 | 1630 09 | 1495 232 | 487 251 | 6 86 | 12 0 |
| 88 09 03 | 17 20 | 1630 01 | 1495 410 | 487 309 | 6 26 | 12 0 |
| 88 09 03 | 19 20 | 1630 21 | 1495 590 | 487 368 | 6 18 | 12 0 |
| 88 09 03 | 21 20 | 1630 13 | 1495 769 | 487 426 | 6 12 | 12 0 |
| 88 09 03 | 23 20 | 1630 26 | 1495 947 | 487 484 | 6 17 | 12 0 |
| 88 09 04 | 01 20 | 1630 21 | 1496 127 | 487 543 | 6 12 | 12 0 |
| 88 09 04 | 03 20 | 1630 34 | 1496 305 | 487 601 | 6 23 | 12 0 |
| 88 09 04 | 05 20 | 1630 38 | 1496 487 | 487 660 | 6 27 | 12 0 |
| 88 09 04 | 07 20 | 1630 26 | 1496 663 | 487 718 | 6 30 | 12 0 |
| 88 09 04 | 09 20 | 1630 30 | 1496 841 | 487 776 | 6 24 | 12 0 |
| 88 09 04 | 11 20 | 1630 30 | 1497 038 | 487 840 | 6 19 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 09 04 | 13 20 | 1630 38 | 1497 203 | 487 894 | 6 14 | 12 0 |
| 88 09 04 | 15 20 | 1630 21 | 1497 382 | 487 952 | 6 30 | 12 0 |
| 88 09 04 | 17 20 | 1630 36 | 1497 560 | 488 010 | 6 21 | 12 0 |
| 88 09 04 | 19 20 | 1630 19 | 1497 737 | 488 068 | 6 19 | 12 0 |
| 88 09 04 | 21 20 | 1630 32 | 1497 915 | 488 126 | 6 24 | 12 0 |
| 88 09 04 | 23 20 | 1630 26 | 1498 086 | 488 181 | 6 27 | 12 0 |
| 88 09 05 | 01 20 | 1630 34 | 1498 271 | 488 242 | 6 22 | 12 0 |
| 88 09 05 | 03 20 | 1630 30 | 1498 447 | 488 299 | 6 31 | 12 0 |
| 88 09 05 | 05 20 | 1630 42 | 1498 624 | 488 357 | 6 24 | 12 0 |
| 88 09 05 | 07 20 | 1630 38 | 1498 800 | 488 414 | 6 26 | 12 0 |
| 88 09 05 | 09 20 | 1630 30 | 1498 885 | 488 442 | 6 15 | 12 0 |
| 88 09 05 | 11 20 | 1630 38 | 1499 158 | 488 531 | 6 20 | 12 0 |
| 88 09 05 | 13 20 | 1630 26 | 1499 337 | 488 589 | 6 14 | 12 0 |
| 88 09 05 | 15 20 | 1630 44 | 1499 512 | 488 646 | 6 39 | 12 0 |
| 88 09 05 | 17 20 | 1630 19 | 1499 689 | 488 704 | 6 30 | 12 0 |
| 88 09 05 | 19 20 | 1629 82 | 1499 863 | 488 760 | 6 21 | 12 0 |
| 88 09 05 | 21 20 | 1629 71 | 1500 036 | 488 817 | 6 28 | 12 0 |
| 88 09 05 | 23 20 | 1629 57 | 1500 209 | 488 873 | 6 30 | 12 0 |
| 88 09 06 | 01 20 | 1629 63 | 1500 380 | 488 929 | 6 17 | 12 0 |
| 88 09 06 | 03 20 | 1629 59 | 1500 551 | 488 985 | 6 15 | 12 0 |
| 88 09 06 | 05 20 | 1629 55 | 1500 723 | 489 041 | 6 13 | 12 0 |
| 88 09 06 | 07 20 | 1629 46 | 1500 894 | 489 096 | 6 20 | 12 0 |
| 88 09 06 | 09 20 | 1629 71 | 1501 069 | 489 153 | 6 15 | 12 0 |
| 88 09 06 | 10 30 | 1629 71 | 1501 159 | 489 183 | 6 10 | 12 0 |
| 88 09 06 | 19 45 | 1639 51 | 1501 159 | 489 183 | 6 30 | 11 0 |
| 88 09 06 | 21 45 | 1630 78 | 1501 337 | 489 241 | 6 32 | 11 0 |
| 88 09 06 | 23 45 | 1630 88 | 1501 513 | 489 298 | 6 38 | 11 0 |
| 88 09 07 | 01 45 | 1630 86 | 1501 691 | 489 356 | 6 08 | 11 0 |
| 88 09 07 | 03 45 | 1630 92 | 1501 871 | 489 415 | 6 13 | 11 0 |
| 88 09 07 | 05 45 | 1630 90 | 1502 051 | 489 473 | 6 21 | 11 0 |
| 88 09 07 | 07 45 | 1630 92 | 1502 232 | 489 532 | 6 30 | 11 0 |
| 88 09 07 | 08 40 | 1631 01 | 1502 316 | 489 560 | 6 28 | 11 0 |
| 88 09 07 | 20 40 | 1639 94 | 1502 316 | 489 560 | 6 05 | 12 0 |
| 88 09 07 | 22 40 | 1631 51 | 1502 500 | 489 620 | 6 17 | 12 0 |
| 88 09 08 | 00 40 | 1631 30 | 1502 676 | 489 677 | 6 22 | 12 0 |
| 88 09 08 | 02 40 | 1631 42 | 1502 858 | 489 736 | 6 27 | 12 0 |
| 88 09 08 | 04 40 | 1631 38 | 1503 066 | 489 804 | 6 18 | 12 0 |
| 88 09 08 | 06 40 | 1631 34 | 1503 225 | 489 856 | 6 17 | 12 0 |
| 88 09 08 | 08 40 | 1631 30 | 1503 400 | 489 913 | 6 20 | 12 0 |
| 88 09 08 | 10 40 | 1631 21 | 1503 582 | 489 972 | 6 13 | 12 0 |
| 88 09 08 | 12 40 | 1631 21 | 1503 758 | 490 030 | 6 10 | 12 0 |
| 88 09 08 | 14 40 | 1631 17 | 1503 841 | 490 057 | 6 14 | 12 0 |
| 88 09 08 | 16 40 | 1631 36 | 1504 121 | 490 148 | 6 03 | 12 0 |
| 88 09 08 | 18 40 | 1631 30 | 1504 300 | 490 206 | 5 93 | 12 0 |
| 88 09 08 | 20 40 | 1631 21 | 1504 477 | 490 264 | 5 85 | 12 0 |
| 88 09 08 | 22 40 | 1631 34 | 1504 655 | 490 322 | 6 10 | 12 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 09 09 | 00 40 | 1631 36 | 1504 831 | 490 379 | 6 23 | 12 0 |
| 88 09 09 | 02 40 | 1631 32 | 1505 007 | 490 437 | 6 28 | 12 0 |
| 88 09 09 | 04 40 | 1631 28 | 1505 191 | 490 497 | 5 81 | 12 0 |
| 88 09 09 | 06 40 | 1631 26 | 1505 369 | 490 555 | 6 07 | 12 0 |
| 88 09 09 | 08 40 | 1631 46 | 1505 544 | 490 612 | 5 93 | 12 0 |
| 88 09 09 | 10 40 | 1631 36 | 1505 721 | 490 669 | 6 04 | 12 0 |
| 88 09 09 | 12 40 | 1631 38 | 1505 899 | 490 727 | 6 20 | 12 0 |
| 88 09 09 | 14 40 | 1635 42 | 1506 077 | 490 785 | 5 98 | 12 0 |
| 88 09 09 | 16 40 | 1631 38 | 1506 256 | 490 844 | 6 01 | 12 0 |
| 88 09 09 | 18 40 | 1631 46 | 1506 431 | 490 901 | 6 03 | 12 0 |
| 88 09 09 | 20 40 | 1631 38 | 1506 609 | 490 959 | 5 84 | 12 0 |
| 88 09 09 | 22 40 | 1631 53 | 1506 785 | 491 016 | 5 97 | 12 0 |
| 88 09 10 | 00 40 | 1631 61 | 1506 958 | 491 072 | 6 00 | 11 0 |
| 88 09 10 | 02 40 | 1631 55 | 1507 131 | 491 129 | 5 80 | 11 0 |
| 88 09 10 | 04 40 | 1631 63 | 1507 314 | 491 188 | 6 16 | 10 0 |
| 88 09 10 | 06 40 | 1631 53 | 1507 489 | 491 245 | 6 23 | 11 0 |
| 88 09 10 | 08 40 | 1631 63 | 1507 670 | 491 304 | 6 19 | 11 0 |
| 88 09 10 | 10 40 | 1631 55 | 1507 846 | 491 362 | 6 28 | 11 0 |
| 88 09 10 | 12 40 | 1631 67 | 1508 022 | 491 419 | 6 38 | 11 0 |
| 88 09 10 | 14 40 | 1631 55 | 1508 199 | 491 477 | 6 51 | 11 0 |
| 88 09 10 | 16 40 | 1631 71 | 1508 378 | 491 535 | 6 79 | 11 0 |
| 88 09 10 | 18 40 | 1631 55 | 1508 554 | 491 592 | 6 39 | 10 0 |
| 88 09 10 | 20 40 | 1631 73 | 1508 730 | 491 650 | 6 20 | 10 0 |
| 88 09 10 | 22 40 | 1631 59 | 1508 907 | 491 708 | 6 17 | 10 0 |
| 88 09 11 | 00 40 | 1631 76 | 1509 082 | 491 765 | 6 11 | 11 0 |
| 88 09 11 | 02 40 | 1631 69 | 1509 258 | 491 822 | 6 04 | 10 0 |
| 88 09 11 | 04 40 | 1631 65 | 1509 435 | 491 880 | 6 14 | 11 0 |
| 88 09 11 | 06 40 | 1631 84 | 1509 535 | 491 912 | | |
| 88 09 11 | 08 40 | 1631 96 | 1509 786 | 491 994 | | |
| 88 09 11 | 12 40 | 1631 92 | 1510 140 | 492 109 | 6 12 | 11 0 |
| 88 09 11 | 14 40 | 1631 71 | 1510 316 | 492 167 | 6 11 | 11 0 |
| 88 09 11 | 16 40 | 1631 94 | 1510 495 | 492 225 | 6 38 | 11 0 |
| 88 09 11 | 18 40 | 1631 73 | 1510 672 | 492 283 | 6 27 | 11 0 |
| 88 09 11 | 20 40 | 1631 86 | 1510 848 | 492 340 | 6 21 | 11 0 |
| 88 09 11 | 22 40 | 1631 69 | 1511 025 | 492 398 | 6 30 | 11 0 |
| 88 09 12 | 00 40 | 1631 92 | 1511 198 | 492 454 | 6 33 | 10 0 |
| 88 09 12 | 00 52 | 1631 94 | 1511 215 | 492 460 | 6 33 | 10 0 |
| 88 09 12 | 05 35 | 1640 67 | 1511 215 | 492 460 | | 10 0 |
| 88 09 12 | 07 35 | 1632 21 | 1511 371 | 492 510 | 6 23 | 11 0 |
| 88 09 12 | 12 40 | 1632 38 | 1511 377 | 492 512 | 6 20 | |
| 88 09 12 | 14 40 | 1632 09 | 1511 555 | 492 570 | 6 10 | 11 0 |
| 88 09 12 | 16 40 | 1631 96 | 1511 745 | 492 632 | 6 31 | 11 0 |
| 88 09 12 | 18 40 | 1632 03 | 1511 918 | 492 689 | 6 28 | 11 0 |
| 88 09 12 | 20 40 | 1632 05 | 1512 096 | 492 747 | 6 30 | 11 0 |
| 88 09 12 | 22 40 | 1631 94 | 1512 274 | 492 805 | 6 21 | 11 0 |
| 88 09 13 | 00 40 | 1632 05 | 1512 450 | 492 862 | 6 27 | 11 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 09 13 | 02 40 | 1632 03 | 1512 625 | 492 919 | 6 33 | 11 0 |
| 88 09 13 | 04 40 | 1632 17 | 1512 808 | 492 979 | 6 21 | 11 0 |
| 88 09 13 | 06 40 | 1632 05 | 1512 984 | 493 036 | 6 16 | 11 0 |
| 88 09 13 | 08 40 | 1632 05 | 1513 156 | 493 092 | 6 20 | 11 0 |
| 88 09 13 | 10 40 | 1632 13 | 1513 333 | 493 150 | 6 12 | 11 0 |
| 88 09 13 | 12 40 | | 1513 527 | 493 213 | 6 02 | 11 0 |
| 88 09 13 | 14 40 | | 1513 716 | 493 275 | 6 16 | 11 0 |
| 88 09 13 | 16 40 | 1632 13 | 1513 902 | 493 335 | 6 11 | 11 0 |
| 88 09 13 | 18 40 | 1632 11 | 1514 090 | 493 397 | 6 13 | 11 0 |
| 88 09 13 | 20 40 | 1632 13 | 1514 268 | 493 455 | 5 74 | 11 0 |
| 88 09 13 | 22 40 | 1632 05 | 1514 467 | 493 519 | 6 25 | 11 0 |
| 88 09 14 | 00 40 | 1632 01 | 1514 653 | 493 580 | 6 14 | 11 0 |
| 88 09 14 | 02 40 | 1632 09 | 1514 848 | 493 644 | 6 20 | 11 0 |
| 88 09 14 | 04 40 | 1632 26 | 1515 040 | 493 706 | 6 16 | 11 0 |
| 88 09 14 | 06 40 | 1632 17 | 1515 230 | 493 768 | 6 14 | 11 0 |
| 88 09 14 | 08 40 | | 1515 420 | 493 830 | 6 12 | 11 0 |
| 88 09 14 | 10 40 | 1631 71 | 1515 611 | 493 892 | 6 18 | 12 0 |
| 88 09 14 | 12 40 | 1632 21 | 1515 801 | 493 954 | 6 01 | 12 0 |
| 88 09 14 | 14 40 | 1632 30 | 1515 993 | 494 017 | 6 04 | 12 0 |
| 88 09 14 | 16 40 | 1632 28 | 1516 188 | 494 080 | 6 16 | 12 0 |
| 88 09 14 | 18 40 | 1632 44 | 1516 380 | 494 143 | 6 21 | 13 0 |
| 88 09 14 | 20 40 | 1632 30 | 1516 572 | 494 205 | 6 26 | 13 0 |
| 88 09 14 | 22 40 | 1632 38 | 1516 764 | 494 268 | 6 28 | 13 0 |
| 88 09 15 | 00 40 | 1632 48 | 1516 954 | 494 330 | 6 04 | 12 0 |
| 88 09 15 | 02 40 | 1632 30 | 1517 146 | 494 392 | 6 12 | 12 0 |
| 88 09 15 | 04 40 | 1632 46 | 1517 341 | 494 456 | 6 11 | 12 0 |
| 88 09 15 | 06 40 | 1632 55 | 1517 534 | 494 519 | 6 11 | 12 0 |
| 88 09 15 | 08 40 | 1632 53 | 1517 726 | 494 581 | 6 34 | 12 0 |
| 88 09 15 | 10 40 | 1632 23 | 1517 918 | 494 644 | 6 39 | 12 0 |
| 88 09 15 | 12 40 | 1632 30 | 1518 107 | 494 706 | 6 34 | 12 0 |
| 88 09 15 | 14 40 | 1632 53 | 1518 301 | 494 769 | 6 31 | 12 0 |
| 88 09 15 | 16 40 | 1632 53 | 1518 496 | 494 832 | 6 28 | 12 0 |
| 88 09 15 | 18 40 | 1632 46 | 1518 689 | 494 895 | 6 19 | 12 0 |
| 88 09 15 | 20 40 | 1633 30 | 1518 882 | 494 958 | 6 24 | 12 0 |
| 88 09 15 | 22 40 | 1632 61 | 1519 077 | 495 022 | 6 21 | 12 0 |
| 88 09 16 | 00 40 | 1632 71 | 1519 273 | 495 085 | 6 15 | 12 0 |
| 88 09 16 | 02 40 | 1632 63 | 1519 468 | 495 149 | 6 21 | 12 0 |
| 88 09 16 | 04 40 | 1632 71 | 1519 663 | 495 213 | 6 19 | 12 0 |
| 88 09 16 | 06 40 | 1632 63 | 1519 858 | 495 276 | 6 20 | 12 0 |
| 88 09 16 | 08 40 | 1632 63 | 1520 053 | 495 340 | 6 22 | 12 0 |
| 88 09 16 | 10 40 | 1632 71 | 1520 248 | 495 403 | 6 24 | 12 0 |
| 88 09 16 | 12 40 | 1632 59 | 1520 440 | 495 466 | 6 27 | 12 0 |
| 88 09 16 | 14 40 | 1632 80 | 1520 633 | 495 529 | 6 24 | 12 0 |
| 88 09 16 | 16 40 | 1632 71 | 1520 828 | 495 592 | 6 27 | 12 0 |
| 88 09 16 | 18 40 | 1632 84 | 1521 022 | 495 655 | 6 20 | 12 0 |
| 88 09 16 | 20 40 | 1632 73 | 1521 217 | 495 719 | 6 16 | 12 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 09 16 | 22 40 | 1632 80 | 1521 412 | 495 783 | 6 14 | 12 0 |
| 88 09 17 | 00 40 | 1632 80 | 1521 607 | 495 846 | 6 19 | 12 0 |
| 88 09 17 | 02 03 | 1632 88 | 1521 741 | 495 890 | 6 26 | 12 0 |
| 88 09 17 | 22 15 | 1641 84 | 1521 741 | 495 890 | 6 37 | 10 0 |
| 88 09 18 | 00 15 | 1633 34 | 1522 002 | 495 975 | 0 06 | 11 0 |
| 88 09 18 | 02 15 | 1633 13 | 1522 203 | 496 040 | 6 14 | 11 0 |
| 88 09 18 | 04 15 | 1633 17 | 1522 408 | 496 107 | 6 17 | 11 0 |
| 88 09 18 | 06 15 | 1633 21 | 1522 614 | 496 174 | 6 27 | 11 0 |
| 88 09 18 | 08 15 | 1633 38 | 1522 807 | 496 237 | 6 30 | |
| 88 09 18 | 10 15 | 1632 58 | 1523 023 | 496 308 | 6 26 | |
| 88 09 18 | 12 15 | 1633 01 | 1523 219 | 496 371 | 6 19 | 11 0 |
| 88 09 18 | 14 15 | 1633 09 | 1523 420 | 496 437 | 6 14 | 11 0 |
| 88 09 18 | 16 15 | 1633 26 | 1523 631 | 496 506 | 6 29 | 11 0 |
| 88 09 18 | 18 15 | 1633 19 | 1523 838 | 496 573 | 6 36 | 11 0 |
| 88 09 18 | 20 15 | 1633 15 | 1524 038 | 496 638 | 6 30 | 11 0 |
| 88 09 18 | 22 15 | 1633 13 | 1524 256 | 496 709 | 6 25 | 11 0 |
| 88 09 19 | 00 15 | 1633 05 | 1524 465 | 496 777 | 6 32 | 11 0 |
| 88 09 19 | 02 15 | 1633 19 | 1524 676 | 496 846 | 6 03 | 11 0 |
| 88 09 19 | 04 15 | 1633 26 | 1524 893 | 496 917 | 6 12 | 11 0 |
| 88 09 19 | 06 15 | 1633 21 | 1525 108 | 496 987 | 6 18 | 11 0 |
| 88 09 19 | 08 15 | 1633 26 | 1525 328 | 497 059 | 6 14 | 11 0 |
| 88 09 19 | 10 15 | 1633 05 | 1525 548 | 497 130 | 6 10 | 11 0 |
| 88 09 19 | 12 15 | 1633 09 | 1525 767 | 497 202 | 6 12 | 11 0 |
| 88 09 19 | 14 15 | 1633 21 | 1525 998 | 497 277 | 6 20 | 11 0 |
| 88 09 19 | 16 15 | 1633 17 | 1526 241 | 497 356 | 6 20 | 11 0 |
| 88 09 19 | 18 15 | 1633 21 | 1526 475 | 497 432 | 6 27 | 11 0 |
| 88 09 19 | 20 15 | 1633 26 | 1526 722 | 497 513 | 6 34 | 11 0 |
| 88 09 19 | 22 15 | 1633 15 | 1526 963 | 497 591 | 6 42 | 11 0 |
| 88 09 20 | 00 15 | 1633 26 | 1527 216 | 497 674 | 6 11 | 11 0 |
| 88 09 20 | 02 15 | 1633 13 | 1527 463 | 497 754 | 6 24 | 11 0 |
| 88 09 20 | 04 15 | 1633 21 | 1527 714 | 497 836 | 6 28 | 11 0 |
| 88 09 20 | 06 15 | 1633 30 | 1527 964 | 497 918 | 6 31 | 11 0 |
| 88 09 20 | 08 15 | 1633 21 | 1528 215 | 497 999 | 6 30 | 11 0 |
| 88 09 20 | 10 15 | 1633 30 | 1528 467 | 498 082 | 6 28 | 11 0 |
| 88 09 20 | 12 15 | 1633 21 | 1528 738 | 498 170 | 6 20 | 11 0 |
| 88 09 20 | 14 15 | 1633 30 | 1528 935 | 498 234 | 6 16 | 11 0 |
| 88 09 20 | 16 15 | 1633 19 | 1529 166 | 498 309 | 6 12 | 11 0 |
| 88 09 20 | 18 15 | 1633 28 | 1529 394 | 498 384 | 6 24 | 11 0 |
| 88 09 20 | 20 15 | 1633 36 | 1529 621 | 498 458 | 6 25 | 11 0 |
| 88 09 20 | 22 15 | 1633 15 | 1529 851 | 498 533 | 6 27 | 11 0 |
| 88 09 21 | 00 15 | 1633 30 | 1530 068 | 498 603 | 6 09 | 11 0 |
| 88 09 21 | 02 15 | 1633 34 | 1530 314 | 498 683 | 6 18 | 11 0 |
| 88 09 21 | 04 15 | 1633 21 | 1530 521 | 498 751 | 6 23 | 11 0 |
| 88 09 21 | 06 15 | 1633 38 | 1530 749 | 498 825 | 6 20 | 11 0 |
| 88 09 21 | 08 15 | 1633 38 | 1530 982 | 498 901 | 6 21 | 11 0 |
| 88 09 21 | 10 15 | 1633 38 | 1531 204 | 498 973 | 6 28 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 09 21 | 12 15 | 1633 30 | 1531 427 | 499 046 | 6 30 | 11 0 |
| 88 09 21 | 14 15 | 1633 15 | 1531 677 | 499 128 | 6 31 | 11 0 |
| 88 09 21 | 16 15 | 1633 34 | 1531 925 | 499 208 | 6 19 | 11 0 |
| 88 09 21 | 18 15 | 1633 28 | 1532 173 | 499 289 | 6 27 | 11 0 |
| 88 09 21 | 20 15 | 1633 30 | 1532 423 | 499 371 | 6 22 | 11 0 |
| 88 09 21 | 21 30 | 1633 28 | 1532 581 | 499 422 | 6 25 | 11 0 |
| 88 09 22 | 05 00 | 1642 11 | 1532 581 | 499 422 | 6 24 | 11 0 |
| 88 09 22 | 07 00 | 1633 55 | 1532 838 | 499 506 | 6 32 | 11 0 |
| 88 09 22 | 09 00 | 1633 36 | 1533 097 | 499 590 | 6 35 | 11 0 |
| 88 09 22 | 11 00 | 1633 32 | 1533 346 | 499 671 | 6 29 | 11 0 |
| 88 09 22 | 13 00 | 1633 30 | 1533 596 | 499 753 | 6 36 | 11 0 |
| 88 09 22 | 15 00 | 1633 30 | 1533 845 | 499 834 | 6 27 | 11 0 |
| 88 09 22 | 17 15 | 1633 28 | 1534 138 | 499 930 | 6 00 | 11 0 |
| 88 09 22 | 19 15 | 1633 28 | 1534 396 | 500 014 | 6 28 | 11 0 |
| 88 09 22 | 21 15 | 1633 38 | 1534 646 | 500 095 | 6 33 | 11 0 |
| 88 09 22 | 23 15 | 1633 32 | 1534 900 | 500 178 | 6 25 | 11 0 |
| 88 09 23 | 01 15 | 1633 44 | 1535 150 | 500 259 | 6 38 | 11 0 |
| 88 09 23 | 03 15 | 1633 40 | 1535 406 | 500 343 | 6 32 | 11 0 |
| 88 09 23 | 05 15 | 1633 42 | 1535 660 | 500 426 | 6 36 | 11 0 |
| 88 09 23 | 07 15 | 1633 46 | 1535 914 | 500 508 | 6 39 | 11 0 |
| 88 09 23 | 09 15 | 1633 46 | 1536 171 | 500 592 | 6 19 | 12 0 |
| 88 09 23 | 11 15 | 1633 44 | 1536 436 | 500 678 | 6 31 | 12 0 |
| 88 09 23 | 13 15 | 1633 36 | 1536 701 | 500 765 | 6 35 | 12 0 |
| 88 09 23 | 15 15 | 1633 51 | 1536 973 | 500 853 | 6 20 | 12 0 |
| 88 09 23 | 17 15 | 1633 53 | 1537 238 | 500 940 | 6 22 | 12 0 |
| 88 09 23 | 19 15 | 1633 42 | 1537 503 | 501 026 | 6 12 | 12 0 |
| 88 09 23 | 21 15 | 1633 55 | 1537 769 | 501 113 | 6 19 | 12 0 |
| 88 09 24 | 06 03 | 1642 21 | 1537 769 | 501 113 | 6 02 | 12 0 |
| 88 09 24 | 08 03 | 1633 76 | 1538 028 | 501 197 | 5 95 | 12 0 |
| 88 09 24 | 10 00 | 1633 76 | 1538 288 | 501 282 | 6 13 | 12 0 |
| 88 09 24 | 12 00 | 1633 63 | 1538 555 | 501 369 | 6 19 | 12 0 |
| 88 09 24 | 14 00 | 1633 71 | 1538 825 | 501 457 | 6 18 | 12 0 |
| 88 09 24 | 16 00 | 1633 63 | 1539 088 | 501 543 | 6 40 | 12 0 |
| 88 09 24 | 18 00 | 1633 59 | 1539 358 | 501 631 | 6 50 | 12 0 |
| 88 09 24 | 20 00 | 1633 69 | 1539 633 | 501 720 | 6 25 | 13 0 |
| 88 09 24 | 22 00 | 1633 53 | 1539 898 | 501 807 | 6 30 | 13 0 |
| 88 09 25 | 00 00 | 1633 59 | 1540 167 | 501 894 | 6 23 | 12 0 |
| 88 09 25 | 02 00 | 1633 71 | 1540 424 | 501 978 | 6 23 | 13 0 |
| 88 09 25 | 04 00 | 1634 28 | 1540 694 | 502 066 | 6 35 | 12 0 |
| 88 09 25 | 06 00 | 1633 76 | 1540 961 | 502 153 | 6 42 | 12 0 |
| 88 09 25 | 08 00 | 1633 71 | 1541 220 | 502 237 | 6 35 | 12 0 |
| 88 09 25 | 10 00 | 1633 63 | 1541 488 | 502 325 | 6 30 | 12 0 |
| 88 09 25 | 12 00 | 1633 59 | 1541 753 | 502 411 | 6 16 | 12 0 |
| 88 09 25 | 14 00 | 1633 67 | 1542 032 | 502 502 | 6 24 | 12 0 |
| 88 09 25 | 16 00 | 1633 76 | 1542 306 | 502 591 | 6 14 | 12 0 |
| 88 09 25 | 18 00 | 1633 63 | 1542 575 | 502 679 | 6 27 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 09 25 | 20 00 | 1633 73 | 1542 844 | 502 767 | 6 23 | 12 0 |
| 88 09 25 | 22 00 | 1633 78 | 1543 114 | 502 855 | 6 28 | 12 0 |
| 88 09 26 | 00 00 | 1633 78 | 1543 380 | 502 941 | 6 25 | 12 0 |
| 88 09 26 | 02 00 | 1633 73 | 1543 647 | 503 028 | 6 11 | 12 0 |
| 88 09 26 | 04 00 | 1633 76 | 1543 919 | 503 117 | 6 23 | 12 0 |
| 88 09 26 | 06 00 | 1633 86 | 1544 192 | 503 206 | 6 31 | 12 0 |
| 88 09 26 | 08 00 | 1633 69 | 1544 455 | 503 292 | 6 35 | 12 0 |
| 88 09 26 | 10 00 | 1633 63 | 1544 730 | 503 381 | 6 23 | 12 0 |
| 88 09 26 | 12 00 | 1633 65 | 1544 947 | 503 452 | 6 37 | 12 0 |
| 88 09 26 | 14 00 | 1633 78 | 1545 267 | 503 556 | 6 23 | 12 0 |
| 88 09 26 | 16 00 | 1633 69 | 1545 537 | 503 644 | 6 17 | 12 0 |
| 88 09 26 | 18 00 | 1633 76 | 1545 806 | 503 732 | 6 31 | 12 0 |
| 88 09 26 | 20 00 | 1633 65 | 1546 076 | 503 820 | 6 38 | 12 0 |
| 88 09 26 | 22 00 | 1633 69 | 1546 346 | 503 908 | 6 26 | 12 0 |
| 88 09 27 | 00 00 | 1633 63 | 1546 616 | 503 996 | 6 14 | 12 0 |
| 88 09 27 | 02 00 | 1633 67 | 1546 882 | 504 082 | 6 23 | 12 0 |
| 88 09 27 | 04 00 | 1633 80 | 1547 156 | 504 172 | 6 24 | 12 0 |
| 88 09 27 | 06 00 | 1633 88 | 1547 426 | 504 260 | 6 24 | 12 0 |
| 88 09 27 | 08 00 | 1633 80 | 1547 686 | 504 344 | 6 34 | 12 0 |
| 88 09 27 | 10 00 | 1633 80 | 1547 967 | 504 436 | 6 29 | 12 0 |
| 88 09 27 | 12 00 | 1633 67 | 1548 128 | 504 488 | 6 23 | 12 0 |
| 88 09 27 | 14 00 | 1633 88 | 1548 489 | 504 606 | 6 19 | 12 0 |
| 88 09 27 | 16 00 | 1633 69 | 1548 774 | 504 699 | 6 04 | 13 0 |
| 88 09 27 | 18 00 | 1633 84 | 1549 038 | 504 785 | 6 20 | 13 0 |
| 88 09 27 | 20 00 | 1633 88 | 1549 242 | 504 851 | 6 18 | 12 0 |
| 88 09 28 | 00 00 | 1633 92 | 1549 808 | 505 036 | 6 27 | 12 0 |
| 88 09 28 | 02 00 | 1633 96 | 1550 080 | 505 125 | 6 31 | 12 0 |
| 88 09 28 | 04 00 | 1633 96 | 1550 351 | 505 213 | 6 22 | 12 0 |
| 88 09 28 | 06 00 | 1633 92 | 1550 622 | 505 301 | 6 26 | 12 0 |
| 88 09 28 | 08 00 | 1633 94 | 1550 897 | 505 391 | 6 24 | 12 0 |
| 88 09 28 | 10 00 | 1633 98 | 1551 164 | 505 478 | 6 35 | 12 0 |
| 88 09 28 | 12 00 | 1634 05 | 1551 433 | 505 565 | 6 36 | 12 0 |
| 88 09 28 | 14 00 | 1634 11 | 1551 699 | 505 652 | 6 22 | 12 0 |
| 88 09 28 | 16 00 | 1634 01 | 1551 961 | 505 738 | 6 16 | 12 0 |
| 88 09 28 | 18 00 | 1634 01 | 1552 231 | 505 826 | 6 05 | 13 0 |
| 88 09 28 | 20 00 | 1633 98 | 1552 516 | 505 918 | 6 03 | 13 0 |
| 88 09 28 | 22 00 | 1634 01 | 1552 769 | 506 001 | 6 13 | 13 0 |
| 88 09 29 | 00 00 | 1634 09 | 1553 040 | 506 089 | 6 23 | 12 0 |
| 88 09 29 | 02 00 | 1634 07 | 1553 317 | 506 179 | 6 31 | 12 0 |
| 88 09 29 | 04 00 | 1634 03 | 1553 600 | 506 272 | 6 01 | 12 0 |
| 88 09 29 | 05 00 | 1634 01 | 1553 872 | 506 360 | 6 08 | 12 0 |
| 88 09 29 | 07 40 | 1634 05 | 1553 913 | 506 374 | 6 20 | 12 0 |
| 88 09 29 | 09 40 | 1634 13 | 1554 169 | 506 457 | 6 24 | 12 0 |
| 88 09 29 | 11 40 | 1634 05 | 1554 444 | 506 547 | 6 32 | 12 0 |
| 88 09 29 | 13 40 | 1634 05 | 1554 642 | 506 611 | 6 20 | 12 0 |
| 88 09 29 | 15 40 | 1634 03 | 1554 850 | 506 679 | 6 14 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 09 29 | 17 40 | 1633 98 | 1555 188 | 506 789 | 5 90 | 12 0 |
| 88 09 29 | 19 40 | 1634 01 | 1555 448 | 506 874 | 5 99 | 12 0 |
| 88 09 29 | 21 40 | 1634 09 | 1555 676 | 506 948 | 6 10 | 12 0 |
| 88 09 29 | 23 40 | 1634 11 | 1555 924 | 507 029 | 6 31 | 12 0 |
| 88 09 30 | 01 40 | 1634 05 | 1556 172 | 507 110 | 6 03 | 12 0 |
| 88 09 30 | 03 40 | 1634 09 | 1556 417 | 507 190 | 6 15 | 12 0 |
| 88 09 30 | 05 40 | 1634 15 | 1556 663 | 507 270 | 6 26 | 12 0 |
| 88 09 30 | 07 40 | 1634 13 | 1556 914 | 507 352 | 6 34 | 12 0 |
| 88 09 30 | 09 40 | 1634 11 | 1557 159 | 507 431 | 6 22 | 12 0 |
| 88 09 30 | 11 15 | 1634 09 | 1557 262 | 507 465 | 6 30 | 12 0 |
| 88 10 01 | 05 50 | 1642 69 | 1557 312 | 507 481 | 6 08 | 12 0 |
| 88 10 01 | 07 58 | 1634 40 | 1557 593 | 507 573 | 6 10 | 12 0 |
| 88 10 01 | 09 58 | 1634 38 | 1557 826 | 507 649 | 6 06 | 12 0 |
| 88 10 01 | 11 58 | 1634 34 | 1558 057 | 507 724 | 6 29 | 12 0 |
| 88 10 01 | 13 58 | 1634 30 | 1558 287 | 507 799 | 6 33 | 12 0 |
| 88 10 01 | 15 58 | 1634 28 | 1558 516 | 507 874 | 6 25 | 12 0 |
| 88 10 01 | 17 58 | 1634 21 | 1558 747 | 507 949 | 6 30 | 12 0 |
| 88 10 01 | 19 58 | 1634 13 | 1558 968 | 508 021 | 6 32 | 12 0 |
| 88 10 01 | 21 58 | 1634 21 | 1559 197 | 508 096 | 6 29 | 12 0 |
| 88 10 01 | 23 58 | 1634 21 | 1559 417 | 508 167 | 6 35 | 11 0 |
| 88 10 02 | 01 58 | 1634 17 | 1559 636 | 508 239 | 6 29 | 11 0 |
| 88 10 02 | 03 58 | 1634 21 | 1559 867 | 508 314 | 6 21 | 11 0 |
| 88 10 02 | 05 58 | 1634 13 | 1560 092 | 508 387 | 6 26 | 11 0 |
| 88 10 02 | 07 58 | 1634 09 | 1560 378 | 508 480 | 6 22 | 11 0 |
| 88 10 02 | 09 58 | 1634 30 | 1560 547 | 508 535 | 6 20 | 11 0 |
| 88 10 02 | 11 58 | 1634 30 | 1560 768 | 508 607 | 6 16 | 11 0 |
| 88 10 02 | 13 58 | 1634 17 | 1560 973 | 508 674 | 6 10 | 11 0 |
| 88 10 02 | 16 00 | 1634 34 | 1561 227 | 508 757 | 6 53 | 11 0 |
| 88 10 02 | 18 00 | 1634 30 | 1561 454 | 508 831 | 6 26 | 11 0 |
| 88 10 02 | 20 00 | 1634 26 | 1561 677 | 508 904 | 6 29 | 11 0 |
| 88 10 02 | 22 00 | 1634 26 | 1561 900 | 508 976 | 6 29 | 11 0 |
| 88 10 03 | 00 00 | 1634 32 | 1562 124 | 509 049 | 6 34 | 11 0 |
| 88 10 03 | 02 00 | 1634 34 | 1562 343 | 509 121 | 6 19 | 11 0 |
| 88 10 03 | 04 00 | 1634 30 | 1562 568 | 509 194 | 6 23 | 11 0 |
| 88 10 03 | 06 00 | 1634 26 | 1562 790 | 509 266 | 6 38 | 11 0 |
| 88 10 03 | 08 00 | 1634 30 | 1563 020 | 509 341 | 6 30 | 11 0 |
| 88 10 03 | 10 00 | 1634 26 | 1563 220 | 509 407 | 6 23 | 11 0 |
| 88 10 03 | 11 18 | 1634 30 | 1563 370 | 509 455 | 6 22 | 11 0 |
| 88 10 03 | 21 50 | 1643 05 | 1563 370 | 509 455 | 6 12 | 11 0 |
| 88 10 03 | 23 50 | 1634 46 | 1563 593 | 509 528 | 6 09 | 11 0 |
| 88 10 04 | 01 50 | 1634 46 | 1563 818 | 509 601 | 6 17 | 11 0 |
| 88 10 04 | 03 50 | 1634 42 | 1564 044 | 509 675 | 6 21 | 11 0 |
| 88 10 04 | 05 50 | 1634 30 | 1564 269 | 509 748 | 6 27 | 11 0 |
| 88 10 04 | 07 50 | 1634 38 | 1564 490 | 509 820 | 6 23 | 11 0 |
| 88 10 04 | 09 50 | 1634 34 | 1564 716 | 509 894 | 6 30 | 11 0 |
| 88 10 04 | 11 40 | 1634 38 | 1564 926 | 509 962 | 6 22 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 10 04 | 18 30 | 1642 84 | 1564 926 | 509 962 | 6 03 | 11 0 |
| 88 10 04 | 20 50 | 1634 42 | 1565 188 | 510 048 | 6 27 | 13 0 |
| 88 10 04 | 22 30 | 1634 34 | 1565 455 | 510 135 | 6 30 | 13 0 |
| 88 10 05 | 00 30 | 1634 17 | 1565 712 | 510 219 | 6 16 | 12 0 |
| 88 10 05 | 02 30 | 1634 30 | 1565 976 | 510 305 | 6 24 | 12 0 |
| 88 10 05 | 04 30 | 1634 30 | 1566 241 | 510 391 | 6 28 | 12 0 |
| 88 10 05 | 06 30 | 1634 17 | 1566 505 | 510 477 | 6 30 | 12 0 |
| 88 10 05 | 08 30 | 1634 30 | 1566 759 | 510 560 | 6 36 | 12 0 |
| 88 10 05 | 10 30 | 1634 30 | 1567 025 | 510 646 | 6 24 | 12 0 |
| 88 10 05 | 12 30 | 1634 26 | 1567 288 | 510 732 | 6 23 | 12 0 |
| 88 10 05 | 14 30 | 1634 46 | 1567 540 | 510 814 | 6 20 | 12 0 |
| 88 10 05 | 16 30 | 1634 34 | 1567 691 | 510 863 | 6 54 | 12 0 |
| 88 10 05 | 18 30 | 1634 26 | 1567 831 | 510 909 | 6 44 | 12 0 |
| 88 10 05 | 20 30 | 1634 34 | 1568 036 | 510 976 | 6 26 | 12 0 |
| 88 10 05 | 22 30 | 1634 38 | 1568 209 | 511 032 | 6 27 | 12 0 |
| 88 10 06 | 00 30 | 1634 26 | 1568 375 | 511 086 | 6 19 | 12 0 |
| 88 10 06 | 02 30 | 1634 34 | 1568 547 | 511 142 | 6 24 | 12 0 |
| 88 10 06 | 04 30 | 1634 34 | 1568 719 | 511 198 | 6 27 | 12 0 |
| 88 10 06 | 06 30 | 1634 46 | 1568 890 | 511 254 | 6 26 | 12 0 |
| 88 10 06 | 08 30 | 1634 42 | 1569 063 | 511 311 | 6 33 | 12 0 |
| 88 10 06 | 10 30 | 1634 84 | 1569 233 | 511 366 | 6 35 | 12 0 |
| 88 10 06 | 12 30 | 1635 01 | 1569 379 | 511 414 | 6 16 | 12 0 |
| 88 10 06 | 14 30 | 1635 05 | 1569 527 | 511 462 | 6 20 | 12 0 |
| 88 10 06 | 16 30 | 1634 96 | 1569 670 | 511 508 | 6 60 | 12 0 |
| 88 10 06 | 18 30 | 1634 96 | 1569 820 | 511 557 | 6 27 | 12 0 |
| 88 10 06 | 20 30 | 1635 05 | 1569 968 | 511 605 | 6 55 | 12 0 |
| 88 10 06 | 22 30 | 1635 01 | 1570 120 | 511 655 | 6 43 | 12 0 |
| 88 10 07 | 00 30 | 1635 07 | 1570 267 | 511 703 | 6 27 | 12 0 |
| 88 10 07 | 02 30 | 1634 98 | 1570 418 | 511 752 | 6 10 | 12 0 |
| 88 10 07 | 04 30 | 1634 92 | 1570 570 | 511 802 | 6 18 | 12 0 |
| 88 10 07 | 06 30 | 1635 03 | 1570 719 | 511 850 | 6 23 | 12 0 |
| 88 10 07 | 08 30 | 1634 38 | 1570 870 | 511 899 | 6 34 | 12 0 |
| 88 10 07 | 10 30 | 1634 51 | 1571 046 | 511 957 | 6 15 | 12 0 |
| 88 10 07 | 12 30 | 1634 48 | 1571 162 | 511 995 | 6 14 | 12 0 |
| 88 10 07 | 14 30 | 1634 38 | 1571 380 | 512 066 | 6 30 | 12 0 |
| 88 10 07 | 16 30 | 1634 55 | 1571 538 | 512 117 | 6 07 | 12 0 |
| 88 10 07 | 18 30 | 1634 44 | 1571 707 | 512 172 | 6 10 | 13 0 |
| 88 10 07 | 20 30 | 1634 44 | 1571 874 | 512 227 | 6 12 | 13 0 |
| 88 10 07 | 22 30 | 1634 53 | 1572 045 | 512 282 | 6 13 | 13 0 |
| 88 10 08 | 00 30 | 1634 42 | 1572 209 | 512 336 | 6 19 | 12 0 |
| 88 10 08 | 02 30 | 1634 46 | 1572 376 | 512 390 | 6 24 | 12 0 |
| 88 10 08 | 04 30 | 1634 46 | 1572 491 | 512 428 | 6 27 | 12 0 |
| 88 10 08 | 06 30 | 1634 59 | 1572 709 | 512 499 | 6 33 | 12 0 |
| 88 10 08 | 08 30 | 1634 51 | 1572 880 | 512 554 | 6 31 | 12 0 |
| 88 10 08 | 10 30 | 1634 65 | 1573 047 | 512 609 | 6 19 | 12 0 |
| 88 10 08 | 12 30 | 1634 53 | 1573 214 | 512 663 | 6 21 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 10 08 | 14 30 | 1634 67 | 1573 381 | 512 718 | 6 27 | 12 0 |
| 88 10 08 | 16 30 | 1634 59 | 1573 542 | 512 770 | 6 40 | 12 0 |
| 88 10 08 | 18 30 | 1634 55 | 1573 708 | 512 824 | 6 36 | 12 0 |
| 88 10 08 | 20 30 | 1634 63 | 1573 876 | 512 879 | 6 36 | 12 0 |
| 88 10 08 | 22 30 | 1634 61 | 1574 043 | 512 933 | 6 33 | 12 0 |
| 88 10 09 | 00 30 | 1634 63 | 1574 211 | 512 988 | 6 20 | 12 0 |
| 88 10 09 | 02 30 | 1634 69 | 1574 380 | 513 043 | 6 23 | 12 0 |
| 88 10 09 | 04 30 | 1634 63 | 1574 546 | 513 097 | 6 24 | 12 0 |
| 88 10 09 | 06 30 | 1634 61 | 1574 713 | 513 152 | 6 33 | 12 0 |
| 88 10 09 | 08 30 | 1634 63 | 1574 881 | 513 206 | 6 30 | 12 0 |
| 88 10 09 | 10 30 | 1634 71 | 1575 054 | 513 263 | 6 35 | 12 0 |
| 88 10 09 | 12 30 | 1634 80 | 1575 212 | 513 314 | 6 20 | 12 0 |
| 88 10 09 | 14 30 | 1634 67 | 1575 384 | 513 370 | 6 19 | 12 0 |
| 88 10 09 | 16 30 | 1634 80 | 1575 550 | 513 424 | 6 91 | 12 0 |
| 88 10 09 | 18 30 | 1634 59 | 1575 714 | 513 478 | 6 54 | 12 0 |
| 88 10 09 | 20 30 | 1634 76 | 1575 884 | 513 533 | 6 27 | 12 0 |
| 88 10 09 | 22 30 | 1634 67 | 1576 048 | 513 587 | 6 39 | 12 0 |
| 88 10 09 | 23 55 | 1634 90 | 1576 174 | 513 628 | 6 25 | 12 0 |
| 88 10 10 | 17 20 | 1643 59 | 1576 175 | 513 628 | 6 23 | 12 0 |
| 88 10 10 | 19 20 | 1634 96 | 1576 333 | 513 680 | 6 12 | 12 0 |
| 88 10 10 | 21 20 | 1634 92 | 1576 504 | 513 735 | 6 35 | 12 0 |
| 88 10 10 | 23 20 | 1634 82 | 1576 676 | 513 791 | 6 33 | 12 0 |
| 88 10 11 | 01 20 | 1634 84 | 1576 846 | 513 847 | 5 89 | 12 0 |
| 88 10 11 | 03 20 | 1634 88 | 1577 015 | 513 902 | 6 11 | 12 0 |
| 88 10 11 | 05 20 | 1634 92 | 1577 187 | 513 958 | 6 23 | 12 0 |
| 88 10 11 | 07 20 | 1634 96 | 1577 365 | 514 016 | 6 30 | 12 0 |
| 88 10 11 | 09 20 | 1634 76 | 1577 523 | 514 067 | 6 26 | 12 0 |
| 88 10 11 | 11 20 | 1634 80 | 1577 698 | 514 124 | 6 22 | 12 0 |
| 88 10 11 | 13 20 | 1634 80 | 1577 865 | 514 179 | 6 20 | 12 0 |
| 88 10 11 | 15 30 | 1634 71 | 1578 042 | 514 237 | 6 22 | 12 0 |
| 88 10 11 | 17 30 | 1634 88 | 1578 212 | 514 292 | 6 36 | 12 0 |
| 88 10 11 | 19 30 | 1634 67 | 1578 381 | 514 347 | 6 30 | 12 0 |
| 88 10 11 | 21 30 | 1634 84 | 1578 555 | 514 404 | 6 31 | 12 0 |
| 88 10 11 | 23 30 | 1634 71 | 1578 720 | 514 457 | 6 34 | 12 0 |
| 88 10 12 | 01 30 | 1634 88 | 1578 890 | 514 513 | 6 21 | 12 0 |
| 88 10 12 | 03 30 | 1634 88 | 1579 058 | 514 568 | 6 29 | 12 0 |
| 88 10 12 | 05 30 | 1634 80 | 1579 238 | 514 626 | 6 25 | 12 0 |
| 88 10 12 | 07 30 | 1634 88 | 1579 401 | 514 679 | 6 32 | 12 0 |
| 88 10 12 | 09 30 | 1634 76 | 1579 566 | 514 733 | 6 30 | 12 0 |
| 88 10 12 | 21 20 | 1643 67 | 1579 575 | 514 736 | 5 71 | 12 0 |
| 88 10 12 | 23 20 | 1635 09 | 1579 751 | 514 793 | 6 09 | 12 0 |
| 88 10 13 | 01 20 | 1635 11 | 1579 926 | 514 850 | 6 14 | 13 0 |
| 88 10 13 | 03 20 | 1634 92 | 1580 096 | 514 906 | 6 13 | 13 0 |
| 88 10 13 | 05 20 | 1635 05 | 1580 267 | 514 962 | 6 15 | 13 0 |
| 88 10 13 | 07 20 | 1635 09 | 1580 442 | 515 019 | 6 17 | 12 0 |
| 88 10 13 | 09 10 | 1634 90 | 1580 596 | 515 069 | 5 70 | 13 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 10 13 | 11 10 | 1635 09 | 1580 767 | 515 125 | 5 77 | 13 0 |
| 88 10 13 | 13 10 | 1634 92 | 1580 933 | 515 179 | 6 09 | 13 0 |
| 88 10 13 | 15 30 | 1635 09 | 1581 132 | 515 243 | 6 24 | 13 0 |
| 88 10 13 | 17 30 | 1634 88 | 1581 303 | 515 299 | 6 30 | 13 0 |
| 88 10 13 | 19 30 | 1635 09 | 1581 480 | 515 357 | 6 31 | 13 0 |
| 88 10 13 | 21 30 | 1634 96 | 1581 643 | 515 410 | 6 28 | 13 0 |
| 88 10 13 | 23 30 | 1635 09 | 1581 816 | 515 466 | 5 82 | 13 0 |
| 88 10 14 | 01 30 | 1635 03 | 1581 986 | 515 522 | 5 89 | 13 0 |
| 88 10 14 | 03 30 | 1635 11 | 1582 156 | 515 577 | 5 88 | 13 0 |
| 88 10 14 | 05 30 | 1635 17 | 1582 329 | 515 634 | 5 92 | 13 0 |
| 88 10 14 | 07 30 | 1635 05 | 1582 498 | 515 689 | 5 77 | 12 0 |
| 88 10 14 | 09 30 | 1635 17 | 1582 669 | 515 744 | 5 93 | 12 7 |
| 88 10 14 | 11 30 | 1634 98 | 1582 834 | 515 798 | 5 91 | 12 7 |
| 88 10 14 | 13 30 | 1635 17 | 1583 007 | 515 854 | 5 99 | 12 6 |
| 88 10 14 | 15 30 | 1635 05 | 1583 182 | 515 912 | 6 14 | 12 0 |
| 88 10 14 | 17 30 | 1635 19 | 1583 352 | 515 967 | 6 26 | 12 0 |
| 88 10 14 | 19 30 | 1634 98 | 1583 522 | 516 022 | 6 45 | 12 0 |
| 88 10 14 | 21 30 | 1635 15 | 1583 692 | 516 078 | 6 38 | 12 0 |
| 88 10 14 | 23 30 | 1635 05 | 1583 860 | 516 132 | 5 84 | 13 0 |
| 88 10 15 | 01 30 | 1635 21 | 1584 030 | 516 188 | 5 90 | 13 0 |
| 88 10 15 | 03 30 | 1635 05 | 1584 188 | 516 239 | 5 97 | 13 0 |
| 88 10 15 | 05 30 | 1635 21 | 1584 358 | 516 295 | 5 98 | 13 0 |
| 88 10 15 | 07 30 | 1635 09 | 1584 542 | 516 355 | 6 00 | 12 5 |
| 88 10 15 | 09 30 | 1635 23 | 1584 710 | 516 409 | 6 06 | 12 7 |
| 88 10 15 | 11 30 | 1635 15 | 1584 881 | 516 465 | 5 95 | 12 7 |
| 88 10 15 | 13 30 | 1635 21 | 1585 053 | 516 521 | 5 94 | 12 7 |
| 88 10 15 | 15 30 | 1635 17 | 1585 220 | 516 576 | 6 36 | 13 0 |
| 88 10 15 | 17 30 | 1635 13 | 1585 390 | 516 631 | 6 27 | 13 0 |
| 88 10 15 | 19 30 | 1635 15 | 1585 561 | 516 687 | 6 32 | 13 0 |
| 88 10 15 | 21 30 | 1635 09 | 1585 732 | 516 742 | 6 51 | 13 0 |
| 88 10 15 | 23 30 | 1635 13 | 1585 904 | 516 799 | 6 18 | 12 0 |
| 88 10 16 | 01 30 | 1635 17 | 1586 074 | 516 854 | 6 22 | 12 0 |
| 88 10 16 | 03 30 | 1635 03 | 1586 243 | 516 909 | 6 29 | 12 0 |
| 88 10 16 | 05 30 | 1635 19 | 1586 414 | 516 965 | 6 42 | 13 0 |
| 88 10 16 | 07 30 | 1635 09 | 1586 590 | 517 022 | 6 18 | 12 0 |
| 88 10 16 | 09 30 | 1635 26 | 1586 758 | 517 077 | 6 17 | 12 0 |
| 88 10 16 | 11 30 | 1635 26 | 1586 930 | 517 133 | 6 12 | 12 0 |
| 88 10 16 | 13 30 | 1635 21 | 1587 100 | 517 188 | 6 14 | 12 0 |
| 88 10 16 | 15 30 | 1635 36 | 1587 274 | 517 245 | 6 01 | 12 0 |
| 88 10 16 | 17 30 | 1635 15 | 1587 448 | 517 302 | 6 33 | 12 0 |
| 88 10 16 | 19 30 | 1635 34 | 1587 621 | 517 358 | 6 28 | 12 0 |
| 88 10 16 | 21 30 | 1635 21 | 1587 788 | 517 412 | 6 24 | 12 0 |
| 88 10 16 | 23 30 | 1635 30 | 1587 956 | 517 467 | 5 97 | 13 0 |
| 88 10 17 | 01 30 | 1635 38 | 1588 130 | 517 524 | 5 94 | 13 0 |
| 88 10 17 | 03 30 | 1635 26 | 1588 299 | 517 579 | 5 93 | 13 0 |
| 88 10 17 | 05 30 | 1635 36 | 1588 470 | 517 635 | 6 01 | 13 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 10 17 | 07 30 | 1635 42 | 1588 638 | 517 689 | 5 77 | 13 0 |
| 88 10 17 | 09 30 | 1635 21 | 1588 810 | 517 746 | 5 72 | 13 0 |
| 88 10 17 | 11 30 | 1635 38 | 1588 981 | 517 801 | 5 69 | 13 0 |
| 88 10 17 | 13 30 | 1635 34 | 1589 150 | 517 856 | 5 84 | 13 0 |
| 88 10 17 | 15 30 | 1635 21 | 1589 320 | 517 912 | 6 19 | 13 0 |
| 88 10 17 | 17 30 | 1635 30 | 1589 490 | 517 967 | 6 29 | 13 0 |
| 88 10 17 | 19 30 | 1635 09 | 1589 664 | 518 024 | 6 31 | 13 0 |
| 88 10 17 | 21 30 | 1635 21 | 1589 835 | 518 080 | 6 33 | 13 0 |
| 88 10 17 | 23 30 | 1635 34 | 1590 006 | 518 135 | 5 96 | 13 0 |
| 88 10 18 | 01 30 | 1635 17 | 1590 179 | 518 192 | 5 99 | 13 0 |
| 88 10 18 | 03 30 | 1635 32 | 1590 348 | 518 247 | 6 08 | 13 0 |
| 88 10 18 | 05 30 | 1635 38 | 1590 519 | 518 302 | 6 17 | 13 0 |
| 88 10 18 | 07 30 | 1635 21 | 1590 687 | 518 357 | 5 95 | 12 0 |
| 88 10 18 | 09 30 | 1635 36 | 1590 857 | 518 413 | 5 94 | 12 0 |
| 88 10 18 | 11 30 | 1635 26 | 1591 029 | 518 469 | 6 06 | 12 0 |
| 88 10 18 | 13 30 | 1635 36 | 1591 199 | 518 524 | 6 03 | 12 0 |
| 88 10 18 | 15 30 | 1635 42 | 1591 373 | 518 581 | 6 65 | 12 0 |
| 88 10 18 | 17 30 | 1635 21 | 1591 540 | 518 635 | 6 62 | 12 0 |
| 88 10 18 | 19 30 | 1635 38 | 1591 711 | 518 691 | 6 30 | 12 0 |
| 88 10 18 | 21 30 | 1635 30 | 1591 881 | 518 746 | 6 42 | 12 0 |
| 88 10 18 | 23 30 | 1634 34 | 1592 057 | 518 804 | 6 49 | 12 0 |
| 88 10 19 | 01 30 | 1635 38 | 1592 224 | 518 858 | 6 14 | 12 0 |
| 88 10 19 | 03 30 | 1635 34 | 1592 395 | 518 914 | 6 22 | 12 0 |
| 88 10 19 | 05 30 | 1635 34 | 1592 567 | 518 970 | 6 34 | 12 0 |
| 88 10 19 | 07 30 | 1635 46 | 1592 736 | 519 025 | 5 98 | 12 0 |
| 88 10 19 | 09 30 | 1635 30 | 1592 910 | 519 082 | 6 04 | 13 0 |
| 88 10 19 | 11 30 | 1635 38 | 1593 083 | 519 138 | 6 01 | 13 0 |
| 88 10 19 | 13 30 | 1635 55 | 1593 250 | 519 192 | 5 95 | 13 0 |
| 88 10 19 | 15 30 | 1635 28 | 1593 427 | 519 250 | 6 19 | 12 0 |
| 88 10 19 | 17 30 | 1635 46 | 1593 598 | 519 306 | 6 21 | 12 0 |
| 88 10 19 | 18 00 | 1635 51 | 1593 641 | 519 320 | 6 17 | 12 0 |
| 88 10 20 | 02 20 | 1643 96 | 1593 641 | 519 320 | 6 04 | 12 0 |
| 88 10 20 | 04 20 | 1635 55 | 1593 815 | 519 376 | 6 06 | 12 0 |
| 88 10 20 | 06 20 | 1635 59 | 1593 987 | 519 433 | 6 17 | 12 0 |
| 88 10 20 | 08 20 | 1635 67 | 1594 160 | 519 489 | 6 00 | 12 0 |
| 88 10 20 | 10 20 | 1635 51 | 1594 331 | 519 545 | 6 01 | 12 0 |
| 88 10 20 | 12 20 | 1635 63 | 1594 503 | 519 601 | 6 08 | 13 0 |
| 88 10 20 | 14 20 | 1635 63 | 1594 674 | 519 656 | 6 11 | 12 0 |
| 88 10 20 | 16 20 | 1635 55 | 1594 860 | 519 717 | 6 27 | 13 0 |
| 88 10 20 | 18 30 | 1635 46 | 1595 032 | 519 773 | 6 36 | 13 0 |
| 88 10 20 | 20 30 | 1635 59 | 1595 201 | 519 828 | 6 25 | 13 0 |
| 88 10 20 | 22 30 | 1635 46 | 1595 374 | 519 885 | 6 33 | 13 0 |
| 88 10 21 | 00 30 | 1635 57 | 1595 549 | 519 942 | 5 91 | 13 0 |
| 88 10 21 | 02 30 | 1635 46 | 1595 720 | 519 997 | 6 01 | 13 0 |
| 88 10 21 | 04 30 | 1635 59 | 1595 890 | 520 053 | 6 06 | 13 0 |
| 88 10 21 | 06 30 | 1635 53 | 1596 061 | 520 108 | 6 03 | 13 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 10 21 | 08 30 | 1635 51 | 1596 230 | 520 163 | 6 13 | 13 0 |
| 88 10 21 | 10 30 | 1635 55 | 1596 299 | 520 186 | 6 26 | 13 0 |
| 88 10 21 | 12 30 | 1635 53 | 1596 571 | 520 275 | 6 24 | 13 0 |
| 88 10 21 | 14 30 | 1635 51 | 1596 735 | 520 328 | 6 17 | 13 0 |
| 88 10 21 | 16 30 | 1635 46 | 1596 904 | 520 383 | 6 39 | 13 0 |
| 88 10 21 | 18 30 | 1635 55 | 1597 074 | 520 439 | 6 13 | 13 0 |
| 88 10 21 | 20 30 | 1635 63 | 1597 243 | 520 494 | 6 28 | 13 0 |
| 88 10 21 | 22 30 | 1635 46 | 1597 412 | 520 549 | 6 28 | 13 0 |
| 88 10 22 | 00 30 | 1635 67 | 1597 585 | 520 605 | 5 89 | 13 0 |
| 88 10 22 | 02 30 | 1635 51 | 1597 754 | 520 660 | 6 03 | 13 0 |
| 88 10 22 | 04 30 | 1635 69 | 1597 923 | 520 715 | 6 15 | 13 0 |
| 88 10 22 | 06 10 | 1635 44 | 1598 065 | 520 761 | 6 21 | 13 0 |
| 88 10 22 | 22 00 | 1644 03 | 1598 065 | 520 761 | 6 53 | 12 0 |
| 88 10 23 | 00 00 | 1636 01 | 1598 232 | 520 816 | 6 07 | 13 0 |
| 88 10 23 | 02 00 | 1635 96 | 1598 403 | 520 872 | 6 02 | 13 0 |
| 88 10 23 | 04 00 | 1635 73 | 1598 575 | 520 928 | 6 04 | 13 0 |
| 88 10 23 | 06 00 | 1636 09 | 1598 740 | 520 981 | 6 10 | 13 0 |
| 88 10 23 | 08 00 | 1635 84 | 1598 908 | 521 036 | 5 77 | 13 0 |
| 88 10 23 | 10 00 | 1635 80 | 1599 078 | 521 092 | 5 82 | 13 0 |
| 88 10 23 | 12 00 | 1635 76 | 1599 246 | 521 146 | 5 85 | 13 0 |
| 88 10 23 | 14 00 | 1635 84 | 1599 416 | 521 202 | 5 87 | |
| 88 10 23 | 16 00 | 1635 80 | 1599 581 | 521 255 | 6 27 | 13 0 |
| 88 10 23 | 17 30 | | 1599 710 | 521 297 | | |
| 88 10 24 | 02 10 | 1644 05 | 1599 710 | 521 297 | 6 00 | 12 0 |
| 88 10 24 | 04 10 | 1635 92 | 1599 878 | 521 352 | 6 07 | 12 0 |
| 88 10 24 | 06 10 | 1635 98 | 1600 042 | 521 406 | 6 13 | 12 0 |
| 88 10 24 | 08 10 | 1636 01 | 1600 206 | 521 459 | 6 23 | 12 0 |
| 88 10 24 | 10 10 | 1635 92 | 1600 370 | 521 513 | 6 14 | 12 0 |
| 88 10 24 | 12 10 | 1635 71 | 1600 528 | 521 564 | 6 00 | 13 0 |
| 88 10 24 | 14 10 | 1635 88 | 1600 692 | 521 618 | 6 07 | 13 0 |
| 88 10 24 | 16 10 | 1635 88 | 1600 846 | 521 668 | 6 11 | 12 0 |
| 88 10 24 | 18 10 | 1635 84 | 1601 023 | 521 725 | 6 26 | 12 0 |
| 88 10 24 | 20 10 | 1635 84 | 1601 185 | 521 778 | 6 28 | 12 0 |
| 88 10 24 | 22 10 | 1635 71 | 1601 347 | 521 831 | 6 32 | 12 0 |
| 88 10 25 | 00 10 | 1635 84 | 1601 506 | 521 883 | 6 30 | 12 0 |
| 88 10 25 | 02 10 | 1637 84 | 1601 701 | 521 946 | 6 36 | 12 0 |
| 88 10 25 | 04 10 | 1635 76 | 1601 831 | 521 989 | 6 29 | 12 0 |
| 88 10 25 | 06 10 | 1635 71 | 1601 992 | 522 041 | 6 30 | 12 0 |
| 88 10 25 | 08 10 | 1635 69 | 1602 155 | 522 094 | 6 33 | 12 0 |
| 88 10 25 | 10 10 | 1635 78 | 1602 316 | 522 147 | 6 27 | 12 0 |
| 88 10 25 | 12 10 | 1635 88 | 1602 476 | 522 199 | 6 36 | 13 0 |
| 88 10 25 | 14 10 | 1635 80 | 1602 638 | 522 252 | 6 32 | 13 0 |
| 88 10 25 | 16 10 | 1635 88 | 1602 803 | 522 305 | 6 37 | 13 0 |
| 88 10 25 | 18 10 | 1635 80 | 1602 961 | 522 357 | 6 33 | 13 0 |
| 88 10 25 | 20 10 | 1635 84 | 1603 123 | 522 410 | 6 10 | 13 0 |
| 88 10 25 | 22 10 | 1635 90 | 1603 284 | 522 462 | 6 12 | 13 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 10 26 | 00 10 | 1635 86 | 1603 444 | 522 514 | 6 01 | 12 0 |
| 88 10 26 | 02 10 | 1635 88 | 1603 601 | 522 565 | 6 11 | 12 0 |
| 88 10 26 | 04 10 | 1635 96 | 1603 766 | 522 619 | 6 20 | 12 0 |
| 88 10 26 | 06 10 | 1635 88 | 1603 925 | 522 671 | 6 17 | 12 0 |
| 88 10 26 | 08 10 | 1635 84 | 1604 086 | 522 724 | 6 23 | 12 0 |
| 88 10 26 | 10 10 | 1635 88 | 1604 246 | 522 776 | 6 16 | 12 0 |
| 88 10 26 | 12 10 | 1635 88 | 1604 410 | 522 829 | 5 84 | 13 0 |
| 88 10 26 | 14 10 | 1635 86 | 1604 568 | 522 881 | 6 11 | 12 0 |
| 88 10 26 | 16 10 | 1635 90 | 1604 726 | 522 932 | 5 93 | 12 0 |
| 88 10 26 | 18 10 | 1636 05 | 1604 893 | 522 986 | 6 02 | 12 0 |
| 88 10 26 | 20 10 | 1636 32 | 1605 054 | 523 039 | 6 17 | 12 0 |
| 88 10 26 | 22 10 | 1635 98 | 1605 212 | 523 090 | 6 10 | 12 0 |
| 88 10 27 | 00 10 | 1636 13 | 1605 371 | 523 142 | 6 14 | 12 0 |
| 88 10 27 | 02 10 | 1638 09 | 1605 534 | 523 195 | 6 22 | 23 0 |
| 88 10 27 | 04 10 | 1638 05 | 1605 629 | 523 226 | 6 27 | 12 0 |
| 88 10 27 | 06 10 | 1636 17 | 1605 854 | 523 300 | 6 25 | 12 0 |
| 88 10 27 | 08 10 | 1636 13 | 1606 014 | 523 352 | 6 21 | 12 0 |
| 88 10 27 | 10 10 | 1636 01 | 1606 174 | 523 404 | 6 24 | 12 0 |
| 88 10 27 | 12 10 | 1636 09 | 1606 334 | 523 456 | 5 85 | 13 0 |
| 88 10 27 | 14 10 | 1636 05 | 1606 497 | 523 509 | 6 13 | 12 0 |
| 88 10 27 | 15 50 | 1636 05 | 1606 637 | 523 555 | 5 81 | 12 0 |
| 88 10 28 | 10 05 | 1644 13 | 1606 637 | 523 555 | 6 07 | 12 0 |
| 88 10 28 | 12 05 | 1636 32 | 1606 800 | 523 608 | 6 12 | 12 0 |
| 88 10 28 | 14 05 | 1636 21 | 1606 946 | 523 655 | 6 07 | 12 0 |
| 88 10 28 | 16 05 | 1636 13 | 1607 104 | 523 707 | 5 83 | 12 0 |
| 88 10 28 | 16 50 | 1636 17 | 1607 167 | 523 728 | 5 83 | 12 0 |
| 88 10 28 | 17 20 | 1643 84 | 1607 167 | 523 728 | 5 95 | 12 0 |
| 88 10 28 | 19 20 | 1636 03 | 1607 319 | 523 777 | 5 94 | 12 0 |
| 88 10 28 | 21 20 | 1636 09 | 1607 475 | 523 828 | 5 83 | 12 0 |
| 88 10 28 | 23 20 | 1636 13 | 1607 628 | 523 878 | 6 02 | 12 0 |
| 88 10 29 | 01 20 | 1636 05 | 1607 728 | 523 910 | 6 11 | 12 0 |
| 88 10 29 | 03 20 | 1636 09 | 1607 938 | 523 979 | 6 09 | 12 0 |
| 88 10 29 | 05 20 | 1638 13 | 1608 093 | 524 029 | 6 13 | 12 0 |
| 88 10 29 | 07 20 | 1636 11 | 1608 148 | 524 047 | 6 14 | 12 0 |
| 88 10 29 | 09 20 | 1636 09 | 1608 404 | 524 131 | 6 03 | 12 0 |
| 88 10 29 | 11 20 | 1636 05 | 1608 558 | 524 181 | 6 11 | 12 0 |
| 88 10 29 | 13 20 | 1636 13 | 1608 714 | 524 232 | 6 07 | 12 0 |
| 88 10 29 | 15 20 | 1636 17 | 1608 870 | 524 282 | 6 12 | 12 0 |
| 88 10 29 | 17 20 | 1636 03 | 1609 024 | 524 333 | 6 13 | 12 0 |
| 88 10 29 | 19 20 | 1636 05 | 1609 180 | 524 383 | 6 09 | 12 0 |
| 88 10 29 | 20 24 | 1643 09 | 1609 260 | 524 410 | 6 11 | 12 0 |
| 88 10 29 | 22 20 | | 1609 260 | 524 410 | | |
| 88 10 30 | 00 20 | 1636 05 | 1609 409 | 524 458 | 6 02 | 12 0 |
| 88 10 30 | 03 20 | 1636 11 | 1609 569 | 524 510 | 6 13 | 12 0 |
| 88 11 12 | 04 20 | 1636 13 | 1609 643 | 524 534 | 6 17 | 12 0 |
| 88 11 12 | 14 50 | 1645 40 | 1609 655 | 524 538 | 6 17 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 11 12 | 16 50 | 1635 80 | 1609 777 | 524 578 | 6 85 | 10 0 |
| 88 11 12 | 18 50 | 1635 53 | 1609 896 | 524 617 | 6 33 | 10 0 |
| 88 11 12 | 20 50 | 1636 32 | 1610 018 | 524 657 | 6 19 | 10 0 |
| 88 11 12 | 22 50 | 1635 48 | 1610 138 | 524 696 | 6 18 | 10 0 |
| 88 11 13 | 00 50 | 1628 55 | 1610 327 | 524 757 | 6 11 | 11 0 |
| 88 11 13 | 02 50 | 1628 30 | 1610 527 | 524 822 | 6 18 | 11 0 |
| 88 11 13 | 04 50 | 1621 30 | 1610 798 | 524 911 | 6 22 | 11 0 |
| 88 11 13 | 06 50 | | 1611 182 | 525 036 | 6 24 | 11 0 |
| 88 11 13 | 08 50 | 1609 63 | 1611 538 | 525 152 | 6 35 | 10 0 |
| 88 11 13 | 10 50 | 1609 59 | 1611 914 | 525 274 | 6 68 | 10 0 |
| 88 11 13 | 12 30 | 1629 71 | 1612 180 | 525 361 | 6 53 | 10 0 |
| 88 11 13 | 14 30 | 1624 05 | 1612 401 | 525 433 | 6 70 | 10 0 |
| 88 11 13 | 16 30 | 1623 82 | 1612 634 | 525 509 | 6 52 | 10 0 |
| 88 11 13 | 18 30 | 1623 96 | 1612 868 | 525 585 | 6 45 | 9 0 |
| 88 11 13 | 20 30 | 1626 96 | 1613 083 | 525 655 | 6 75 | 9 0 |
| 88 11 13 | 22 30 | 1626 67 | 1613 285 | 525 721 | 6 46 | 10 0 |
| 88 11 14 | 00 30 | 1626 82 | 1613 489 | 525 788 | 6 38 | 9 0 |
| 88 11 14 | 02 30 | 1626 88 | 1613 692 | 525 854 | 6 45 | 9 0 |
| 88 11 14 | 04 30 | 1626 92 | 1613 895 | 525 920 | 5 78 | 10 0 |
| 88 11 14 | 06 30 | 1626 69 | 1614 099 | 525 986 | 6 13 | 10 0 |
| 88 11 14 | 08 30 | 1618 13 | 1614 370 | 526 075 | 6 76 | 8 7 |
| 88 11 14 | 10 30 | 1618 17 | 1614 665 | 526 171 | 6 87 | 10 0 |
| 88 11 14 | 12 30 | 1618 01 | 1614 950 | 526 264 | 6 83 | 10 0 |
| 88 11 14 | 14 30 | 1618 30 | 1615 241 | 526 359 | 6 85 | 10 0 |
| 88 11 14 | 16 30 | 1618 23 | 1615 527 | 526 452 | 6 37 | 10 0 |
| 88 11 14 | 19 00 | 1618 34 | 1615 874 | 526 565 | 6 36 | 11 0 |
| 88 11 14 | 21 00 | 1618 38 | 1616 165 | 526 660 | 6 37 | 10 0 |
| 88 11 14 | 22 30 | 1618 15 | 1616 377 | 526 729 | 6 67 | 9 0 |
| 88 11 15 | 00 30 | 1626 65 | 1616 627 | 526 810 | 6 21 | 10 0 |
| 88 11 15 | 02 30 | 1626 88 | 1616 826 | 526 875 | 6 34 | 10 0 |
| 88 11 15 | 04 30 | 1618 30 | 1617 049 | 526 948 | 6 40 | 11 0 |
| 88 11 15 | 06 30 | 1622 80 | 1617 317 | 527 035 | 6 37 | 11 0 |
| 88 11 15 | 08 30 | 1622 71 | 1617 548 | 527 110 | 6 98 | 12 0 |
| 88 11 15 | 10 30 | 1621 26 | 1617 818 | 527 198 | 6 99 | 13 8 |
| 88 11 15 | 12 30 | 1621 38 | 1618 078 | 527 283 | 6 97 | 10 8 |
| 88 11 15 | 14 30 | 1621 38 | 1618 327 | 527 364 | 6 86 | 10 0 |
| 88 11 15 | 16 05 | 1621 13 | 1618 527 | 527 429 | 5 36 | 9 0 |
| 88 11 16 | 11 00 | 1645 13 | 1618 560 | 527 440 | 6 66 | 10 0 |
| 88 11 16 | 21 45 | | 1618 738 | 527 498 | | |
| 88 11 17 | 02 50 | 1645 34 | 1618 738 | 527 498 | 6 30 | 10 0 |
| 88 11 17 | 05 30 | 1610 63 | 1619 236 | 527 660 | 6 37 | 10 0 |
| 88 11 17 | 07 30 | 1620 80 | 1619 518 | 527 752 | 6 28 | 14 5 |
| 88 11 17 | 09 30 | 1627 38 | 1619 797 | 527 843 | 6 46 | 11 7 |
| 88 11 17 | 11 50 | 1630 46 | 1620 003 | 527 910 | 6 66 | 16 7 |
| 88 11 17 | 13 50 | 1628 96 | 1620 190 | 527 971 | 6 52 | 11 0 |
| 88 11 17 | 15 50 | 1623 92 | 1620 424 | 528 048 | 6 45 | 10 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 11 17 | 17 50 | 1626 94 | 1620 643 | 528 119 | 6 54 | 10 0 |
| 88 11 17 | 19 50 | 1627 01 | 1620 853 | 528 187 | 6 62 | 11 0 |
| 88 11 17 | 21 50 | 1626 88 | 1621 060 | 528 255 | 6 56 | 11 0 |
| 88 11 17 | 23 50 | 1626 96 | 1621 267 | 528 322 | 6 34 | 10 0 |
| 88 11 18 | 01 50 | 1626 80 | 1621 476 | 528 390 | 6 38 | 10 0 |
| 88 11 18 | 03 50 | 1626 78 | 1621 681 | 528 457 | 6 10 | 10 0 |
| 88 11 18 | 05 50 | 1626 98 | 1621 890 | 528 525 | 6 27 | 10 0 |
| 88 11 18 | 07 50 | 1624 71 | 1622 099 | 528 593 | 6 65 | 10 2 |
| 88 11 18 | 09 50 | 1625 67 | 1622 328 | 528 668 | 6 64 | 10 7 |
| 88 11 18 | 11 50 | 1625 92 | 1622 538 | 528 736 | 6 63 | 10 1 |
| 88 11 18 | 13 50 | 1626 13 | 1622 758 | 528 808 | 6 68 | 10 3 |
| 88 11 18 | 15 50 | 1626 17 | 1622 970 | 528 877 | 6 68 | 10 3 |
| 88 11 18 | 17 50 | 1626 32 | 1623 188 | 528 948 | 6 65 | 10 2 |
| 88 11 18 | 19 50 | 1626 13 | 1623 407 | 529 020 | 6 65 | 10 0 |
| 88 11 18 | 21 50 | 1625 96 | 1623 625 | 529 091 | 6 68 | 10 0 |
| 88 11 18 | 23 50 | 1625 96 | 1623 849 | 529 164 | 6 11 | 9 0 |
| 88 11 19 | 01 50 | 1626 05 | 1624 065 | 529 234 | 6 23 | 9 0 |
| 88 11 19 | 03 50 | 1625 92 | 1624 283 | 529 305 | 6 38 | 9 0 |
| 88 11 19 | 05 50 | 1625 88 | 1624 502 | 529 376 | 6 35 | 9 0 |
| 88 11 19 | 07 50 | 1625 92 | 1624 723 | 529 448 | 6 64 | 9 0 |
| 88 11 19 | 09 50 | 1625 88 | 1624 938 | 529 519 | 6 65 | 9 0 |
| 88 11 19 | 11 50 | 1625 92 | 1625 156 | 529 590 | 6 63 | 9 0 |
| 88 11 19 | 13 50 | 1625 96 | 1625 375 | 529 661 | 6 65 | 9 0 |
| 88 11 19 | 15 50 | 1625 94 | 1625 589 | 529 731 | 6 72 | 9 0 |
| 88 11 19 | 17 50 | 1625 92 | | | 6 67 | 9 0 |
| 88 11 19 | 19 50 | 1625 88 | 1626 023 | 529 872 | 6 69 | 9 0 |
| 88 11 19 | 21 50 | 1625 92 | 1626 243 | 529 944 | 6 64 | 9 0 |
| 88 11 19 | 23 50 | 1625 76 | 1626 463 | 530 015 | 6 65 | 9 0 |
| 88 11 20 | 01 50 | 1625 96 | 1626 683 | 530 087 | 6 61 | 9 0 |
| 88 11 20 | 03 50 | 1625 88 | 1626 901 | 530 158 | 6 59 | 9 0 |
| 88 11 20 | 05 50 | 1625 88 | 1627 128 | 530 232 | 6 65 | 9 0 |
| 88 11 20 | 07 50 | 1625 96 | 1627 340 | 530 301 | 6 65 | 10 5 |
| 88 11 20 | 09 50 | 1626 01 | 1627 555 | 530 371 | 6 58 | 10 5 |
| 88 11 20 | 11 50 | 1625 80 | 1627 775 | 530 443 | 6 58 | 10 0 |
| 88 11 20 | 13 50 | 1625 92 | 1627 993 | 530 514 | 6 72 | 10 0 |
| 88 11 20 | 15 50 | 1626 05 | 1628 245 | 530 596 | 6 19 | 11 0 |
| 88 11 20 | 17 50 | 1626 05 | 1628 431 | 530 657 | 6 65 | 10 0 |
| 88 11 20 | 19 50 | 1625 96 | 1628 646 | 530 727 | 6 71 | 10 0 |
| 88 11 20 | 21 50 | 1626 05 | 1628 866 | 530 799 | 6 41 | 10 0 |
| 88 11 20 | 23 50 | 1625 88 | 1629 083 | 530 869 | 6 48 | 10 0 |
| 88 11 21 | 01 50 | 1625 98 | 1629 301 | 530 940 | 6 11 | 10 0 |
| 88 11 21 | 03 50 | 1626 09 | 1629 518 | 531 011 | 5 72 | 10 0 |
| 88 11 21 | 05 50 | 1626 17 | 1629 737 | 531 082 | 6 13 | 10 0 |
| 88 11 21 | 07 50 | 1625 92 | 1629 952 | 531 152 | 6 29 | 10 4 |
| 88 11 21 | 10 30 | 1626 07 | 1630 242 | 531 247 | 6 55 | 10 2 |
| 88 11 21 | 12 30 | 1626 13 | 1630 459 | 531 318 | 6 61 | 10 4 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 11 21 | 14 30 | 1626 21 | 1630 675 | 531 388 | 6 70 | 10 0 |
| 88 11 21 | 16 30 | 1626 28 | 1630 894 | 531 459 | 6 27 | 11 0 |
| 88 11 21 | 18 30 | 1626 21 | 1631 109 | 531 529 | 6 42 | 11 0 |
| 88 11 21 | 20 30 | 1626 21 | 1631 325 | 531 600 | 6 44 | 11 0 |
| 88 11 21 | 22 30 | 1626 19 | 1631 542 | 531 671 | 6 39 | 8 0 |
| 88 11 22 | 00 30 | 1626 30 | 1631 760 | 531 742 | 6 43 | 10 0 |
| 88 11 22 | 02 30 | 1626 34 | 1631 978 | 531 813 | 5 95 | 10 0 |
| 88 11 22 | 04 30 | 1626 38 | 1632 195 | 531 883 | 6 18 | 10 0 |
| 88 11 22 | 06 30 | 1626 36 | 1632 411 | 531 954 | 6 25 | 10 0 |
| 88 11 22 | 08 30 | 1626 34 | 1632 629 | 532 025 | 6 02 | 10 0 |
| 88 11 22 | 10 30 | 1626 38 | 1632 844 | 532 095 | 6 07 | 10 4 |
| 88 11 22 | 12 30 | 1625 01 | 1633 073 | 532 169 | 6 10 | 10 0 |
| 88 11 22 | 14 30 | 1626 96 | 1633 298 | 532 243 | 6 15 | 10 0 |
| 88 11 22 | 16 30 | 1627 05 | 1633 506 | 532 311 | 6 18 | 10 0 |
| 88 11 22 | 18 30 | 1627 09 | 1633 721 | 532 381 | 6 15 | 10 0 |
| 88 11 22 | 20 30 | 1627 17 | 1633 929 | 532 448 | 6 13 | 10 0 |
| 88 11 22 | 22 30 | 1627 21 | 1634 141 | 532 518 | 6 12 | 10 0 |
| 88 11 23 | 00 30 | 1627 19 | 1634 363 | 532 590 | 6 20 | 10 0 |
| 88 11 23 | 02 30 | 1627 21 | 1634 568 | 532 657 | 6 24 | 10 0 |
| 88 11 23 | 04 30 | 1627 30 | 1634 772 | 532 723 | 6 23 | 11 0 |
| 88 11 23 | 06 30 | 1627 34 | 1634 982 | 532 792 | 6 28 | 10 0 |
| 88 11 23 | 08 30 | 1626 96 | 1635 203 | 532 864 | 5 92 | 11 0 |
| 88 11 23 | 10 30 | 1627 09 | 1635 409 | 532 931 | 6 23 | 11 0 |
| 88 11 23 | 12 30 | 1627 05 | 1635 631 | 533 003 | 6 26 | 10 9 |
| 88 11 23 | 14 30 | 1627 13 | 1635 846 | 533 073 | 6 26 | 10 9 |
| 88 11 23 | 16 30 | 1627 13 | 1636 072 | 533 147 | 6 23 | 11 0 |
| 88 11 23 | 18 30 | 1627 17 | 1636 281 | 533 215 | 6 22 | 10 0 |
| 88 11 23 | 20 30 | 1627 23 | 1636 495 | 533 285 | 6 20 | 11 0 |
| 88 11 23 | 21 30 | 1627 34 | 1636 609 | 533 322 | 6 20 | 11 0 |
| 88 11 28 | 04 15 | 1645 88 | 1636 610 | 533 322 | 5 85 | 8 0 |
| 88 11 28 | 06 15 | 1629 98 | 1636 810 | 533 387 | 6 14 | 8 0 |
| 88 11 28 | 08 15 | 1629 88 | 1636 993 | 533 447 | 6 07 | 11 0 |
| 88 11 28 | 10 15 | 1629 69 | 1637 175 | 533 506 | 6 11 | 11 0 |
| 88 11 28 | 12 15 | 1629 63 | 1637 358 | 533 566 | 6 23 | 11 0 |
| 88 11 28 | 14 15 | 1629 65 | 1637 563 | 533 633 | 6 17 | 11 0 |
| 88 11 28 | 16 15 | 1629 73 | 1637 759 | 533 697 | 6 38 | 11 0 |
| 88 11 28 | 18 15 | 1629 59 | 1637 947 | 533 758 | 6 33 | 11 0 |
| 88 11 28 | 20 15 | 1629 63 | 1638 135 | 533 819 | 6 20 | 10 0 |
| 88 11 28 | 22 15 | 1629 67 | 1638 323 | 533 880 | 6 24 | 11 0 |
| 88 11 29 | 00 15 | 1629 51 | 1638 511 | 533 942 | 6 14 | 11 0 |
| 88 11 29 | 02 15 | 1629 55 | 1638 703 | 534 004 | 6 24 | 10 0 |
| 88 11 29 | 04 15 | 1629 42 | 1638 880 | 534 062 | 6 29 | 10 0 |
| 88 11 29 | 06 15 | 1629 51 | 1639 070 | 534 124 | 6 22 | 10 0 |
| 88 11 29 | 08 15 | 1629 46 | 1639 265 | 534 187 | 6 65 | 10 0 |
| 88 11 29 | 10 15 | 1629 38 | 1639 453 | 534 249 | 6 66 | 10 0 |
| 88 11 29 | 12 30 | 1629 55 | 1639 666 | 534 318 | 6 69 | 10 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 11 29 | 14 30 | 1629 34 | 1639 855 | 534 380 | 6 67 | 10 0 |
| 88 11 29 | 16 30 | 1629 51 | 1640 048 | 534 442 | 6 40 | 10 0 |
| 88 11 29 | 18 30 | 1630 34 | 1640 236 | 534 504 | 6 32 | 10 0 |
| 88 11 29 | 20 30 | 1629 44 | 1640 427 | 534 566 | 6 44 | 10 0 |
| 88 11 29 | 22 30 | 1629 51 | 1640 617 | 534 628 | 6 46 | 10 0 |
| 88 11 30 | 00 30 | 1629 30 | 1640 810 | 534 691 | 6 21 | 10 0 |
| 88 11 30 | 02 30 | 1629 53 | 1640 998 | 534 752 | 6 33 | 10 0 |
| 88 11 30 | 04 30 | 1629 59 | 1641 177 | 534 810 | 6 27 | 10 0 |
| 88 11 30 | 06 30 | 1629 55 | 1641 368 | 534 873 | 6 30 | 10 0 |
| 88 11 30 | 08 30 | 1629 63 | 1641 564 | 534 936 | 6 22 | 10 0 |
| 88 11 30 | 10 30 | 1628 88 | 1641 757 | 534 999 | 6 31 | 10 0 |
| 88 11 30 | 12 30 | 1629 01 | 1641 954 | 535 064 | 6 21 | 10 0 |
| 88 11 30 | 14 30 | 1628 88 | 1642 151 | 535 128 | 6 15 | 10 0 |
| 88 11 30 | 16 30 | 1629 03 | 1642 343 | 535 190 | 6 14 | 10 0 |
| 88 11 30 | 18 30 | 1628 98 | 1642 541 | 535 255 | 6 43 | 10 0 |
| 88 11 30 | 20 30 | 1628 96 | 1642 739 | 535 319 | 6 76 | 11 0 |
| 88 11 30 | 22 30 | 1629 09 | 1642 938 | 535 384 | 6 76 | 11 0 |
| 88 12 01 | 00 30 | 1628 96 | 1643 136 | 535 449 | 6 21 | 10 0 |
| 88 12 01 | 02 30 | 1629 11 | 1643 324 | 535 510 | 6 34 | 10 0 |
| 88 12 01 | 04 30 | 1629 05 | 1643 526 | 535 576 | 6 31 | 10 0 |
| 88 12 01 | 06 30 | 1629 13 | 1643 722 | 535 640 | 6 35 | 10 0 |
| 88 12 01 | 08 30 | 1629 13 | 1643 920 | 535 704 | 6 76 | 10 0 |
| 88 12 01 | 10 30 | 1629 30 | 1644 119 | 535 769 | 6 80 | 10 0 |
| 88 12 01 | 12 30 | 1629 13 | 1644 318 | 535 834 | 6 86 | 10 0 |
| 88 12 01 | 14 30 | 1629 30 | 1644 511 | 535 897 | 6 89 | 10 0 |
| 88 12 01 | 16 30 | 1629 34 | 1644 707 | 535 961 | 6 29 | 10 0 |
| 88 12 01 | 18 30 | 1629 13 | 1644 905 | 536 025 | 6 28 | 10 0 |
| 88 12 01 | 20 30 | 1629 30 | 1645 101 | 536 089 | 6 26 | 10 0 |
| 88 12 01 | 22 30 | 1629 13 | 1645 297 | 536 153 | 6 26 | 10 0 |
| 88 12 02 | 00 30 | 1628 13 | 1645 496 | 536 218 | 6 34 | 9 0 |
| 88 12 02 | 02 30 | 1629 34 | 1645 692 | 536 282 | 6 10 | 9 0 |
| 88 12 02 | 04 30 | 1629 38 | 1645 887 | 536 345 | 6 18 | 9 0 |
| 88 12 02 | 06 30 | 1629 38 | 1646 086 | 536 410 | 6 28 | 9 0 |
| 88 12 02 | 08 30 | 1629 38 | 1646 276 | 536 472 | 6 17 | 10 0 |
| 88 12 02 | 10 30 | 1629 46 | 1646 473 | 536 536 | 6 21 | 10 0 |
| 88 12 02 | 12 30 | 1629 42 | 1646 673 | 536 601 | 6 30 | 10 0 |
| 88 12 02 | 14 30 | 1629 46 | 1646 869 | 536 665 | 6 24 | 10 0 |
| 88 12 02 | 16 30 | 1629 57 | 1647 066 | 536 729 | 6 85 | 10 0 |
| 88 12 02 | 18 30 | 1629 51 | 1647 263 | 536 794 | 6 44 | 10 0 |
| 88 12 02 | 20 30 | 1629 40 | 1647 465 | 536 859 | 6 46 | 10 0 |
| 88 12 02 | 22 30 | 1629 53 | 1647 662 | 536 924 | 6 41 | 10 0 |
| 88 12 03 | 00 30 | 1629 53 | 1647 861 | 536 988 | 6 33 | 10 0 |
| 88 12 03 | 02 30 | 1629 51 | 1648 054 | 537 051 | 6 28 | 10 0 |
| 88 12 03 | 04 30 | 1629 51 | 1648 253 | 537 116 | 6 31 | 10 0 |
| 88 12 03 | 06 30 | 1629 46 | 1648 449 | 537 180 | 6 34 | 10 0 |
| 88 12 03 | 08 30 | 1629 38 | 1648 641 | 537 243 | 6 26 | 10 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 12 03 | 10 30 | 1629 46 | 1648 838 | 537 307 | 6 29 | 10 0 |
| 88 12 03 | 12 30 | 1629 55 | 1649 033 | 537 370 | 6 27 | 10 0 |
| 88 12 03 | 14 30 | 1629 46 | 1649 234 | 537 436 | 6 30 | 10 0 |
| 88 12 03 | 16 30 | 1630 36 | 1649 435 | 537 501 | 6 26 | 10 0 |
| 88 12 03 | 18 30 | 1629 42 | 1649 631 | 537 565 | 6 29 | 10 0 |
| 88 12 03 | 20 30 | 1629 55 | 1649 818 | 537 626 | | 10 0 |
| 88 12 03 | 22 30 | 1629 42 | 1650 023 | 537 693 | 6 25 | 10 0 |
| 88 12 04 | 00 30 | 1629 38 | 1650 228 | 537 760 | 6 14 | 10 0 |
| 88 12 04 | 02 30 | 1629 44 | 1650 427 | 537 825 | 6 24 | 10 0 |
| 88 12 04 | 04 30 | 1629 36 | 1650 624 | 537 889 | 6 32 | 10 0 |
| 88 12 04 | 06 30 | 1629 42 | 1650 820 | 537 953 | 6 33 | 10 0 |
| 88 12 04 | 08 30 | 1629 55 | 1651 004 | 538 013 | 6 58 | 10 0 |
| 88 12 04 | 10 30 | 1629 51 | 1651 200 | 538 077 | 6 30 | 10 0 |
| 88 12 04 | 12 30 | 1629 63 | 1651 398 | 538 141 | 6 52 | 10 0 |
| 88 12 04 | 14 30 | 1629 67 | 1651 591 | 538 204 | 6 54 | 10 0 |
| 88 12 04 | 16 30 | 1629 71 | 1651 807 | 538 274 | 6 54 | 10 0 |
| 88 12 04 | 18 30 | 1629 71 | 1652 000 | 538 337 | 6 27 | 10 0 |
| 88 12 04 | 20 30 | 1629 69 | 1652 193 | 538 400 | 6 26 | 10 0 |
| 88 12 04 | 22 30 | 1629 71 | 1652 387 | 538 463 | 6 25 | 10 0 |
| 88 12 05 | 00 30 | 1629 76 | 1652 581 | 538 527 | 6 20 | 10 0 |
| 88 12 05 | 02 30 | 1629 71 | 1652 772 | 538 589 | 6 32 | 10 0 |
| 88 12 05 | 04 30 | 1629 67 | 1653 003 | 538 664 | 6 22 | 10 0 |
| 88 12 05 | 06 30 | 1629 80 | 1653 170 | 538 719 | 6 25 | 10 0 |
| 88 12 05 | 08 30 | 1629 76 | 1653 360 | 538 780 | 6 32 | 10 0 |
| 88 12 05 | 10 30 | 1629 67 | 1653 555 | 538 844 | 6 27 | 10 0 |
| 88 12 05 | 12 30 | 1629 71 | 1653 751 | 538 908 | 6 24 | 10 0 |
| 88 12 05 | 14 30 | 1629 71 | 1653 945 | 538 971 | 6 34 | 10 0 |
| 88 12 05 | 16 30 | 1629 92 | 1654 149 | 539 038 | 6 34 | 10 0 |
| 88 12 05 | 18 30 | 1629 84 | 1654 342 | 539 100 | 6 33 | 10 0 |
| 88 12 05 | 20 30 | 1629 71 | 1654 540 | 539 165 | 6 34 | 10 0 |
| 88 12 05 | 22 30 | 1629 88 | 1654 736 | 539 229 | 6 33 | 10 0 |
| 88 12 06 | 00 30 | 1629 84 | 1654 929 | 539 292 | 6 34 | 10 0 |
| 88 12 06 | 02 30 | 1629 71 | 1655 120 | 539 354 | 6 07 | 11 0 |
| 88 12 06 | 04 30 | 1629 76 | 1655 320 | 539 419 | 6 22 | 10 0 |
| 88 12 06 | 06 30 | 1629 76 | 1655 517 | 539 483 | 6 16 | 10 0 |
| 88 12 06 | 08 30 | 1629 80 | 1655 706 | 539 545 | 6 20 | 11 0 |
| 88 12 08 | 11 00 | 1645 76 | 1655 711 | 539 547 | 6 10 | 10 0 |
| 88 12 08 | 13 15 | 1628 13 | 1655 942 | 539 622 | 6 33 | 10 0 |
| 88 12 08 | 15 15 | 1627 88 | 1656 152 | 539 690 | 6 39 | 12 0 |
| 88 12 08 | 17 30 | 1631 80 | 1656 365 | 539 760 | 6 23 | 12 0 |
| 88 12 08 | 19 30 | 1631 76 | 1656 527 | 539 812 | 6 18 | 12 0 |
| 88 12 08 | 21 30 | 1631 80 | 1656 699 | 539 869 | 6 19 | 12 0 |
| 88 12 08 | 23 30 | 1631 80 | 1656 870 | 539 924 | 6 23 | 11 0 |
| 88 12 09 | 01 30 | 1631 88 | 1657 040 | 539 980 | 6 22 | 11 0 |
| 88 12 09 | 03 30 | 1629 92 | 1657 227 | 540 041 | 6 21 | 11 0 |
| 88 12 09 | 05 30 | 1629 46 | 1657 426 | 540 105 | 6 24 | 11 0 |

# Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 12 09 | 07 30 | 1629 53 | 1657 618 | 540 168 | 6 25 | 11 0 |
| 88 12 09 | 09 30 | 1629 55 | 1657 813 | 540 232 | 6 23 | 11 0 |
| 88 12 09 | 11 30 | 1629 38 | 1658 013 | 540 297 | 6 27 | 11 0 |
| 88 12 09 | 13 30 | 1629 38 | 1658 208 | 540 360 | 6 31 | 11 0 |
| 88 12 09 | 15 05 | 1629 55 | 1658 376 | 540 415 | 6 31 | 11 0 |
| 88 12 10 | 08 10 | 1645 63 | 1658 376 | 540 415 | 4 76 | 11 0 |
| 88 12 10 | 10 10 | 1629 71 | 1658 538 | 540 468 | 7 02 | 11 0 |
| 88 12 10 | 12 05 | | 1658 737 | 540 533 | | |
| 88 12 12 | 19 40 | 1646 21 | 1658 737 | 540 533 | 5 94 | 11 0 |
| 88 12 12 | 21 40 | 1629 98 | 1658 956 | 540 604 | 6 13 | 11 0 |
| 88 12 12 | 23 40 | 1629 94 | 1659 154 | 540 669 | 5 95 | 11 0 |
| 88 12 13 | 03 40 | 1629 71 | 1659 523 | 540 789 | 6 21 | 11 0 |
| 88 12 13 | 05 40 | 1629 73 | 1659 751 | 540 863 | 6 28 | 11 0 |
| 88 12 13 | 07 30 | 1629 71 | 1659 939 | 540 924 | 5 73 | 12 0 |
| 88 12 13 | 08 00 | 1629 67 | 1659 154 | 540 669 | 6 15 | 11 0 |
| 88 12 13 | 09 30 | 1629 63 | 1660 137 | 540 989 | 5 95 | 12 0 |
| 88 12 13 | 11 30 | 1629 67 | 1660 341 | 541 055 | 6 22 | 12 0 |
| 88 12 13 | 13 30 | 1629 71 | 1660 536 | 541 119 | 6 34 | 12 0 |
| 88 12 13 | 15 30 | 1588 30 | 1660 724 | 541 180 | 6 39 | 12 0 |
| 88 12 13 | 17 30 | 1629 76 | 1660 924 | 541 245 | 6 34 | 12 0 |
| 88 12 13 | 19 30 | 1629 88 | 1661 120 | 541 309 | 6 32 | 12 0 |
| 88 12 13 | 21 30 | 1629 73 | 1661 318 | 541 374 | 6 32 | 12 0 |
| 88 12 13 | 23 30 | 1629 78 | 1661 525 | 541 441 | 6 31 | 12 0 |
| 88 12 14 | 01 30 | 1629 71 | 1661 723 | 541 506 | 6 14 | 12 0 |
| 88 12 14 | 03 30 | 1629 80 | 1661 914 | 541 568 | 6 21 | 11 0 |
| 88 12 14 | 05 30 | 1629 76 | 1662 113 | 541 633 | 6 17 | 11 0 |
| 88 12 14 | 07 30 | 1629 55 | 1662 317 | 541 699 | 6 35 | 11 0 |
| 88 12 14 | 09 20 | 1629 80 | 1662 495 | 541 757 | 6 45 | 11 0 |
| 88 12 14 | 09 40 | 1629 88 | 1662 495 | 541 757 | 6 57 | 11 0 |
| 88 12 14 | 11 40 | 1628 88 | 1662 703 | 541 825 | 6 57 | 11 0 |
| 88 12 14 | 13 40 | 1628 59 | 1662 915 | 541 894 | 6 53 | 11 0 |
| 88 12 14 | 13 45 | | 1662 920 | 541 896 | 6 52 | 11 0 |
| 88 12 14 | 21 50 | 1645 78 | 1662 920 | 541 896 | 6 18 | 10 0 |
| 88 12 14 | 23 50 | 1629 21 | 1663 135 | 541 966 | 6 22 | 11 0 |
| 88 12 15 | 01 50 | 1628 80 | 1663 555 | 542 103 | 6 31 | 11 0 |
| 88 12 15 | 03 50 | 1628 88 | 1663 555 | 542 103 | 6 26 | 11 0 |
| 88 12 15 | 05 50 | 1628 84 | 1663 766 | 542 171 | 6 30 | 11 0 |
| 88 12 15 | 07 45 | 1628 80 | 1663 973 | 542 239 | 6 54 | 11 0 |
| 88 12 15 | 09 45 | 1628 76 | 1664 188 | 542 309 | 6 49 | 11 0 |
| 88 12 15 | 11 45 | 1628 80 | 1664 399 | 542 378 | 6 21 | 11 0 |
| 88 12 15 | 13 45 | 1636 71 | 1664 561 | 542 430 | 6 45 | 11 0 |
| 88 12 16 | 08 30 | 1645 71 | 1664 598 | 542 443 | 5 93 | 10 0 |
| 88 12 16 | 10 30 | 1637 05 | 1664 727 | 542 485 | 6 10 | 10 0 |
| 88 12 16 | 12 30 | 1637 13 | 1664 850 | 542 525 | 2 27 | 10 0 |
| 88 12 19 | 10 00 | 1632 01 | 1664 850 | 542 525 | 5 94 | 42 8 |
| 88 12 19 | 12 00 | 1631 96 | 1665 062 | 542 594 | 6 10 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 88 12 19 | 14 00 | 1631 71 | 1665 255 | 542 657 | 6 21 | 11 0 |
| 88 12 19 | 16 00 | 1631 53 | 1665 443 | 542 718 | 6 20 | 11 0 |
| 88 12 19 | 18 00 | 1631 38 | 1665 634 | 542 780 | 6 22 | 12 0 |
| 88 12 19 | 18 50 | 1631 46 | 1665 719 | 542 808 | 6 32 | 12 0 |
| 88 12 21 | 04 48 | 1630 76 | 1666 456 | 543 048 | 6 20 | 12 0 |
| 88 12 21 | 08 10 | 1646 46 | 1665 719 | 542 808 | 6 10 | 10 0 |
| 88 12 21 | 10 10 | 1629 71 | 1665 949 | 542 883 | 6 52 | 10 0 |
| 88 12 21 | 12 00 | 1629 55 | 1666 145 | 542 947 | 6 51 | 10 0 |
| 88 12 21 | 14 00 | 1630 80 | 1666 325 | 543 005 | 6 19 | 11 0 |
| 88 12 28 | 03 30 | 1646 55 | 1666 456 | 543 048 | 6 08 | 10 0 |
| 88 12 28 | 05 30 | 1630 88 | 1666 705 | 543 129 | 6 33 | 10 0 |
| 88 12 28 | 06 27 | | 1666 804 | 543 161 | | |
| 88 12 28 | 07 10 | | 1666 804 | 543 161 | | |
| 88 12 28 | 08 05 | 1647 46 | 1666 804 | 543 161 | 6 78 | 11 0 |
| 88 12 28 | 10 05 | 1630 88 | 1667 003 | 543 226 | 6 33 | 11 0 |
| 88 12 28 | 11 50 | 1630 80 | 1667 170 | 543 281 | 6 16 | 11 0 |
| 88 12 28 | 13 50 | 1630 71 | 1667 368 | 543 345 | 6 23 | 11 0 |
| 88 12 28 | 15 50 | 1630 51 | 1667 564 | 543 409 | 6 48 | 12 0 |
| 88 12 28 | 17 50 | 1630 55 | 1667 755 | 543 471 | 6 24 | 11 0 |
| 88 12 28 | 19 50 | 1632 96 | 1667 930 | 543 528 | 6 23 | 11 0 |
| 88 12 28 | 21 50 | 1632 88 | 1668 093 | 543 581 | 6 24 | 11 0 |
| 88 12 28 | 23 50 | 1636 46 | 1668 248 | 543 632 | 6 27 | 10 0 |
| 88 12 29 | 01 50 | 1636 63 | 1668 364 | 543 670 | 6 33 | 10 0 |
| 88 12 29 | 03 50 | 1636 78 | 1668 489 | 543 711 | 6 30 | 10 0 |
| 88 12 29 | 05 50 | 1636 80 | 1668 602 | 543 747 | 6 32 | 10 0 |
| 88 12 29 | 07 30 | 1636 88 | 1668 698 | 543 779 | 6 33 | 11 4 |
| 88 12 29 | 09 30 | 1636 88 | 1668 816 | 543 817 | 6 43 | 11 0 |
| 88 12 29 | 11 30 | 1630 80 | 1668 966 | 543 866 | 6 32 | 11 0 |
| 88 12 29 | 13 30 | 1630 76 | 1669 168 | 543 932 | 6 43 | 11 0 |
| 88 12 29 | 15 30 | 1630 71 | 1669 359 | 543 994 | 6 08 | 12 0 |
| 88 12 29 | 17 30 | 1630 96 | 1669 555 | 544 058 | 6 21 | 11 0 |
| 88 12 29 | 19 30 | 1630 71 | 1669 755 | 544 123 | 6 28 | 11 0 |
| 88 12 29 | 21 30 | 1630 65 | 1669 952 | 544 187 | 6 29 | 11 0 |
| 88 12 29 | 23 30 | 1630 63 | 1670 149 | 544 251 | 6 28 | 10 0 |
| 88 12 30 | 01 30 | 1630 67 | 1670 347 | 544 316 | 6 26 | 10 0 |
| 88 12 30 | 03 30 | 1630 71 | 1670 353 | 544 318 | 6 30 | 10 0 |
| 88 12 30 | 05 30 | 1630 80 | 1670 752 | 544 448 | 6 29 | 10 0 |
| 88 12 30 | 07 30 | 1630 71 | 1670 949 | 544 512 | 6 43 | 11 0 |
| 88 12 30 | 09 30 | 1630 80 | 1671 146 | 544 576 | 6 32 | 11 0 |
| 88 12 30 | 11 30 | 1630 88 | 1671 343 | 544 641 | 6 30 | 11 0 |
| 88 12 30 | 13 30 | 1630 80 | 1671 541 | 544 705 | 6 23 | 11 0 |
| 88 12 30 | 15 30 | 1630 86 | 1671 741 | 544 770 | 6 25 | 11 0 |
| 88 12 30 | 17 30 | 1630 92 | 1671 940 | 544 835 | 6 18 | 11 0 |
| 88 12 30 | 19 30 | 1630 78 | 1672 141 | 544 901 | 6 22 | 11 0 |
| 88 12 30 | 21 30 | 1630 94 | 1672 337 | 544 964 | 6 16 | 11 0 |
| 89 01 02 | 23 31 | 1646 88 | 1672 337 | 544 964 | 6 08 | 10 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 01 03 | 01 31 | 1622 96 | 1672 670 | 545 073 | 6 21 | 10 0 |
| 89 01 03 | 03 30 | 1622 63 | 1672 993 | 545 178 | 6 22 | 10 0 |
| 89 01 03 | 05 30 | 1622 38 | 1673 318 | 545 284 | 6 18 | 10 0 |
| 89 01 03 | 07 30 | 1630 34 | 1673 607 | 545 378 | 6 46 | 11 0 |
| 89 01 03 | 09 30 | 1630 55 | 1673 813 | 545 445 | 5 85 | 11 0 |
| 89 01 03 | 11 30 | 1630 55 | 1674 016 | 545 512 | 5 90 | 11 0 |
| 89 01 03 | 11 33 | 1630 55 | 1674 224 | 545 579 | 6 42 | 11 0 |
| 89 01 03 | 15 30 | 1630 63 | 1674 433 | 545 647 | 6 05 | 11 0 |
| 89 01 03 | 17 30 | 1630 80 | 1674 638 | 545 714 | 6 14 | 11 0 |
| 89 01 03 | 19 30 | 1631 17 | 1674 848 | 545 783 | 6 05 | 11 0 |
| 89 01 03 | 21 30 | 1631 30 | 1675 051 | 545 849 | 6 07 | 11 0 |
| 89 01 03 | 23 30 | 1631 30 | 1675 270 | 545 920 | 6 21 | 11 0 |
| 89 01 04 | 01 30 | 1631 21 | 1675 478 | 545 988 | 6 23 | 11 0 |
| 89 01 04 | 03 30 | 1631 30 | 1675 678 | 546 053 | 6 21 | 11 0 |
| 89 01 04 | 05 30 | 1631 38 | 1675 885 | 546 121 | 6 22 | 11 0 |
| 89 01 04 | 07 30 | 1631 30 | 1676 096 | 546 189 | 6 41 | 11 0 |
| 89 01 04 | 09 30 | 1631 42 | 1676 305 | 546 258 | 6 59 | 11 0 |
| 89 01 04 | 11 30 | 1631 46 | 1676 515 | 546 326 | 6 54 | 11 0 |
| 89 01 04 | 13 30 | 1631 51 | 1676 716 | 546 391 | 6 51 | 11 0 |
| 89 01 04 | 15 30 | 1631 51 | 1676 925 | 546 460 | 6 28 | 11 0 |
| 89 01 04 | 17 30 | 1631 55 | 1677 130 | 546 526 | 6 40 | 11 0 |
| 89 01 04 | 19 30 | 1631 61 | 1677 336 | 546 593 | 6 26 | 11 0 |
| 89 01 04 | 21 30 | 1631 59 | 1677 546 | 546 662 | 6 24 | 11 0 |
| 89 01 04 | 23 30 | 1631 51 | 1677 754 | 546 730 | 6 32 | 11 0 |
| 89 01 05 | 01 30 | 1631 55 | 1677 962 | 546 797 | 6 33 | 11 0 |
| 89 01 05 | 03 30 | 1631 76 | 1678 168 | 546 865 | 6 25 | 11 0 |
| 89 01 05 | 05 30 | 1631 71 | 1678 374 | 546 932 | 6 30 | 11 0 |
| 89 01 05 | 07 30 | 1631 80 | 1678 584 | 547 000 | 6 22 | 11 0 |
| 89 01 05 | 09 30 | 1631 80 | 1678 790 | 547 067 | 5 65 | 11 0 |
| 89 01 05 | 11 30 | 1631 88 | 1678 999 | 547 135 | 5 81 | 11 0 |
| 89 01 05 | 13 30 | 1631 80 | 1679 207 | 547 203 | 6 02 | 11 0 |
| 89 01 05 | 15 30 | 1631 90 | 1679 416 | 547 271 | 6 06 | 11 0 |
| 89 01 05 | 17 30 | 1631 96 | 1679 620 | 547 338 | 6 53 | 11 0 |
| 89 01 05 | 19 30 | 1631 90 | 1679 828 | 547 406 | 6 29 | 11 0 |
| 89 01 05 | 21 30 | 1631 86 | 1680 037 | 547 474 | 6 24 | 11 0 |
| 89 01 05 | 23 30 | 1632 01 | 1680 247 | 547 542 | 6 18 | 11 0 |
| 89 01 06 | 01 30 | 1631 98 | 1680 447 | 547 607 | 6 28 | 11 0 |
| 89 01 06 | 03 30 | 1632 03 | 1680 646 | 547 672 | 6 26 | 11 0 |
| 89 01 06 | 05 30 | 1631 94 | 1680 866 | 547 744 | 6 16 | 11 0 |
| 89 01 06 | 07 30 | 1632 05 | 1681 073 | 547 811 | 5 47 | 11 0 |
| 89 01 06 | 09 30 | 1632 03 | 1681 277 | 547 878 | 6 03 | 11 0 |
| 89 01 06 | 11 30 | 1632 05 | 1681 486 | 547 946 | 6 23 | 11 0 |
| 89 01 06 | 13 30 | 1632 01 | 1681 693 | 548 013 | 6 29 | 11 0 |
| 89 01 06 | 15 10 | 1632 17 | 1681 833 | 548 059 | 6 43 | 15 0 |
| 89 01 09 | 17 45 | 1646 98 | 1681 869 | 548 071 | 5 83 | 11 0 |
| 89 01 09 | 19 45 | 1632 98 | 1682 060 | 548 133 | 6 04 | 11 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 01 09 | 21 45 | 1632 94 | 1682 266 | 548 200 | 6 08 | 11 0 |
| 89 01 09 | 23 45 | 1632 76 | 1682 464 | 548 265 | 6 11 | 11 0 |
| 89 01 10 | 01 45 | 1632 78 | 1682 665 | 548 330 | 6 21 | 11 0 |
| 89 01 10 | 03 45 | 1632 71 | 1682 862 | 548 394 | 6 27 | 11 0 |
| 89 01 10 | 05 45 | 1632 76 | 1683 062 | 548 459 | 6 23 | 11 0 |
| 89 01 10 | 07 45 | 1632 71 | 1683 265 | 548 526 | 6 56 | 11 0 |
| 89 01 10 | 09 45 | 1632 63 | 1683 465 | 548 591 | 6 31 | 11 0 |
| 89 01 10 | 11 45 | 1632 71 | 1683 666 | 548 656 | 6 60 | 11 0 |
| 89 01 10 | 13 45 | 1632 80 | 1683 866 | 548 721 | 6 43 | 11 0 |
| 89 01 10 | 15 45 | 1632 67 | 1684 063 | 548 786 | 6 65 | 11 0 |
| 89 01 10 | 17 45 | 1632 67 | 1684 258 | 548 849 | 6 20 | 11 0 |
| 89 01 10 | 19 45 | 1632 71 | 1684 467 | 548 917 | 6 18 | 11 0 |
| 89 01 10 | 21 45 | 1632 63 | 1684 666 | 548 982 | 6 02 | 11 0 |
| 89 01 10 | 23 45 | 1632 78 | 1684 868 | 549 048 | 6 14 | 11 0 |
| 89 01 11 | 01 45 | 1632 71 | 1685 068 | 549 113 | 6 20 | 11 0 |
| 89 01 11 | 03 45 | 1632 76 | 1685 265 | 549 177 | 6 21 | 11 0 |
| 89 01 11 | 05 45 | 1632 67 | 1685 462 | 549 242 | 6 25 | 11 0 |
| 89 01 11 | 07 45 | 1632 80 | 1685 666 | 549 308 | 6 33 | 11 0 |
| 89 01 11 | 09 45 | 1632 84 | 1685 868 | 549 374 | 6 22 | 11 0 |
| 89 01 11 | 11 45 | 1632 80 | 1686 066 | 549 438 | 6 24 | 11 0 |
| 89 01 11 | 13 45 | 1632 80 | 1686 271 | 549 505 | 6 23 | 11 0 |
| 89 01 11 | 15 45 | 1632 84 | 1686 464 | 549 568 | 6 13 | 11 0 |
| 89 01 11 | 17 45 | 1632 80 | 1686 668 | 549 635 | 6 19 | 11 0 |
| 89 01 11 | 19 45 | 1632 78 | 1686 869 | 549 700 | 6 20 | 11 0 |
| 89 01 11 | 21 45 | 1632 82 | 1687 058 | 549 762 | 6 20 | 11 0 |
| 89 01 11 | 23 45 | 1632 67 | 1687 268 | 549 830 | 6 22 | 11 0 |
| 89 01 12 | 01 45 | 1632 71 | 1687 467 | 549 895 | 6 22 | 11 0 |
| 89 01 12 | 03 45 | 1632 76 | 1687 664 | 549 959 | 6 21 | 11 0 |
| 89 01 12 | 05 45 | 1632 76 | 1687 866 | 550 025 | 6 21 | 11 0 |
| 89 01 12 | 07 45 | 1632 80 | 1688 071 | 550 092 | 5 92 | 11 0 |
| 89 01 12 | 09 45 | 1632 71 | 1688 273 | 550 158 | 6 02 | 11 0 |
| 89 01 12 | 11 45 | 1632 88 | 1688 474 | 550 223 | 6 08 | 11 0 |
| 89 01 12 | 13 45 | 1632 80 | 1688 673 | 550 288 | 6 09 | 11 0 |
| 89 01 12 | 15 45 | 1632 80 | 1688 879 | 550 355 | 5 95 | 11 0 |
| 89 01 12 | 17 45 | 1632 84 | 1689 077 | 550 420 | 5 94 | 11 0 |
| 89 01 12 | 19 45 | 1632 80 | 1689 279 | 550 485 | 5 98 | 11 0 |
| 89 01 12 | 21 45 | 1632 78 | 1689 479 | 550 551 | 5 96 | 11 0 |
| 89 01 12 | 23 45 | 1632 80 | 1689 678 | 550 615 | 6 04 | 11 0 |
| 89 01 13 | 01 45 | 1632 76 | 1689 779 | 550 648 | 6 08 | 11 0 |
| 89 01 13 | 03 45 | 1632 88 | 1690 078 | 550 746 | 6 09 | 11 0 |
| 89 01 13 | 05 45 | 1632 80 | 1690 279 | 550 811 | 6 11 | 11 0 |
| 89 01 13 | 07 45 | 1632 92 | 1690 483 | 550 878 | 6 09 | 11 0 |
| 89 01 13 | 09 45 | 1632 88 | 1690 687 | 550 944 | 6 05 | 11 0 |
| 89 01 13 | 11 45 | 1632 88 | 1690 889 | 551 010 | 6 13 | 11 0 |
| 89 01 13 | 13 45 | 1633 01 | 1691 089 | 551 075 | 6 10 | 11 0 |
| 89 01 13 | 15 45 | 1632 98 | 1691 293 | 551 142 | 6 37 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 01 13 | 17 45 | 1632 90 | 1691 491 | 551 206 | 6 22 | 11 0 |
| 89 01 13 | 19 45 | 1633 05 | 1691 695 | 551 273 | 6 20 | 11 0 |
| 89 01 13 | 21 45 | 1633 03 | 1691 895 | 551 338 | 6 24 | 11 0 |
| 89 01 13 | 23 45 | 1633 09 | 1692 091 | 551 402 | 6 11 | 11 0 |
| 89 01 14 | 01 45 | 1632 71 | 1692 292 | 551 467 | 6 23 | 11 0 |
| 89 01 14 | 03 45 | 1633 13 | 1692 495 | 551 533 | 6 20 | 11 0 |
| 89 01 14 | 05 45 | 1633 05 | 1692 698 | 551 599 | 6 25 | 11 0 |
| 89 01 14 | 07 45 | 1633 05 | 1692 901 | 551 666 | 6 03 | 11 0 |
| 89 01 14 | 09 45 | 1633 13 | 1693 103 | 551 731 | 6 28 | 11 0 |
| 89 01 14 | 11 45 | 1633 13 | 1693 304 | 551 797 | 6 23 | 11 0 |
| 89 01 14 | 13 45 | 1633 13 | 1693 505 | 551 862 | 6 18 | 11 0 |
| 89 01 14 | 15 45 | 1633 17 | 1693 706 | 551 928 | 6 03 | 11 0 |
| 89 01 14 | 17 45 | 1633 05 | 1693 908 | 551 994 | 6 16 | 11 0 |
| 89 01 14 | 19 45 | 1632 98 | 1694 107 | 552 059 | 6 24 | 11 0 |
| 89 01 14 | 21 45 | 1633 03 | 1694 308 | 552 124 | 6 25 | 11 0 |
| 89 01 14 | 23 45 | 1633 05 | 1694 511 | 552 190 | 6 33 | 11 0 |
| 89 01 15 | 01 45 | 1633 07 | 1694 713 | 552 256 | 6 04 | 11 0 |
| 89 01 15 | 03 45 | 1632 98 | 1694 916 | 552 322 | 6 24 | 11 0 |
| 89 01 15 | 05 45 | 1632 94 | 1695 121 | 552 389 | 6 18 | 11 0 |
| 89 01 15 | 07 45 | 1633 05 | 1695 318 | 552 453 | 6 43 | 11 0 |
| 89 01 15 | 09 45 | 1632 92 | 1695 519 | 552 519 | 6 23 | 11 0 |
| 89 01 15 | 11 45 | 1633 09 | 1695 720 | 552 584 | 6 39 | 11 0 |
| 89 01 20 | 04 45 | 1647 03 | 1695 746 | 552 593 | 5 91 | 10 0 |
| 89 01 20 | 06 45 | 1622 05 | 1696 100 | 552 708 | 6 10 | 10 0 |
| 89 01 20 | 08 45 | 1632 30 | 1696 338 | 552 786 | 6 17 | 11 0 |
| 89 01 20 | 10 45 | 1632 21 | 1696 545 | 552 853 | 6 23 | 10 0 |
| 89 01 20 | 12 45 | 1632 46 | 1696 758 | 552 923 | 6 11 | 10 0 |
| 89 01 20 | 14 45 | 1632 38 | 1696 965 | 552 990 | 6 17 | 10 0 |
| 89 01 20 | 16 45 | 1632 44 | 1697 178 | 553 059 | 6 03 | 10 0 |
| 89 01 20 | 18 45 | 1632 32 | 1697 390 | 553 128 | 6 23 | 10 0 |
| 89 01 20 | 20 45 | 1632 44 | 1697 603 | 553 198 | 6 20 | 10 0 |
| 89 01 20 | 22 45 | 1632 44 | 1697 813 | 553 266 | 6 23 | 10 0 |
| 89 01 21 | 00 45 | 1632 46 | 1698 037 | 553 339 | 6 20 | 10 0 |
| 89 01 21 | 02 45 | 1632 55 | 1698 253 | 553 410 | 6 18 | 10 0 |
| 89 01 21 | 04 45 | 1632 55 | 1698 466 | 553 479 | 6 21 | 10 0 |
| 89 01 21 | 06 45 | 1632 51 | 1698 672 | 553 546 | 6 22 | 10 0 |
| 89 01 21 | 08 45 | 1632 67 | 1698 882 | 553 615 | 6 19 | 11 0 |
| 89 01 21 | 10 45 | 1632 71 | 1699 096 | 553 684 | 6 22 | 11 0 |
| 89 01 21 | 12 45 | 1632 71 | 1699 310 | 553 754 | 6 28 | 11 0 |
| 89 01 21 | 14 45 | 1633 05 | 1699 518 | 553 822 | 6 27 | 11 0 |
| 89 01 21 | 16 45 | 1633 05 | 1699 728 | 553 890 | 6 12 | 10 0 |
| 89 01 21 | 18 45 | 1632 92 | 1699 941 | 553 960 | 6 20 | 10 0 |
| 89 01 21 | 20 45 | 1633 09 | 1700 149 | 554 028 | 6 39 | 10 0 |
| 89 01 21 | 22 45 | 1633 05 | 1700 358 | 554 096 | 6 28 | 10 0 |
| 89 01 22 | 00 45 | 1633 09 | 1700 571 | 554 165 | 6 17 | 10 0 |
| 89 01 22 | 02 45 | 1633 03 | 1700 779 | 554 233 | 6 26 | 10 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 01 22 | 04 45 | 1633 09 | 1700 985 | 554 300 | 6 34 | 10 0 |
| 89 01 22 | 06 45 | 1633 11 | 1701 199 | 554 370 | 6 39 | 10 0 |
| 89 01 22 | 08 45 | 1633 21 | 1701 409 | 554 438 | 6 38 | 10 0 |
| 89 01 22 | 10 45 | 1633 17 | 1701 621 | 554 507 | 6 44 | 10 0 |
| 89 01 22 | 12 45 | 1633 38 | 1701 829 | 554 575 | 6 57 | 10 0 |
| 89 01 22 | 14 45 | 1633 21 | 1702 030 | 554 641 | 6 58 | 10 0 |
| 89 01 22 | 16 45 | 1633 40 | 1702 248 | 554 712 | 6 27 | 10 0 |
| 89 01 22 | 18 45 | 1633 32 | 1702 458 | 554 780 | 6 23 | 10 0 |
| 89 01 22 | 20 45 | 1633 38 | 1702 668 | 554 848 | 6 32 | 10 0 |
| 89 01 22 | 22 45 | 1633 32 | 1702 878 | 554 917 | 6 28 | 10 0 |
| 89 01 23 | 00 45 | 1633 38 | 1703 086 | 554 985 | 6 38 | 10 0 |
| 89 01 23 | 02 45 | 1633 34 | 1703 296 | 555 053 | 6 28 | 10 0 |
| 89 01 23 | 04 45 | 1629 88 | 1703 516 | 555 125 | 6 34 | 10 0 |
| 89 01 23 | 06 45 | 1629 82 | 1703 784 | 555 212 | 6 39 | 10 0 |
| 89 01 23 | 08 45 | 1633 63 | 1703 997 | 555 282 | 6 21 | 10 0 |
| 89 01 23 | 10 45 | 1633 55 | 1704 198 | 555 347 | 6 24 | 10 0 |
| 89 01 23 | 12 45 | 1633 59 | 1704 408 | 555 415 | 6 31 | 10 0 |
| 89 01 23 | 14 45 | 1633 76 | 1704 618 | 555 484 | 6 35 | 10 0 |
| 89 01 23 | 16 45 | 1633 78 | 1704 817 | 555 549 | 6 33 | 10 0 |
| 89 01 23 | 18 45 | 1633 82 | 1705 020 | 555 615 | 6 30 | 10 0 |
| 89 01 23 | 20 45 | 1633 76 | 1705 224 | 555 681 | 6 28 | 10 0 |
| 89 01 23 | 22 45 | 1633 67 | 1705 427 | 555 747 | 6 31 | 10 0 |
| 89 01 24 | 00 45 | 1633 76 | 1705 634 | 555 815 | 6 28 | 10 0 |
| 89 01 24 | 02 45 | 1633 69 | 1705 840 | 555 882 | 6 34 | 10 0 |
| 89 01 24 | 04 45 | 1633 80 | 1706 035 | 555 946 | 6 27 | 10 0 |
| 89 01 24 | 06 45 | 1633 71 | 1706 242 | 556 013 | 6 31 | 10 0 |
| 89 01 24 | 08 45 | 1633 71 | 1706 446 | 556 080 | 6 33 | 10 0 |
| 89 01 24 | 10 45 | 1633 76 | 1706 648 | 556 145 | 6 40 | 10 0 |
| 89 01 24 | 12 45 | 1633 76 | 1706 851 | 556 212 | 6 01 | 10 0 |
| 89 01 24 | 14 45 | 1633 71 | 1707 056 | 556 278 | 6 27 | 10 0 |
| 89 01 24 | 16 45 | 1633 80 | 1707 261 | 556 345 | 6 25 | 10 0 |
| 89 01 24 | 18 45 | 1633 73 | 1707 462 | 556 411 | 6 28 | 10 0 |
| 89 01 24 | 20 45 | 1633 80 | 1707 663 | 556 476 | 6 30 | 10 0 |
| 89 01 24 | 22 45 | 1633 76 | 1707 868 | 556 543 | 6 32 | 10 0 |
| 89 01 25 | 00 45 | 1633 73 | 1708 071 | 556 609 | 6 24 | 10 0 |
| 89 01 25 | 02 45 | 1633 71 | 1708 274 | 556 675 | 6 33 | 10 0 |
| 89 01 25 | 04 45 | 1633 71 | 1708 482 | 556 743 | 6 25 | 10 0 |
| 89 01 25 | 06 45 | 1633 73 | 1708 682 | 556 808 | 6 31 | 10 0 |
| 89 01 25 | 08 45 | 1633 80 | 1708 883 | 556 874 | 6 25 | 10 0 |
| 89 01 25 | 10 45 | 1633 71 | 1709 086 | 556 940 | 6 23 | 11 0 |
| 89 01 25 | 12 45 | 1633 88 | 1709 289 | 557 006 | 6 18 | 11 0 |
| 89 01 25 | 14 45 | 1633 84 | 1709 492 | 557 072 | 6 19 | 11 0 |
| 89 01 25 | 16 45 | 1633 71 | 1709 703 | 557 141 | 6 35 | 11 0 |
| 89 01 25 | 18 45 | 1633 84 | 1709 902 | 557 206 | 6 32 | 11 0 |
| 89 01 25 | 20 45 | 1633 80 | 1710 111 | 557 274 | 6 35 | 11 0 |
| 89 01 25 | 22 45 | 1633 71 | 1710 308 | 557 338 | 6 33 | 11 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 01 26 | 00 45 | 1633 76 | 1710 510 | 557 404 | 6 22 | 11 0 |
| 89 01 26 | 02 45 | 1633 82 | 1710 714 | 557 470 | 6 30 | 11 0 |
| 89 01 26 | 04 45 | 1633 80 | 1710 922 | 557 538 | 6 33 | 11 0 |
| 89 01 26 | 06 45 | 1633 71 | 1711 124 | 557 604 | 6 30 | 11 0 |
| 89 01 26 | 08 45 | 1633 76 | 1711 319 | 557 668 | 6 44 | 11 0 |
| 89 01 26 | 10 45 | 1633 80 | 1711 528 | 557 736 | 6 65 | 11 0 |
| 89 01 26 | 12 45 | 1633 76 | 1711 726 | 557 800 | 6 72 | 11 0 |
| 89 01 26 | 14 45 | 1633 76 | 1711 931 | 557 867 | 6 71 | 11 0 |
| 89 01 26 | 16 45 | 1633 84 | 1712 128 | 557 931 | 6 53 | 11 0 |
| 89 01 26 | 18 45 | 1633 76 | 1712 329 | 557 997 | 6 21 | 10 0 |
| 89 01 26 | 20 45 | 1633 84 | 1712 531 | 558 062 | 6 18 | 10 0 |
| 89 01 26 | 22 45 | 1633 82 | 1712 733 | 558 128 | 6 24 | 10 0 |
| 89 01 27 | 00 45 | 1633 78 | 1712 933 | 558 193 | 6 23 | 10 0 |
| 89 01 27 | 02 45 | 1633 73 | 1713 135 | 558 259 | 6 31 | 10 0 |
| 89 01 27 | 04 45 | 1633 76 | 1713 335 | 558 324 | 6 36 | 10 0 |
| 89 01 27 | 06 45 | 1633 90 | 1713 536 | 558 390 | 6 42 | 10 0 |
| 89 01 27 | 08 45 | 1633 84 | 1713 735 | 558 455 | 6 23 | 10 0 |
| 89 01 27 | 10 45 | 1633 80 | 1713 936 | 558 520 | 6 31 | 10 0 |
| 89 01 27 | 12 45 | 1633 82 | 1714 138 | 558 586 | 6 27 | 10 0 |
| 89 01 27 | 14 45 | 1633 80 | 1714 338 | 558 651 | 6 36 | 10 0 |
| 89 01 27 | 16 45 | 1633 84 | 1714 542 | 558 718 | 6 36 | 10 0 |
| 89 01 27 | 18 45 | 1633 98 | 1714 742 | 558 783 | 6 28 | 10 0 |
| 89 01 27 | 20 45 | 1633 94 | 1714 942 | 558 848 | 6 32 | 10 0 |
| 89 01 27 | 22 45 | 1633 90 | 1715 142 | 558 913 | 6 34 | 10 0 |
| 89 01 28 | 00 45 | 1633 96 | 1715 345 | 558 979 | 6 35 | 10 0 |
| 89 01 28 | 02 45 | 1633 92 | 1715 545 | 559 045 | 6 33 | 10 0 |
| 89 01 28 | 04 45 | 1633 92 | 1715 745 | 559 110 | 6 35 | 10 0 |
| 89 01 28 | 06 45 | 1633 88 | 1715 943 | 559 174 | 6 32 | 10 0 |
| 89 01 28 | 08 45 | 1633 80 | 1716 137 | 559 238 | 6 35 | 10 0 |
| 89 01 28 | 10 45 | 1633 96 | 1716 336 | 559 302 | 6 37 | 10 0 |
| 89 01 28 | 12 45 | 1633 96 | 1716 535 | 559 367 | 6 40 | 10 0 |
| 89 01 28 | 14 45 | 1633 88 | 1716 733 | 559 432 | 6 39 | 10 0 |
| 89 01 28 | 16 45 | 1633 80 | 1716 934 | 559 497 | 6 36 | 10 0 |
| 89 01 28 | 18 45 | 1633 84 | 1717 130 | 559 561 | 6 23 | 10 0 |
| 89 01 28 | 20 45 | 1633 86 | 1717 324 | 559 624 | 6 20 | 10 0 |
| 89 01 28 | 22 45 | 1633 80 | 1717 524 | 559 690 | 6 27 | 10 0 |
| 89 01 29 | 00 45 | 1633 88 | 1717 732 | 559 757 | 6 21 | 10 0 |
| 89 01 29 | 02 45 | 1633 84 | 1717 929 | 559 822 | 6 28 | 10 0 |
| 89 01 29 | 04 45 | 1633 88 | 1718 126 | 559 886 | 6 33 | 10 0 |
| 89 01 29 | 06 45 | 1633 90 | 1718 323 | 559 950 | 6 40 | 10 0 |
| 89 01 29 | 08 45 | 1634 05 | 1718 517 | 560 013 | 6 41 | 10 0 |
| 89 01 29 | 10 45 | 1633 96 | 1718 715 | 560 078 | 6 09 | 10 0 |
| 89 01 29 | 12 45 | 1634 01 | 1718 911 | 560 142 | 6 63 | 10 0 |
| 89 01 29 | 14 45 | 1633 96 | 1719 109 | 560 206 | 6 72 | 10 0 |
| 89 01 29 | 16 45 | 1634 09 | 1719 304 | 560 270 | 6 13 | 10 0 |
| 89 01 29 | 18 45 | 1634 05 | 1719 501 | 560 334 | 6 21 | 10 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 01 29 | 20 45 | 1634 03 | 1719 698 | 560 398 | 6 29 | 10 0 |
| 89 01 29 | 22 45 | 1633 96 | 1719 895 | 560 462 | 6 35 | 10 0 |
| 89 01 30 | 00 45 | 1634 09 | 1720 094 | 560 527 | 6 23 | 10 0 |
| 89 01 30 | 02 45 | 1634 05 | 1720 293 | 560 592 | 6 32 | 10 0 |
| 89 01 30 | 04 45 | 1634 01 | 1720 490 | 560 656 | 6 37 | 10 0 |
| 89 01 30 | 06 45 | 1634 05 | 1720 686 | 560 720 | 6 43 | 10 0 |
| 89 01 30 | 08 45 | 1633 92 | 1720 879 | 560 783 | 5 96 | 10 0 |
| 89 01 30 | 10 45 | 1634 03 | 1721 076 | 560 847 | 6 11 | 10 0 |
| 89 01 30 | 12 45 | 1634 05 | 1721 273 | 560 911 | 6 17 | 10 0 |
| 89 01 30 | 14 45 | 1633 96 | 1721 468 | 560 975 | 6 23 | 10 0 |
| 89 01 30 | 16 45 | 1634 01 | 1721 675 | 561 042 | 6 26 | 10 0 |
| 89 01 30 | 18 45 | 1634 13 | 1721 868 | 561 105 | 6 22 | 10 0 |
| 89 01 30 | 20 45 | 1634 09 | 1722 062 | 561 168 | 6 44 | 10 0 |
| 89 01 30 | 22 45 | 1634 17 | 1722 260 | 561 233 | 6 42 | 10 0 |
| 89 01 31 | 00 45 | 1634 13 | 1722 453 | 561 296 | 6 14 | 10 0 |
| 89 01 31 | 02 45 | 1634 21 | 1722 650 | 561 360 | 6 17 | 10 0 |
| 89 01 31 | 04 45 | 1634 19 | 1722 850 | 561 425 | 6 23 | 10 0 |
| 89 01 31 | 06 45 | 1634 21 | 1723 047 | 561 489 | 6 21 | 10 0 |
| 89 01 31 | 08 45 | 1634 21 | 1723 240 | 561 552 | 6 41 | 10 0 |
| 89 01 31 | 10 45 | 1633 88 | 1723 435 | 561 616 | 6 61 | 10 0 |
| 89 01 31 | 12 45 | 1634 09 | 1723 645 | 561 684 | 6 73 | 10 0 |
| 89 01 31 | 14 45 | 1634 30 | 1723 826 | 561 743 | 6 82 | 10 0 |
| 89 01 31 | 16 45 | 1634 23 | 1724 023 | 561 807 | 6 10 | 10 0 |
| 89 01 31 | 18 45 | 1634 09 | 1724 219 | 561 871 | 6 59 | 10 0 |
| 89 01 31 | 20 45 | 1634 05 | 1724 354 | 561 915 | 6 55 | 10 0 |
| 89 02 01 | 13 35 | 1646 63 | 1724 354 | 561 915 | 5 95 | 10 0 |
| 89 02 01 | 15 35 | 1633 30 | 1724 571 | 561 986 | 6 39 | 10 0 |
| 89 02 01 | 17 35 | 1633 05 | 1724 791 | 562 058 | 6 54 | 10 0 |
| 89 02 01 | 19 35 | 1633 09 | 1725 003 | 562 127 | 6 54 | 10 0 |
| 89 02 01 | 21 35 | 1633 01 | 1725 218 | 562 197 | 6 54 | 10 0 |
| 89 02 01 | 23 35 | 1632 82 | 1725 435 | 562 268 | 6 40 | 10 0 |
| 89 02 02 | 01 35 | 1632 80 | 1725 652 | 562 338 | 6 38 | 10 0 |
| 89 02 02 | 03 35 | 1632 80 | 1725 858 | 562 405 | 6 36 | 10 0 |
| 89 02 02 | 05 35 | 1632 80 | 1726 073 | 562 475 | 6 48 | 10 0 |
| 89 02 02 | 07 30 | 1632 71 | 1726 280 | 562 543 | 6 61 | 10 0 |
| 89 02 02 | 09 30 | 1632 80 | 1726 533 | 562 625 | 6 50 | 10 0 |
| 89 02 02 | 11 30 | 1632 76 | 1726 719 | 562 686 | 6 54 | 10 0 |
| 89 02 02 | 13 30 | 1632 71 | 1726 932 | 562 755 | 6 51 | 10 0 |
| 89 02 02 | 15 30 | 1632 71 | 1727 145 | 562 825 | 6 15 | 10 0 |
| 89 02 02 | 17 30 | 1632 73 | 1727 362 | 562 895 | 6 49 | 10 0 |
| 89 02 02 | 19 30 | 1632 63 | 1727 578 | 562 966 | 6 49 | 10 0 |
| 89 02 02 | 21 30 | 1632 67 | 1727 791 | 563 035 | 6 45 | 10 0 |
| 89 02 02 | 23 30 | 1632 63 | 1728 005 | 563 105 | 6 41 | 10 0 |
| 89 02 03 | 01 30 | 1632 63 | 1728 225 | 563 177 | 6 38 | 10 0 |
| 89 02 03 | 03 30 | 1632 65 | 1728 446 | 563 249 | 6 44 | 10 0 |
| 89 02 03 | 05 30 | 1632 63 | 1728 654 | 563 316 | 6 45 | 10 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 02 03 | 07 30 | 1632 71 | 1728 865 | 563 385 | 6 58 | 10 0 |
| 89 02 03 | 09 30 | 1632 46 | 1729 083 | 563 456 | 6 15 | 10 0 |
| 89 02 03 | 11 30 | 1632 38 | 1729 302 | 563 528 | 6 05 | 10 0 |
| 89 02 03 | 13 30 | 1632 55 | 1729 520 | 563 599 | 6 55 | 10 0 |
| 89 02 03 | 15 30 | 1632 44 | 1729 743 | 563 671 | 6 38 | 10 0 |
| 89 02 03 | 17 30 | 1632 38 | 1729 961 | 563 742 | 6 36 | 10 0 |
| 89 02 03 | 19 30 | 1633 13 | 1730 178 | 563 813 | 6 33 | 10 0 |
| 89 02 03 | 21 30 | 1632 51 | 1730 395 | 563 884 | 6 25 | 10 0 |
| 89 02 03 | 23 30 | 1632 38 | 1730 614 | 563 955 | 6 31 | 10 0 |
| 89 02 04 | 01 30 | 1632 36 | 1730 833 | 564 027 | 6 33 | 10 0 |
| 89 02 04 | 03 30 | 1632 46 | 1731 070 | 564 104 | 6 30 | 10 0 |
| 89 02 04 | 05 30 | 1632 51 | 1731 273 | 564 170 | 6 29 | 10 0 |
| 89 02 04 | 07 30 | 1632 17 | 1731 495 | 564 242 | 6 31 | 10 0 |
| 89 02 04 | 09 30 | 1632 21 | 1731 722 | 564 316 | 6 51 | 10 0 |
| 89 02 04 | 11 30 | 1632 17 | 1731 947 | 564 390 | 6 43 | 10 0 |
| 89 02 04 | 13 30 | 1632 17 | 1732 172 | 564 463 | 6 40 | 10 0 |
| 89 02 04 | 15 30 | 1632 13 | 1732 393 | 564 535 | 6 50 | 10 0 |
| 89 02 04 | 17 30 | 1632 26 | 1732 616 | 564 608 | 6 53 | 10 0 |
| 89 02 04 | 19 30 | 1634 21 | 1732 840 | 564 681 | 6 27 | 10 0 |
| 89 02 04 | 21 30 | 1634 17 | 1733 031 | 564 743 | 6 33 | 10 0 |
| 89 02 04 | 23 30 | 1634 13 | 1733 228 | 564 807 | 6 37 | 10 0 |
| 89 02 05 | 01 30 | 1634 07 | 1733 416 | 564 868 | 6 24 | 10 0 |
| 89 02 05 | 03 30 | 1633 88 | 1733 610 | 564 931 | 6 27 | 10 0 |
| 89 02 05 | 05 30 | 1633 84 | 1733 811 | 564 997 | 6 33 | 10 0 |
| 89 02 05 | 07 30 | 1633 76 | 1734 014 | 565 063 | 6 41 | 10 0 |
| 89 02 05 | 09 30 | 1633 71 | 1734 216 | 565 129 | 6 71 | 10 0 |
| 89 02 05 | 11 30 | 1633 84 | 1734 422 | 565 196 | 6 70 | 10 0 |
| 89 02 05 | 13 30 | 1633 80 | 1734 618 | 565 260 | 6 73 | 10 0 |
| 89 02 05 | 15 30 | 1633 92 | 1734 820 | 565 326 | 6 72 | 10 0 |
| 89 02 05 | 17 30 | 1633 88 | 1735 008 | 565 387 | 6 69 | 10 0 |
| 89 02 05 | 19 30 | 1633 80 | 1735 216 | 565 455 | 6 71 | 10 0 |
| 89 02 05 | 21 30 | 1633 88 | 1735 407 | 565 517 | 6 72 | 10 0 |
| 89 02 05 | 23 30 | 1633 78 | 1735 615 | 565 585 | 6 32 | 10 0 |
| 89 02 06 | 01 30 | 1633 76 | 1735 813 | 565 649 | 6 44 | 10 0 |
| 89 02 06 | 03 30 | 1633 88 | 1736 016 | 565 716 | 6 47 | 10 0 |
| 89 02 06 | 05 30 | 1633 84 | 1736 214 | 565 780 | 6 51 | 10 0 |
| 89 02 06 | 07 30 | 1633 88 | 1736 415 | 565 846 | 6 30 | 10 0 |
| 89 02 06 | 09 30 | 1633 82 | 1736 613 | 565 910 | 6 24 | 10 0 |
| 89 02 06 | 11 30 | 1633 84 | 1736 811 | 565 975 | 6 31 | 10 0 |
| 89 02 06 | 13 30 | 1633 88 | 1737 013 | 566 040 | 6 27 | 10 0 |
| 89 02 06 | 15 30 | 1633 88 | 1737 211 | 566 105 | 6 05 | 10 0 |
| 89 02 06 | 17 30 | 1633 92 | 1737 416 | 566 172 | 6 28 | 10 0 |
| 89 02 06 | 19 30 | 1633 92 | 1737 613 | 566 236 | 6 30 | 10 0 |
| 89 02 06 | 21 30 | 1633 84 | 1737 812 | 566 301 | 6 38 | 10 0 |
| 89 02 06 | 23 30 | 1633 94 | 1738 013 | 566 366 | 6 34 | 10 0 |
| 89 02 07 | 01 30 | 1633 88 | 1738 110 | 566 398 | 6 42 | 10 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 02 07 | 03 30 | 1633 86 | 1738 417 | 566 498 | 6 37 | 10 0 |
| 89 02 07 | 05 30 | 1633 82 | 1738 613 | 566 562 | 6 40 | 10 0 |
| 89 02 07 | 07 30 | 1633 88 | 1738 818 | 566 629 | 6 67 | 10 0 |
| 89 02 07 | 09 30 | 1633 88 | 1739 013 | 566 692 | 6 87 | 10 0 |
| 89 02 07 | 11 30 | 1634 01 | 1739 217 | 566 759 | 6 40 | 10 0 |
| 89 02 07 | 13 30 | 1633 96 | 1739 411 | 566 822 | 6 45 | 10 0 |
| 89 02 07 | 15 30 | 1633 88 | 1739 623 | 566 891 | 6 22 | 10 0 |
| 89 02 07 | 17 30 | 1634 01 | 1739 827 | 566 957 | 5 79 | 10 0 |
| 89 02 07 | 19 30 | 1633 92 | 1740 023 | 567 021 | 6 29 | 10 0 |
| 89 02 07 | 21 30 | 1633 76 | 1740 223 | 567 086 | 6 42 | 10 0 |
| 89 02 07 | 23 30 | 1633 86 | 1740 421 | 567 151 | 6 45 | 10 0 |
| 89 02 08 | 01 30 | 1633 73 | 1740 626 | 567 218 | 6 21 | 10 0 |
| 89 02 08 | 03 30 | 1633 80 | 1740 828 | 567 284 | 6 26 | 10 0 |
| 89 02 08 | 05 30 | 1633 76 | 1741 028 | 567 349 | 6 25 | 10 0 |
| 89 02 08 | 07 30 | 1633 80 | 1741 224 | 567 413 | 6 21 | 11 0 |
| 89 02 08 | 09 30 | 1633 88 | 1741 423 | 567 478 | 6 51 | 11 0 |
| 89 02 08 | 11 30 | 1633 84 | 1741 623 | 567 543 | 1 56 | 11 0 |
| 89 02 08 | 13 30 | 1633 71 | 1741 824 | 567 608 | 6 79 | 11 0 |
| 89 02 08 | 15 30 | 1633 84 | 1742 043 | 567 680 | 6 33 | 10 0 |
| 89 02 08 | 17 30 | 1633 80 | 1742 236 | 567 742 | 6 17 | 10 0 |
| 89 02 08 | 19 30 | 1633 63 | 1742 431 | 567 806 | 6 49 | 10 0 |
| 89 02 08 | 21 30 | 1633 76 | 1742 637 | 567 873 | 6 24 | 10 0 |
| 89 02 08 | 23 30 | 1633 69 | 1742 824 | 567 934 | 6 33 | 10 0 |
| 89 02 09 | 01 30 | 1633 80 | 1743 031 | 568 002 | 6 24 | 10 0 |
| 89 02 09 | 03 30 | 1633 84 | 1743 236 | 568 068 | 6 25 | 10 0 |
| 89 02 09 | 05 30 | 1633 82 | 1743 437 | 568 134 | 6 23 | 10 0 |
| 89 02 09 | 07 30 | 1633 88 | 1743 634 | 568 198 | 6 22 | 10 0 |
| 89 02 09 | 09 30 | 1633 88 | 1743 833 | 568 263 | 6 65 | 10 0 |
| 89 02 09 | 11 30 | 1633 80 | 1744 035 | 568 329 | 6 51 | 10 0 |
| 89 02 09 | 13 30 | 1633 78 | 1744 237 | 568 395 | 6 71 | 10 0 |
| 89 02 09 | 15 30 | 1634 13 | 1744 437 | 568 460 | 6 30 | 10 0 |
| 89 02 09 | 17 30 | 1634 05 | 1744 633 | 568 524 | 6 35 | 10 0 |
| 89 02 09 | 19 30 | 1634 13 | 1744 836 | 568 590 | 6 43 | 10 0 |
| 89 02 09 | 21 30 | 1633 63 | 1745 029 | 568 653 | 6 49 | 10 0 |
| 89 02 09 | 23 30 | 1633 53 | 1745 224 | 568 716 | 6 28 | 10 0 |
| 89 02 10 | 01 30 | 1633 55 | 1745 433 | 568 784 | 6 35 | 10 0 |
| 89 02 10 | 03 30 | 1633 61 | 1745 632 | 568 849 | 6 43 | 10 0 |
| 89 02 10 | 05 30 | 1633 57 | 1745 835 | 568 915 | 6 46 | 10 0 |
| 89 02 10 | 07 30 | 1633 67 | 1746 050 | 568 985 | 6 86 | 11 0 |
| 89 02 10 | 09 30 | 1633 51 | 1746 254 | 569 052 | 6 31 | 10 0 |
| 89 02 10 | 11 30 | 1633 46 | 1746 455 | 569 117 | 6 27 | 10 0 |
| 89 02 10 | 13 30 | 1633 67 | 1746 663 | 569 185 | 6 57 | 11 0 |
| 89 02 10 | 15 30 | 1633 51 | 1746 869 | 569 252 | 6 47 | 10 0 |
| 89 02 10 | 17 30 | 1633 51 | 1747 073 | 569 319 | 6 33 | 10 0 |
| 89 02 10 | 19 30 | 1633 51 | 1747 284 | 569 387 | 6 21 | 10 0 |
| 89 02 10 | 21 30 | 1633 63 | 1747 488 | 569 454 | 6 28 | 10 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 02 10 | 23 30 | 1633 59 | 1747 694 | 569 521 | 6 24 | 10 0 |
| 89 02 11 | 01 30 | 1633 55 | 1747 913 | 569 592 | 6 23 | 10 0 |
| 89 02 11 | 03 30 | 1633 53 | 1748 100 | 569 653 | 6 26 | 10 0 |
| 89 02 11 | 05 30 | 1633 63 | 1748 305 | 569 720 | 6 25 | 10 0 |
| 89 02 11 | 07 30 | 1633 63 | 1748 505 | 569 785 | 6 57 | 11 0 |
| 89 02 11 | 09 30 | 1633 55 | 1748 703 | 569 850 | 6 36 | 11 0 |
| 89 02 11 | 11 30 | 1633 71 | 1748 909 | 569 917 | 6 55 | 11 0 |
| 89 02 11 | 13 30 | 1633 76 | 1749 111 | 569 983 | 6 86 | 11 0 |
| 89 02 11 | 15 30 | 1633 67 | 1749 316 | 570 050 | 6 36 | 11 0 |
| 89 02 11 | 17 30 | 1633 71 | 1749 520 | 570 116 | 6 23 | 11 0 |
| 89 02 11 | 19 30 | 1633 69 | 1749 727 | 570 184 | 6 33 | 11 0 |
| 89 02 11 | 21 30 | 1633 63 | 1749 922 | 570 247 | 6 56 | 11 0 |
| 89 02 11 | 23 30 | 1633 71 | 1750 122 | 570 312 | 6 22 | 11 0 |
| 89 02 12 | 01 30 | 1633 65 | 1750 323 | 570 378 | 6 33 | 11 0 |
| 89 02 12 | 03 30 | 1633 76 | 1750 526 | 570 444 | 6 36 | 11 0 |
| 89 02 12 | 05 30 | 1633 63 | 1750 732 | 570 511 | 6 50 | 11 0 |
| 89 02 12 | 07 30 | 1633 51 | 1750 937 | 570 578 | 6 12 | 11 0 |
| 89 02 12 | 09 30 | 1633 67 | 1751 142 | 570 645 | 6 30 | 11 0 |
| 89 02 12 | 11 30 | 1633 76 | 1751 343 | 570 710 | 5 63 | 11 0 |
| 89 02 12 | 13 30 | 1633 71 | 1751 548 | 570 777 | 6 50 | 11 0 |
| 89 02 12 | 15 30 | 1633 76 | 1751 757 | 570 845 | 6 49 | 11 0 |
| 89 02 12 | 17 30 | 1633 71 | 1751 958 | 570 911 | 6 43 | 11 0 |
| 89 02 12 | 19 30 | 1633 80 | 1752 163 | 570 977 | 6 39 | 11 0 |
| 89 02 12 | 21 30 | 1633 76 | 1752 368 | 571 044 | 6 32 | 11 0 |
| 89 02 12 | 23 30 | 1633 82 | 1752 560 | 571 107 | 6 28 | 11 0 |
| 89 02 13 | 01 30 | 1633 80 | 1752 767 | 571 174 | 6 26 | 11 0 |
| 89 02 13 | 03 30 | 1633 76 | 1752 971 | 571 241 | 6 31 | 11 0 |
| 89 02 13 | 05 30 | 1633 78 | 1753 175 | 571 307 | 6 38 | 11 0 |
| 89 02 13 | 07 30 | 1633 76 | 1753 390 | 571 377 | 6 07 | 11 0 |
| 89 02 13 | 09 30 | 1633 80 | 1753 609 | 571 449 | 6 31 | 11 0 |
| 89 02 13 | 11 30 | 1633 71 | 1753 804 | 571 512 | 6 51 | 11 0 |
| 89 02 13 | 13 30 | 1633 63 | 1753 996 | 571 575 | 6 55 | 11 0 |
| 89 02 13 | 15 30 | 1633 76 | 1754 208 | 571 644 | 6 22 | 10 0 |
| 89 02 13 | 17 30 | 1633 63 | 1754 416 | 571 712 | 6 23 | 10 0 |
| 89 02 13 | 19 30 | 1633 55 | 1754 614 | 571 776 | 6 18 | 10 0 |
| 89 02 13 | 21 30 | 1633 63 | 1754 822 | 571 844 | 6 14 | 10 0 |
| 89 02 13 | 23 30 | 1633 51 | 1755 018 | 571 908 | 6 10 | 10 0 |
| 89 02 14 | 01 30 | 1633 65 | 1755 219 | 571 973 | 6 21 | 10 0 |
| 89 02 14 | 03 30 | 1633 67 | 1755 423 | 572 040 | 6 27 | 10 0 |
| 89 02 14 | 05 30 | 1633 59 | 1755 625 | 572 106 | 6 35 | 10 0 |
| 89 02 14 | 07 30 | 1633 63 | 1755 841 | 572 176 | 6 42 | 10 0 |
| 89 02 14 | 09 30 | 1633 59 | 1756 043 | 572 242 | 6 61 | 10 0 |
| 89 02 14 | 11 30 | 1633 71 | 1756 255 | 572 311 | 6 52 | 10 0 |
| 89 02 14 | 13 30 | 1633 80 | 1756 458 | 572 377 | 6 51 | 10 0 |
| 89 02 14 | 15 30 | 1633 84 | 1756 659 | 572 442 | 6 24 | 10 0 |
| 89 02 14 | 17 30 | 1633 80 | 1756 864 | 572 509 | 6 27 | 10 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 02 14 | 19 30 | 1633 73 | 1757 065 | 572 575 | 6 25 | 10 0 |
| 89 02 14 | 22 30 | 1633 76 | 1757 268 | 572 641 | 6 28 | 10 0 |
| 89 02 14 | 23 30 | 1633 86 | 1757 467 | 572 706 | 6 30 | 10 0 |
| 89 02 15 | 01 30 | 1633 73 | 1757 570 | 572 739 | 6 33 | 10 0 |
| 89 02 15 | 03 30 | 1633 76 | 1757 880 | 572 840 | 6 31 | 10 0 |
| 89 02 15 | 05 30 | 1633 80 | 1758 079 | 572 905 | 6 29 | 10 0 |
| 89 02 15 | 07 30 | 1633 71 | 1758 230 | 572 954 | 6 39 | 11 0 |
| 89 02 15 | 09 30 | | 1758 480 | 573 036 | 6 77 | 11 0 |
| 89 02 15 | 11 30 | | 1758 685 | 573 103 | 6 74 | 11 0 |
| 89 02 15 | 13 30 | | 1758 887 | 573 169 | 6 79 | 11 0 |
| 89 02 15 | 15 30 | | 1759 094 | 573 236 | 6 34 | 11 0 |
| 89 02 15 | 17 30 | 1633 80 | 1759 293 | 573 301 | 6 31 | 11 0 |
| 89 02 15 | 19 30 | 1633 65 | 1759 494 | 573 366 | 6 30 | 11 0 |
| 89 02 15 | 21 30 | 1633 76 | 1759 698 | 573 433 | 6 32 | 11 0 |
| 89 02 15 | 23 30 | 1633 67 | 1759 901 | 573 499 | 6 33 | 11 0 |
| 89 02 16 | 01 30 | 1633 71 | 1760 103 | 573 565 | 6 30 | 11 0 |
| 89 02 16 | 03 30 | 1633 59 | 1760 309 | 573 632 | 6 34 | 10 0 |
| 89 02 16 | 05 30 | 1633 63 | 1760 516 | 573 699 | 6 31 | 10 0 |
| 89 02 16 | 07 30 | 1633 67 | 1760 717 | 573 765 | 6 43 | 10 0 |
| 89 02 16 | 09 30 | | 1760 921 | 573 831 | 5 21 | 10 0 |
| 89 02 16 | 11 30 | 1633 63 | 1761 128 | 573 899 | 5 24 | 10 0 |
| 89 02 16 | 13 30 | 1633 71 | 1761 331 | 573 965 | 5 31 | 10 0 |
| 89 02 16 | 14 20 | 1633 69 | 1761 410 | 573 991 | | 10 0 |
| 89 02 21 | 15 45 | 1646 59 | 1761 471 | 574 011 | 5 74 | 10 0 |
| 89 02 21 | 20 05 | 1646 96 | 1761 515 | 574 025 | 5 85 | 10 0 |
| 89 02 21 | 22 05 | 1633 94 | 1761 705 | 574 087 | 5 92 | 10 0 |
| 89 02 22 | 00 05 | 1633 73 | 1761 896 | 574 149 | 6 02 | 10 0 |
| 89 02 22 | 02 05 | 1634 01 | 1762 086 | 574 211 | 6 26 | 10 0 |
| 89 02 22 | 04 05 | 1633 92 | 1762 286 | 574 276 | 6 19 | 10 0 |
| 89 02 22 | 06 05 | 1633 88 | 1762 477 | 574 338 | 6 20 | 10 0 |
| 89 02 22 | 08 05 | 1633 80 | 1762 673 | 574 402 | 6 76 | 10 0 |
| 89 02 22 | 10 05 | 1633 78 | 1762 864 | 574 464 | 6 50 | 10 0 |
| 89 02 22 | 11 30 | 1633 71 | 1763 000 | 574 509 | 6 12 | 10 0 |
| 89 02 22 | 13 30 | 1633 80 | 1763 206 | 574 576 | 6 10 | 10 0 |
| 89 02 22 | 15 30 | 1633 71 | 1763 394 | 574 637 | 6 08 | 10 0 |
| 89 02 22 | 17 30 | 1633 55 | 1763 585 | 574 699 | 6 10 | 10 0 |
| 89 02 22 | 19 30 | 1633 46 | 1763 781 | 574 763 | 6 12 | 10 0 |
| 89 02 22 | 21 30 | 1633 53 | 1763 979 | 574 828 | 6 11 | 10 0 |
| 89 02 22 | 23 30 | 1633 38 | 1764 172 | 574 891 | 6 20 | 10 0 |
| 89 02 23 | 01 30 | 1633 53 | 1764 368 | 574 955 | 6 26 | 10 0 |
| 89 02 23 | 03 30 | 1633 55 | 1764 569 | 575 020 | 6 22 | 10 0 |
| 89 02 23 | 05 30 | 1633 59 | 1764 770 | 575 086 | 6 27 | 10 0 |
| 89 02 23 | 07 30 | 1633 63 | 1764 963 | 575 148 | 6 40 | 11 0 |
| 89 02 23 | 09 30 | 1633 55 | 1765 162 | 575 213 | 6 83 | 11 0 |
| 89 02 23 | 11 30 | 1633 71 | 1765 358 | 575 277 | 6 55 | 11 0 |
| 89 02 23 | 13 30 | 1633 67 | 1765 557 | 575 342 | 6 30 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 02 23 | 15 30 | 1633 59 | 1765 758 | 575 408 | 6 12 | 10 0 |
| 89 02 23 | 17 30 | 1633 76 | 1765 955 | 575 472 | 6 10 | 10 0 |
| 89 02 23 | 19 30 | 1633 71 | 1766 157 | 575 538 | 6 01 | 10 0 |
| 89 02 23 | 21 30 | 1633 63 | 1766 352 | 575 601 | 6 05 | 10 0 |
| 89 02 23 | 23 30 | 1633 71 | 1766 545 | 575 664 | 6 14 | 10 0 |
| 89 02 24 | 01 30 | 1633 65 | 1766 745 | 575 729 | 6 21 | 10 0 |
| 89 02 24 | 03 30 | 1633 80 | 1766 941 | 575 793 | 6 20 | 10 0 |
| 89 02 24 | 05 30 | 1633 84 | 1767 146 | 575 860 | 6 25 | 10 0 |
| 89 02 24 | 07 30 | 1633 80 | 1767 336 | 575 922 | 6 52 | 11 0 |
| 89 02 24 | 09 30 | 1633 88 | 1767 530 | 575 985 | 6 67 | 11 0 |
| 89 02 24 | 11 30 | 1633 71 | 1767 728 | 576 050 | 6 49 | 11 0 |
| 89 02 24 | 13 30 | 1633 80 | 1767 925 | 576 114 | 6 18 | 11 0 |
| 89 02 24 | 15 30 | 1633 80 | 1768 128 | 576 180 | 6 11 | 11 0 |
| 89 02 24 | 17 30 | 1633 80 | 1768 325 | 576 244 | 6 24 | 11 0 |
| 89 02 24 | 19 30 | 1633 84 | 1768 522 | 576 308 | 6 26 | 11 0 |
| 89 02 24 | 21 30 | 1633 80 | 1768 718 | 576 372 | 6 23 | 11 0 |
| 89 02 24 | 23 30 | 1633 80 | 1768 917 | 576 437 | 6 26 | 10 0 |
| 89 02 25 | 01 30 | 1633 84 | 1769 116 | 576 502 | 6 20 | 10 0 |
| 89 02 25 | 03 30 | 1633 76 | 1769 313 | 576 566 | 6 20 | 10 0 |
| 89 02 25 | 05 30 | 1633 76 | 1769 510 | 576 630 | 6 22 | 10 0 |
| 89 02 25 | 07 30 | 1633 84 | 1769 702 | 576 693 | 6 07 | 11 0 |
| 89 02 25 | 09 30 | 1634 05 | 1769 901 | 576 758 | 6 24 | 11 0 |
| 89 02 25 | 11 30 | 1633 88 | 1770 096 | 576 821 | 6 49 | 11 0 |
| 89 02 25 | 13 30 | 1633 80 | 1770 292 | 576 885 | 6 33 | 11 0 |
| 89 02 25 | 15 30 | 1633 88 | 1770 489 | 576 949 | 6 59 | 11 0 |
| 89 02 25 | 17 30 | 1633 80 | 1770 688 | 577 014 | 6 63 | 11 0 |
| 89 02 25 | 19 30 | 1633 84 | 1770 888 | 577 079 | 6 59 | 11 0 |
| 89 02 25 | 21 30 | 1633 78 | 1771 081 | 577 142 | 6 59 | 11 0 |
| 89 02 25 | 23 30 | 1633 80 | 1771 281 | 577 207 | 6 33 | 11 0 |
| 89 02 26 | 01 30 | 1633 80 | 1771 482 | 577 273 | 6 37 | 11 0 |
| 89 02 26 | 03 30 | 1633 82 | 1771 683 | 577 338 | 6 24 | 11 0 |
| 89 02 26 | 05 30 | 1633 80 | 1771 885 | 577 404 | 6 31 | 11 0 |
| 89 02 26 | 07 30 | 1633 96 | 1772 068 | 577 464 | 6 30 | 11 0 |
| 89 02 26 | 09 30 | 1633 88 | 1772 267 | 577 529 | 6 36 | 11 0 |
| 89 02 26 | 11 30 | 1633 80 | 1772 470 | 577 595 | 6 33 | 11 0 |
| 89 02 26 | 13 30 | 1633 71 | 1772 658 | 577 656 | 6 44 | 11 0 |
| 89 02 26 | 15 30 | 1633 67 | 1772 865 | 577 724 | 6 52 | 11 0 |
| 89 02 26 | 17 30 | 1633 76 | 1773 067 | 577 789 | 6 50 | 11 0 |
| 89 02 26 | 19 30 | 1633 84 | 1773 258 | 577 852 | 6 51 | 11 0 |
| 89 02 26 | 21 30 | 1633 80 | 1773 461 | 577 918 | 6 53 | 11 0 |
| 89 02 26 | 23 30 | 1633 86 | 1773 659 | 577 982 | 6 50 | 11 0 |
| 89 02 27 | 01 30 | 1633 82 | 1773 856 | 578 046 | 6 43 | 11 0 |
| 89 02 27 | 03 30 | 1633 86 | 1774 066 | 578 115 | 6 42 | 11 0 |
| 89 02 27 | 05 30 | 1633 98 | 1774 254 | 578 176 | 6 39 | 11 0 |
| 89 02 27 | 07 30 | 1634 07 | 1774 447 | 578 239 | 5 90 | 11 0 |
| 89 02 27 | 09 30 | 1634 01 | 1774 646 | 578 304 | 6 10 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 03 09 | 14 35 | 1633 30 | 1792 536 | 584 134 | 6 45 | 11 0 |
| 89 03 09 | 16 35 | 1635 05 | 1792 758 | 584 206 | 6 20 | 11 0 |
| 89 03 09 | 18 35 | 1635 26 | 1792 933 | 584 263 | 6 24 | 11 0 |
| 89 03 09 | 20 35 | 1635 26 | 1793 103 | 584 318 | 6 28 | 11 0 |
| 89 03 09 | 22 35 | 1635 17 | 1793 271 | 584 373 | 6 24 | 11 0 |
| 89 03 10 | 00 35 | 1636 21 | 1793 442 | 584 429 | 6 29 | 11 0 |
| 89 03 10 | 02 35 | 1632 26 | 1793 654 | 584 498 | 6 26 | 11 0 |
| 89 03 10 | 04 35 | 1632 19 | 1793 867 | 584 567 | 6 33 | 11 0 |
| 89 03 10 | 06 35 | 1632 23 | 1794 082 | 584 638 | 6 28 | 11 0 |
| 89 03 10 | 08 30 | 1632 17 | 1794 291 | 584 706 | 6 30 | 11 0 |
| 89 03 10 | 10 30 | 1632 13 | 1794 498 | 584 773 | 6 29 | 11 0 |
| 89 03 10 | 12 30 | 1632 13 | 1794 738 | 584 851 | 6 60 | 11 0 |
| 89 03 10 | 14 30 | 1632 17 | 1794 929 | 584 914 | 6 39 | 11 0 |
| 89 03 10 | 16 30 | 1632 26 | 1795 144 | 584 984 | 6 26 | 11 0 |
| 89 03 10 | 18 30 | 1632 30 | 1795 357 | 585 053 | 6 21 | 11 0 |
| 89 03 10 | 20 30 | 1632 26 | 1795 572 | 585 123 | 5 98 | 11 0 |
| 89 03 10 | 22 30 | 1632 19 | 1795 784 | 585 192 | 6 05 | 11 0 |
| 89 03 11 | 00 30 | 1632 17 | 1796 003 | 585 263 | 6 15 | 11 0 |
| 89 03 11 | 02 30 | 1632 21 | 1796 215 | 585 333 | 6 10 | 11 0 |
| 89 03 11 | 04 30 | 1632 15 | 1796 431 | 585 403 | 6 16 | 11 0 |
| 89 03 11 | 06 30 | 1632 17 | 1796 644 | 585 472 | 6 09 | 11 0 |
| 89 03 11 | 08 30 | 1632 05 | 1796 856 | 585 541 | 6 43 | 11 0 |
| 89 03 11 | 10 30 | 1632 21 | 1797 068 | 585 611 | 6 59 | 11 0 |
| 89 03 11 | 12 30 | 1632 13 | 1797 280 | 585 680 | 6 92 | 11 0 |
| 89 03 11 | 14 30 | 1632 05 | 1797 498 | 585 751 | 6 76 | 11 0 |
| 89 03 11 | 16 30 | 1632 13 | 1797 709 | 585 819 | 5 80 | 11 0 |
| 89 03 11 | 18 30 | 1632 13 | 1797 924 | 585 889 | 6 04 | 11 0 |
| 89 03 11 | 20 30 | 1632 09 | 1798 143 | 585 961 | 6 18 | 11 0 |
| 89 03 11 | 22 30 | 1632 17 | 1798 354 | 586 030 | 6 33 | 11 0 |
| 89 03 12 | 00 30 | 1632 11 | 1798 572 | 586 101 | 6 23 | 11 0 |
| 89 03 12 | 02 30 | 1632 15 | 1798 788 | 586 171 | 6 25 | 11 0 |
| 89 03 12 | 04 30 | 1632 13 | 1799 003 | 586 241 | 6 29 | 11 0 |
| 89 03 12 | 06 30 | 1632 17 | 1799 220 | 586 312 | 6 35 | 11 0 |
| 89 03 12 | 07 30 | 1632 17 | 1799 327 | 586 347 | 6 42 | 11 0 |
| 89 03 12 | 09 30 | 1632 13 | 1799 546 | 586 418 | 6 23 | 11 0 |
| 89 03 12 | 11 30 | 1632 21 | 1799 758 | 586 487 | 6 25 | 11 0 |
| 89 03 12 | 13 30 | 1632 21 | 1799 976 | 586 558 | 6 21 | 11 0 |
| 89 03 12 | 15 30 | 1632 34 | 1800 191 | 586 628 | 6 25 | 11 0 |
| 89 03 12 | 17 30 | 1632 30 | 1800 406 | 586 698 | 6 18 | 11 0 |
| 89 03 12 | 19 30 | 1632 26 | 1800 619 | 586 768 | 6 24 | 11 0 |
| 89 03 12 | 21 30 | 1632 26 | 1800 834 | 586 838 | 6 35 | 11 0 |
| 89 03 13 | 00 30 | 1632 19 | 1801 150 | 586 941 | 6 08 | 11 0 |
| 89 03 13 | 02 30 | 1632 34 | 1801 364 | 587 010 | 6 21 | 11 0 |
| 89 03 13 | 04 30 | 1632 28 | 1801 578 | 587 080 | 6 19 | 11 0 |
| 89 03 13 | 04 45 | 1632 23 | 1801 607 | 587 090 | 6 23 | 11 0 |
| 89 03 13 | 13 45 | 1633 67 | 1801 607 | 587 090 | 6 61 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 03 13 | 15 45 | 1633 34 | 1801 827 | 587 161 | 6 42 | 11 0 |
| 89 03 13 | 17 45 | 1633 34 | 1802 029 | 587 227 | 6 31 | 11 0 |
| 89 03 13 | 19 45 | 1633 38 | 1802 222 | 587 290 | 6 29 | 11 0 |
| 89 03 13 | 21 45 | 1633 32 | 1802 424 | 587 356 | 6 27 | 11 0 |
| 89 03 13 | 23 45 | 1633 15 | 1802 628 | 587 422 | 6 31 | 11 0 |
| 89 03 14 | 01 45 | 1633 69 | 1802 828 | 587 488 | 6 28 | 11 0 |
| 89 03 14 | 03 45 | 1633 78 | 1803 029 | 587 553 | 6 35 | 11 0 |
| 89 03 14 | 05 45 | 1633 88 | 1803 233 | 587 620 | 6 33 | 11 0 |
| 89 03 14 | 07 45 | 1633 80 | 1803 437 | 587 686 | 6 42 | 11 0 |
| 89 03 14 | 09 45 | 1633 88 | 1803 633 | 587 750 | 6 78 | 11 0 |
| 89 03 14 | 11 45 | 1634 05 | 1803 834 | 587 815 | 6 49 | 11 0 |
| 89 03 14 | 13 45 | 1633 71 | 1804 036 | 587 881 | 6 86 | 11 0 |
| 89 03 14 | 16 00 | 1633 82 | 1804 264 | 587 956 | 6 32 | 11 0 |
| 89 03 14 | 16 30 | 1633 76 | 1804 315 | 587 972 | | 11 0 |
| 89 03 15 | 10 00 | 1634 80 | 1804 315 | 587 972 | 5 97 | 11 0 |
| 89 03 15 | 11 30 | 1634 21 | 1804 457 | 588 018 | 6 27 | 11 0 |
| 89 03 15 | 13 30 | 1634 05 | 1804 649 | 588 081 | 6 33 | 11 0 |
| 89 03 15 | 15 30 | 1633 21 | 1804 847 | 588 145 | 6 36 | 11 0 |
| 89 03 15 | 17 30 | 1633 01 | 1805 051 | 588 212 | 6 42 | 11 0 |
| 89 03 15 | 19 30 | 1632 80 | 1805 253 | 588 278 | 6 34 | 11 0 |
| 89 03 15 | 21 30 | 1632 71 | 1805 467 | 588 348 | 6 41 | 11 0 |
| 89 03 15 | 23 30 | 1632 76 | 1805 669 | 588 413 | 6 10 | 11 0 |
| 89 03 16 | 01 30 | 1632 86 | 1805 879 | 588 482 | 6 17 | 11 0 |
| 89 03 16 | 03 30 | 1632 80 | 1806 083 | 588 548 | 6 11 | 11 0 |
| 89 03 16 | 05 30 | 1632 84 | 1806 281 | 588 613 | 6 19 | 11 0 |
| 89 03 16 | 07 30 | 1632 71 | 1806 491 | 588 681 | 6 47 | 11 0 |
| 89 03 16 | 09 30 | 1632 63 | 1806 698 | 588 749 | 6 28 | 11 0 |
| 89 03 16 | 11 30 | 1632 71 | 1806 904 | 588 816 | 6 39 | 11 0 |
| 89 03 16 | 13 30 | 1632 80 | 1807 109 | 588 883 | 6 55 | 11 0 |
| 89 03 16 | 15 45 | 1632 71 | 1807 341 | 588 958 | 6 33 | 11 0 |
| 89 03 16 | 17 45 | 1632 84 | 1807 547 | 589 025 | 6 37 | 11 0 |
| 89 03 16 | 19 45 | 1632 69 | 1807 752 | 589 092 | 6 34 | 11 0 |
| 89 03 16 | 21 45 | 1632 80 | 1807 958 | 589 159 | 6 42 | 11 0 |
| 89 03 16 | 23 45 | 1632 78 | 1808 168 | 589 228 | 6 18 | 11 0 |
| 89 03 17 | 01 45 | 1632 80 | 1808 369 | 589 293 | 6 24 | 11 0 |
| 89 03 17 | 03 45 | 1632 76 | 1808 568 | 589 358 | 6 28 | 11 0 |
| 89 03 17 | 05 45 | 1632 80 | 1808 787 | 589 429 | 6 30 | 11 0 |
| 89 03 17 | 07 45 | 1632 88 | 1808 986 | 589 494 | 5 85 | 11 0 |
| 89 03 17 | 09 45 | 1632 71 | 1809 192 | 589 561 | 6 00 | 11 0 |
| 89 03 17 | 11 45 | 1632 80 | 1809 397 | 589 628 | 6 44 | 11 0 |
| 89 03 17 | 13 45 | 1632 80 | 1809 605 | 589 696 | 6 28 | 11 0 |
| 89 03 17 | 15 45 | 1632 71 | 1809 763 | 589 747 | 6 45 | 11 0 |
| 89 03 17 | 17 45 | 1632 78 | 1810 019 | 589 831 | 6 24 | 11 0 |
| 89 03 17 | 19 45 | 1632 67 | 1810 226 | 589 898 | 6 14 | 11 0 |
| 89 03 17 | 21 45 | 1632 69 | 1810 433 | 589 966 | 6 12 | 11 0 |
| 89 03 17 | 23 45 | 1632 76 | 1810 644 | 590 035 | 6 27 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 02 27 | 11 30 | 1634 05 | 1774 846 | 578 369 | 6 32 | 11 0 |
| 89 02 27 | 13 30 | 1634 17 | 1775 044 | 578 434 | 6 29 | 11 0 |
| 89 02 27 | 15 30 | 1634 05 | 1775 242 | 578 498 | 6 13 | 11 0 |
| 89 02 27 | 17 30 | 1633 96 | 1775 444 | 578 564 | 6 12 | 11 0 |
| 89 02 27 | 19 30 | 1633 88 | 1775 641 | 578 628 | 6 13 | 11 0 |
| 89 02 27 | 21 30 | 1633 96 | 1775 934 | 578 724 | 6 20 | 11 0 |
| 89 02 27 | 23 30 | 1634 03 | 1776 023 | 578 753 | 6 22 | 11 0 |
| 89 02 28 | 01 30 | 1633 92 | 1776 223 | 578 818 | 6 32 | 11 0 |
| 89 02 28 | 03 30 | 1633 96 | 1776 427 | 578 884 | 6 33 | 11 0 |
| 89 02 28 | 05 30 | 1633 94 | 1776 618 | 578 947 | 6 27 | 11 0 |
| 89 02 28 | 07 30 | 1634 05 | 1776 816 | 579 011 | 6 24 | 11 0 |
| 89 02 28 | 09 30 | 1633 92 | 1777 011 | 579 075 | 5 95 | 11 0 |
| 89 02 28 | 11 30 | 1633 80 | 1777 210 | 579 139 | 6 21 | 11 0 |
| 89 02 28 | 13 30 | 1633 84 | 1777 407 | 579 204 | 6 18 | 11 0 |
| 89 02 28 | 15 30 | 1633 88 | 1777 613 | 579 271 | 6 19 | 11 0 |
| 89 02 28 | 17 30 | 1633 84 | 1777 805 | 579 333 | 6 20 | 11 0 |
| 89 02 28 | 19 30 | 1633 92 | 1778 001 | 579 397 | 6 19 | 11 0 |
| 89 02 28 | 21 30 | 1633 80 | 1778 198 | 579 461 | 6 20 | 11 0 |
| 89 02 28 | 23 30 | 1634 05 | 1778 393 | 579 525 | 6 23 | 11 0 |
| 89 03 01 | 01 30 | 1633 96 | 1778 586 | 579 588 | 6 18 | 11 0 |
| 89 03 01 | 03 30 | 1634 01 | 1778 784 | 579 652 | 6 21 | 11 0 |
| 89 03 01 | 05 30 | 1633 94 | 1778 979 | 579 716 | 6 24 | 11 0 |
| 89 03 01 | 07 30 | 1633 88 | 1779 176 | 579 780 | 5 84 | 11 0 |
| 89 03 01 | 09 30 | 1633 96 | 1779 370 | 579 843 | 5 95 | 11 0 |
| 89 03 01 | 11 30 | 1633 92 | 1779 573 | 579 909 | 5 96 | 11 0 |
| 89 03 01 | 13 30 | 1633 88 | 1779 766 | 579 972 | 6 50 | 11 0 |
| 89 03 01 | 15 45 | 1634 07 | 1779 986 | 580 044 | 6 22 | 11 0 |
| 89 03 01 | 17 45 | 1633 98 | 1780 180 | 580 107 | 6 18 | 11 0 |
| 89 03 01 | 19 45 | 1634 11 | 1780 375 | 580 171 | 6 20 | 11 0 |
| 89 03 01 | 21 45 | 1634 09 | 1780 568 | 580 234 | 6 24 | 11 0 |
| 89 03 01 | 23 45 | 1634 05 | 1780 745 | 580 291 | 6 22 | 11 0 |
| 89 03 02 | 01 45 | 1634 09 | 1780 925 | 580 350 | 6 30 | 11 0 |
| 89 03 02 | 03 45 | 1634 07 | 1781 152 | 580 424 | 6 36 | 11 0 |
| 89 03 02 | 05 45 | 1634 17 | 1781 343 | 580 486 | 6 34 | 11 0 |
| 89 03 02 | 07 45 | 1633 92 | 1781 533 | 580 548 | 6 30 | 11 0 |
| 89 03 02 | 09 45 | 1634 05 | 1781 728 | 580 612 | 5 70 | 11 0 |
| 89 03 02 | 11 45 | 1634 05 | 1781 922 | 580 675 | 5 64 | 11 0 |
| 89 03 02 | 13 45 | 1634 13 | 1782 115 | 580 738 | 5 81 | 11 0 |
| 89 03 02 | 17 45 | 1634 26 | 1782 506 | 580 865 | 6 22 | 11 0 |
| 89 03 02 | 19 45 | 1634 21 | 1782 692 | 580 926 | 6 28 | 11 0 |
| 89 03 02 | 21 25 | 1634 17 | 1782 852 | 580 978 | 6 27 | 11 0 |
| 89 03 02 | 22 00 | 1646 17 | 1782 852 | 580 978 | 6 28 | 11 0 |
| 89 03 03 | 00 45 | 1633 86 | 1783 069 | 581 049 | 6 18 | 11 0 |
| 89 03 03 | 02 15 | 1633 98 | 1783 264 | 581 112 | 6 21 | 11 0 |
| 89 03 03 | 04 15 | 1633 92 | 1783 457 | 581 175 | 6 23 | 11 0 |
| 89 03 03 | 06 15 | 1633 98 | 1783 654 | 581 239 | 6 27 | 11 0 |

# Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 03 03 | 08 15 | 1633 96 | 1783 845 | 581 302 | 6 84 | 11 0 |
| 89 03 03 | 10 15 | 1634 01 | 1784 042 | 581 366 | 5 94 | 11 0 |
| 89 03 03 | 12 25 | 1633 96 | 1784 239 | 581 430 | 6 21 | 11 0 |
| 89 03 03 | 14 15 | 1633 98 | 1784 436 | 581 494 | 6 24 | 11 0 |
| 89 03 06 | 05 30 | 1647 15 | 1784 490 | 581 512 | 5 86 | 11 0 |
| 89 03 06 | 07 30 | 1633 46 | 1784 684 | 581 575 | 6 06 | 11 0 |
| 89 03 06 | 09 30 | 1633 46 | 1784 883 | 581 640 | 6 17 | 11 0 |
| 89 03 06 | 11 30 | 1633 34 | 1785 078 | 581 703 | 6 02 | 11 0 |
| 89 03 06 | 13 30 | 1633 42 | 1785 278 | 581 769 | 6 39 | 11 0 |
| 89 03 06 | 15 30 | 1633 21 | 1785 489 | 581 837 | 6 19 | 11 0 |
| 89 03 06 | 17 30 | 1633 19 | 1785 688 | 581 902 | 6 13 | 11 0 |
| 89 03 06 | 19 30 | 1633 11 | 1785 890 | 581 968 | 6 09 | 11 0 |
| 89 03 06 | 21 30 | 1633 09 | 1786 091 | 582 033 | 6 19 | 11 0 |
| 89 03 06 | 23 30 | 1633 21 | 1786 289 | 582 098 | 6 07 | 11 0 |
| 89 03 07 | 01 30 | 1632 96 | 1786 489 | 582 163 | 6 06 | 11 0 |
| 89 03 07 | 03 30 | 1633 15 | 1786 693 | 582 230 | 6 03 | 11 0 |
| 89 03 07 | 05 30 | 1633 07 | 1786 898 | 582 296 | 6 09 | 11 0 |
| 89 03 07 | 07 30 | 1632 84 | 1787 093 | 582 360 | 6 32 | 11 0 |
| 89 03 07 | 09 30 | 1633 21 | 1787 294 | 582 425 | 5 97 | 11 0 |
| 89 03 07 | 11 30 | 1633 13 | 1787 495 | 582 491 | 6 14 | 11 0 |
| 89 03 07 | 13 30 | 1633 05 | 1787 695 | 582 556 | 6 51 | 11 0 |
| 89 03 07 | 15 30 | 1633 19 | 1787 899 | 582 623 | 6 80 | 11 0 |
| 89 03 07 | 17 30 | 1633 30 | 1788 099 | 582 688 | 6 31 | 11 0 |
| 89 03 07 | 19 30 | 1633 21 | 1788 299 | 582 753 | 6 28 | 11 0 |
| 89 03 07 | 21 30 | 1633 23 | 1788 499 | 582 818 | 6 37 | 11 0 |
| 89 03 07 | 23 30 | 1633 07 | 1788 704 | 582 885 | 6 13 | 11 0 |
| 89 03 08 | 01 30 | 1633 15 | 1788 907 | 582 951 | 6 15 | 11 0 |
| 89 03 08 | 03 30 | 1633 05 | 1789 104 | 583 015 | 6 18 | 11 0 |
| 89 03 08 | 05 30 | 1633 17 | 1789 308 | 583 082 | 6 24 | 11 0 |
| 89 03 08 | 07 30 | 1633 05 | 1789 501 | 583 145 | 6 09 | 11 0 |
| 89 03 08 | 09 30 | 1633 13 | 1789 701 | 583 210 | 6 34 | 11 0 |
| 89 03 08 | 11 30 | 1633 09 | 1789 901 | 583 275 | 6 48 | 11 0 |
| 89 03 08 | 13 30 | 1633 05 | 1790 113 | 583 344 | 6 21 | 11 0 |
| 89 03 08 | 15 30 | 1633 17 | 1790 314 | 583 410 | 5 96 | 11 0 |
| 89 03 08 | 17 30 | 1633 17 | 1790 517 | 583 476 | 6 21 | 11 0 |
| 89 03 08 | 19 30 | 1633 05 | 1790 718 | 583 541 | 6 29 | 11 0 |
| 89 03 08 | 21 30 | 1633 09 | 1790 919 | 583 607 | 6 23 | 11 0 |
| 89 03 08 | 23 30 | 1632 96 | 1791 118 | 583 672 | 6 22 | 11 0 |
| 89 03 09 | 01 30 | 1633 03 | 1791 319 | 583 737 | 6 24 | 11 0 |
| 89 03 09 | 03 30 | 1633 15 | 1791 517 | 583 802 | 6 18 | 11 0 |
| 89 03 09 | 03 50 | 1633 30 | 1791 718 | 583 867 | 6 25 | 11 0 |
| 89 03 09 | 07 30 | 1633 13 | 1791 921 | 583 933 | 6 12 | 11 0 |
| 89 03 09 | 09 30 | 1633 05 | 1792 120 | 583 998 | 6 45 | 11 0 |
| 89 03 09 | 11 30 | 1633 30 | 1792 324 | 584 065 | 6 81 | 11 0 |
| 89 03 09 | 13 30 | 1633 30 | 1792 528 | 584 131 | 6 81 | 11 0 |
| 89 03 09 | 13 40 | | 1792 536 | 584 134 | | |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 03 18 | 01 45 | 1632 71 | 1810 856 | 590 104 | 6 30 | 11 0 |
| 89 03 18 | 03 45 | 1632 69 | 1811 059 | 590 170 | 6 26 | 11 0 |
| 89 03 18 | 05 45 | 1632 73 | 1811 266 | 590 237 | 6 29 | 11 0 |
| 89 03 18 | 07 45 | 1632 71 | 1811 464 | 590 302 | 6 27 | 11 0 |
| 89 03 18 | 09 45 | 1632 63 | 1811 669 | 590 369 | 6 42 | 11 0 |
| 89 03 18 | 11 45 | 1632 67 | 1811 875 | 590 436 | 6 31 | 11 0 |
| 89 03 18 | 13 45 | 1632 76 | 1812 081 | 590 503 | 6 60 | 11 0 |
| 89 03 18 | 15 45 | 1632 88 | 1812 285 | 590 569 | 6 72 | 11 0 |
| 89 03 18 | 17 45 | 1632 71 | 1812 488 | 590 635 | 6 56 | 11 0 |
| 89 03 18 | 19 45 | 1632 84 | 1812 695 | 590 703 | 6 49 | 11 0 |
| 89 03 18 | 21 45 | 1632 80 | 1812 904 | 590 771 | 6 23 | 11 0 |
| 89 03 18 | 23 45 | 1632 86 | 1813 112 | 590 839 | 6 25 | 11 0 |
| 89 03 19 | 01 45 | 1632 84 | 1813 319 | 590 906 | 6 21 | 11 0 |
| 89 03 19 | 03 45 | 1632 78 | 1813 524 | 590 973 | 6 28 | 11 0 |
| 89 03 19 | 05 45 | 1632 82 | 1813 731 | 591 041 | 6 31 | 11 0 |
| 89 03 19 | 07 45 | 1632 96 | 1813 940 | 591 109 | 6 36 | 11 0 |
| 89 03 19 | 09 45 | 1632 88 | 1814 148 | 591 176 | 6 30 | 11 0 |
| 89 03 19 | 11 45 | 1633 01 | 1814 348 | 591 242 | 6 30 | 11 0 |
| 89 03 19 | 13 45 | 1632 96 | 1814 558 | 591 310 | 6 38 | 11 0 |
| 89 03 19 | 15 45 | 1633 09 | 1814 763 | 591 377 | 5 92 | 11 0 |
| 89 03 19 | 17 45 | 1632 96 | 1814 967 | 591 443 | 6 12 | 11 0 |
| 89 03 19 | 19 45 | 1633 01 | 1815 174 | 591 511 | 6 21 | 11 0 |
| 89 03 19 | 21 45 | 1632 92 | 1815 381 | 591 578 | 6 26 | 11 0 |
| 89 03 19 | 23 45 | 1633 03 | 1815 589 | 591 646 | 6 21 | 11 0 |
| 89 03 20 | 01 45 | 1632 92 | 1815 793 | 591 712 | 6 26 | 11 0 |
| 89 03 20 | 03 45 | 1632 98 | 1815 999 | 591 780 | 6 28 | 11 0 |
| 89 03 20 | 05 45 | 1632 94 | 1816 205 | 591 847 | 6 32 | 11 0 |
| 89 03 20 | 07 45 | 1632 88 | 1816 411 | 591 914 | 6 26 | 11 0 |
| 89 03 20 | 09 45 | 1632 80 | 1816 579 | 591 969 | 6 25 | 11 0 |
| 89 03 20 | 11 45 | 1632 76 | 1816 826 | 592 049 | 6 60 | 11 0 |
| 89 03 20 | 13 45 | 1632 88 | 1817 032 | 592 116 | 6 60 | 11 0 |
| 89 03 20 | 15 45 | 1632 84 | 1817 234 | 592 182 | 6 24 | 11 0 |
| 89 03 20 | 17 45 | 1632 90 | 1817 441 | 592 249 | 6 36 | 11 0 |
| 89 03 20 | 19 45 | 1632 84 | 1817 652 | 592 318 | 6 46 | 11 0 |
| 89 03 20 | 21 45 | 1632 80 | 1817 858 | 592 385 | 6 45 | 11 0 |
| 89 03 20 | 23 45 | 1632 88 | 1818 063 | 592 452 | 6 18 | 11 0 |
| 89 03 21 | 01 45 | 1632 84 | 1818 269 | 592 519 | 6 23 | 11 0 |
| 89 03 21 | 03 45 | 1632 76 | 1818 476 | 592 587 | 6 25 | 11 0 |
| 89 03 21 | 05 45 | 1632 88 | 1818 681 | 592 654 | 6 29 | 11 0 |
| 89 03 21 | 07 45 | 1632 96 | 1818 884 | 592 720 | 6 24 | 11 0 |
| 89 03 21 | 09 45 | 1633 13 | 1819 089 | 592 787 | 6 19 | 11 0 |
| 89 03 21 | 11 45 | 1635 09 | 1819 293 | 592 853 | 6 21 | 11 0 |
| 89 03 21 | 13 45 | 1635 21 | 1819 464 | 592 909 | 6 32 | 11 0 |
| 89 03 21 | 15 45 | 1635 17 | 1819 636 | 592 965 | 6 33 | 11 0 |
| 89 03 21 | 17 45 | 1635 30 | 1819 807 | 593 021 | 6 36 | 11 0 |
| 89 03 21 | 19 45 | 1635 26 | 1819 980 | 593 077 | 6 52 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 03 21 | 21 45 | 1635 21 | 1820 150 | 593 132 | 6 56 | 11 0 |
| 89 03 21 | 23 45 | 1635 26 | 1820 327 | 593 190 | 6 32 | 11 0 |
| 89 03 22 | 01 45 | 1633 80 | 1820 521 | 593 253 | 6 35 | 11 0 |
| 89 03 22 | 03 45 | 1633 92 | 1820 717 | 593 317 | 6 37 | 11 0 |
| 89 03 22 | 05 45 | 1633 86 | 1820 910 | 593 380 | 6 42 | 11 0 |
| 89 03 22 | 07 45 | 1634 01 | 1821 107 | 593 444 | 6 22 | 11 0 |
| 89 03 22 | 09 45 | 1633 96 | 1821 300 | 593 507 | 6 68 | 11 0 |
| 89 03 22 | 11 45 | 1633 96 | 1821 490 | 593 569 | 6 42 | 11 0 |
| 89 03 22 | 13 45 | 1634 01 | 1821 696 | 593 636 | 6 34 | 11 0 |
| 89 03 22 | 15 45 | 1633 88 | 1821 873 | 593 694 | 6 42 | 11 0 |
| 89 03 22 | 17 45 | 1633 96 | 1822 066 | 593 757 | 6 51 | 11 0 |
| 89 03 22 | 19 45 | 1633 84 | 1822 260 | 593 820 | 6 22 | 11 0 |
| 89 03 22 | 21 45 | 1633 92 | 1822 454 | 593 883 | 6 38 | 11 0 |
| 89 03 22 | 23 45 | 1634 01 | 1822 649 | 593 947 | 5 60 | 11 0 |
| 89 03 23 | 01 45 | 1633 88 | 1822 843 | 594 010 | 6 30 | 11 0 |
| 89 03 23 | 03 45 | 1633 86 | 1823 035 | 594 072 | 6 33 | 11 0 |
| 89 03 27 | 00 30 | 1646 78 | 1823 221 | 594 133 | 6 12 | 12 0 |
| 89 03 27 | 02 30 | 1634 42 | 1823 426 | 594 200 | 6 31 | 12 0 |
| 89 03 27 | 04 30 | 1634 11 | 1823 633 | 594 267 | 6 29 | 12 0 |
| 89 03 27 | 06 30 | 1634 03 | 1823 837 | 594 334 | 6 31 | 12 0 |
| 89 03 27 | 08 30 | 1633 96 | 1824 041 | 594 400 | 6 35 | 11 0 |
| 89 03 27 | 09 30 | 1633 96 | 1824 123 | 594 427 | 6 21 | 11 0 |
| 89 04 14 | 19 15 | 1646 05 | 1824 123 | 594 427 | 7 20 | 11 0 |
| 89 04 14 | 21 15 | 1634 30 | 1824 327 | 594 493 | 6 71 | 11 0 |
| 89 04 14 | 23 15 | 1634 05 | 1824 540 | 594 563 | 6 48 | 11 0 |
| 89 04 15 | 01 15 | 1633 96 | 1824 743 | 594 629 | 6 33 | 11 0 |
| 89 04 15 | 03 15 | 1634 01 | 1824 948 | 594 696 | 6 36 | 11 0 |
| 89 04 15 | 05 15 | 1633 94 | 1825 154 | 594 763 | 6 37 | 11 0 |
| 89 04 15 | 07 15 | 1633 84 | 1825 360 | 594 830 | 6 36 | 11 0 |
| 89 04 15 | 09 15 | 1633 88 | 1825 565 | 594 897 | 6 22 | 11 0 |
| 89 04 15 | 11 15 | 1633 88 | 1825 772 | 594 964 | 6 67 | 11 0 |
| 89 04 15 | 13 15 | 1633 92 | 1825 979 | 595 032 | 6 55 | 11 0 |
| 89 04 15 | 15 15 | 1633 88 | 1826 192 | 595 101 | 6 66 | 11 0 |
| 89 04 15 | 17 15 | 1633 84 | 1826 378 | 595 162 | 6 65 | 11 0 |
| 89 04 15 | 19 15 | 1633 88 | 1826 605 | 595 236 | 6 69 | 11 0 |
| 89 04 15 | 21 15 | 1633 92 | 1826 841 | 595 313 | 6 65 | 11 0 |
| 89 04 15 | 23 15 | 1633 90 | 1827 008 | 595 367 | 6 44 | 11 0 |
| 89 04 16 | 01 15 | 1633 92 | 1827 215 | 595 435 | 6 30 | 11 0 |
| 89 04 16 | 03 15 | 1634 01 | 1827 421 | 595 502 | 6 31 | 11 0 |
| 89 04 16 | 05 15 | 1633 98 | 1827 628 | 595 569 | 6 26 | 11 0 |
| 89 04 16 | 07 15 | | 1827 860 | 595 645 | 6 18 | 11 0 |
| 89 04 16 | 09 15 | | 1828 048 | 595 706 | 6 24 | 11 0 |
| 89 04 16 | 11 15 | | 1828 277 | 595 781 | 6 40 | 11 0 |
| 89 04 16 | 13 15 | | 1828 523 | 595 861 | 6 42 | 11 0 |
| 89 04 16 | 15 15 | 1631 63 | 1828 761 | 595 938 | 6 45 | 12 0 |
| 89 04 16 | 17 15 | 1631 59 | 1828 985 | 596 011 | 6 40 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 04 16 | 19 15 | 1631 30 | 1829 233 | 596 092 | 6 36 | 11 0 |
| 89 04 16 | 21 15 | 1631 21 | 1829 475 | 596 171 | 6 35 | 11 0 |
| 89 04 16 | 23 15 | 1631 13 | 1829 717 | 596 250 | 6 13 | 11 0 |
| 89 04 17 | 01 15 | 1633 65 | 1829 922 | 596 317 | 6 10 | 10 0 |
| 89 04 17 | 03 15 | 1633 57 | 1830 123 | 596 382 | 6 15 | 10 0 |
| 89 04 17 | 05 15 | 1633 61 | 1830 327 | 596 449 | 6 01 | 10 0 |
| 89 04 17 | 07 15 | 1633 63 | 1830 525 | 596 513 | 6 17 | 10 0 |
| 89 04 17 | 09 15 | 1633 82 | 1830 715 | 596 575 | 6 59 | 10 0 |
| 89 04 17 | 11 15 | 1629 78 | 1830 967 | 596 657 | 6 94 | 11 0 |
| 89 04 17 | 13 15 | 1629 78 | 1831 213 | 596 737 | 7 12 | 11 0 |
| 89 04 17 | 13 50 | 1629 71 | 1831 304 | 596 767 | 6 13 | 10 0 |
| 89 04 17 | 14 45 | 1627 71 | 1831 311 | 596 769 | 6 14 | 11 0 |
| 89 04 17 | 16 30 | 1633 46 | 1831 547 | 596 846 | 6 08 | 11 0 |
| 89 04 17 | 18 30 | 1633 71 | 1831 756 | 596 914 | 6 31 | 11 0 |
| 89 04 17 | 20 30 | 1633 71 | 1831 960 | 596 981 | 6 30 | 11 0 |
| 89 04 17 | 22 30 | 1633 80 | 1832 155 | 597 044 | 6 29 | 11 0 |
| 89 04 18 | 00 30 | 1633 84 | 1832 361 | 597 111 | 6 28 | 11 0 |
| 89 04 18 | 02 30 | 1633 90 | 1832 565 | 597 178 | 6 12 | 11 0 |
| 89 04 18 | 04 30 | 1633 78 | 1832 770 | 597 245 | 6 06 | 11 0 |
| 89 04 18 | 06 30 | 1633 94 | 1832 974 | 597 311 | 6 10 | 11 0 |
| 89 04 18 | 08 30 | 1634 01 | 1833 171 | 597 375 | 5 69 | 11 0 |
| 89 04 18 | 10 30 | 1634 05 | 1833 375 | 597 442 | 5 80 | 11 0 |
| 89 04 18 | 12 30 | 1634 05 | 1833 577 | 597 508 | 6 50 | 11 0 |
| 89 04 18 | 13 45 | | 1833 703 | 597 549 | | |
| 89 04 18 | 14 40 | 1633 80 | 1833 703 | 597 549 | 6 61 | 11 0 |
| 89 04 18 | 16 30 | 1633 55 | 1833 894 | 597 611 | 6 63 | 11 0 |
| 89 04 18 | 18 30 | 1633 55 | 1834 098 | 597 678 | 6 66 | 11 0 |
| 89 04 18 | 20 30 | 1633 55 | 1834 303 | 597 744 | 6 28 | 11 0 |
| 89 04 18 | 22 30 | 1633 46 | 1834 512 | 597 812 | 6 20 | 11 0 |
| 89 04 19 | 00 30 | 1633 55 | 1834 718 | 597 880 | 6 26 | 11 0 |
| 89 04 19 | 02 30 | 1633 53 | 1834 923 | 597 946 | 6 21 | 11 0 |
| 89 04 19 | 04 30 | 1633 55 | 1835 129 | 598 013 | 6 21 | 11 0 |
| 89 04 19 | 06 30 | 1633 53 | 1835 334 | 598 080 | 6 24 | 11 0 |
| 89 04 19 | 08 30 | 1633 53 | 1835 532 | 598 145 | 6 24 | 11 0 |
| 89 04 19 | 10 30 | 1631 32 | 1835 751 | 598 216 | 6 27 | 11 0 |
| 89 04 19 | 12 30 | 1631 32 | 1835 996 | 598 296 | 6 59 | 11 0 |
| 89 04 19 | 14 30 | 1632 80 | 1836 220 | 598 369 | 6 62 | 11 0 |
| 89 04 19 | 16 00 | | 1836 387 | 598 423 | | |
| 89 04 19 | 18 40 | 1634 88 | 1836 387 | 598 423 | 6 28 | 11 0 |
| 89 04 19 | 20 30 | 1632 38 | 1836 590 | 598 490 | 6 28 | 11 0 |
| 89 04 19 | 22 30 | 1632 28 | 1836 813 | 598 562 | 6 27 | 11 0 |
| 89 04 20 | 00 30 | 1633 98 | 1837 036 | 598 635 | 6 11 | 12 0 |
| 89 04 20 | 02 30 | 1634 07 | 1837 235 | 598 700 | 6 06 | 12 0 |
| 89 04 20 | 04 30 | 1634 07 | 1837 434 | 598 765 | 6 08 | 12 0 |
| 89 04 20 | 06 30 | 1634 05 | 1837 633 | 598 829 | 6 07 | 12 0 |
| 89 04 20 | 08 30 | 1634 05 | 1837 832 | 598 894 | 6 47 | 11 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 04 20 | 10 30 | 1634 09 | 1838 030 | 598 959 | 6 17 | 11 0 |
| 89 04 20 | 12 30 | 1634 13 | 1838 228 | 599 023 | 6 18 | 11 0 |
| 89 04 20 | 14 30 | 1634 17 | 1838 425 | 599 088 | 6 20 | 11 0 |
| 89 04 20 | 16 30 | 1634 13 | 1838 621 | 599 151 | 6 11 | 11 0 |
| 89 04 20 | 18 30 | 1633 96 | 1838 825 | 599 218 | 6 15 | 11 0 |
| 89 04 20 | 20 30 | 1633 76 | 1839 016 | 599 280 | 6 11 | 11 0 |
| 89 04 20 | 22 30 | 1633 71 | 1839 223 | 599 348 | 6 12 | 11 0 |
| 89 04 21 | 00 30 | 1633 71 | 1839 413 | 599 410 | 6 11 | 11 0 |
| 89 04 21 | 03 30 | 1633 59 | 1839 621 | 599 477 | 6 11 | 11 0 |
| 89 04 21 | 04 30 | 1633 55 | 1839 810 | 599 539 | 6 11 | 11 0 |
| 89 04 21 | 06 30 | 1633 51 | 1840 009 | 599 604 | 6 08 | 11 0 |
| 89 04 21 | 08 30 | 1633 55 | 1840 206 | 599 668 | 6 45 | 11 0 |
| 89 04 21 | 10 30 | 1633 55 | 1840 403 | 599 732 | 6 42 | 11 0 |
| 89 04 21 | 12 30 | 1633 51 | 1840 601 | 599 797 | 6 53 | 11 0 |
| 89 04 21 | 14 00 | | 1840 743 | 599 843 | | |
| 89 04 21 | 17 00 | 1646 26 | 1840 743 | 599 843 | 6 06 | 11 0 |
| 89 04 21 | 18 30 | 1632 13 | 1840 912 | 599 898 | 6 10 | 11 0 |
| 89 04 21 | 20 30 | 1631 96 | 1841 137 | 599 971 | 6 05 | 11 0 |
| 89 04 21 | 22 30 | 1632 05 | 1841 353 | 600 042 | 6 06 | 11 0 |
| 89 04 22 | 00 30 | 1632 17 | 1841 579 | 600 115 | 6 06 | 11 0 |
| 89 04 22 | 02 30 | 1632 30 | 1841 801 | 600 188 | 6 09 | 11 0 |
| 89 04 22 | 04 30 | 1632 36 | 1842 023 | 600 260 | 6 10 | 11 0 |
| 89 04 22 | 06 30 | 1632 38 | 1842 244 | 600 332 | 5 96 | 11 0 |
| 89 04 22 | 08 30 | 1632 51 | 1842 461 | 600 403 | 6 21 | 11 0 |
| 89 04 22 | 10 30 | 1632 55 | 1842 682 | 600 475 | 6 18 | 11 0 |
| 89 04 22 | 12 30 | 1632 51 | 1842 903 | 600 547 | 6 19 | 11 0 |
| 89 04 22 | 14 30 | 1632 55 | 1843 123 | 600 618 | 6 31 | 11 0 |
| 89 04 22 | 16 30 | 1632 55 | 1843 339 | 600 689 | 6 22 | 11 0 |
| 89 04 22 | 18 30 | 1632 55 | 1843 564 | 600 762 | 6 19 | 11 0 |
| 89 04 22 | 20 30 | 1632 59 | 1843 783 | 600 834 | 6 20 | 11 0 |
| 89 04 22 | 22 30 | 1632 71 | 1843 997 | 600 903 | 6 22 | 11 0 |
| 89 04 23 | 00 30 | 1632 55 | 1844 221 | 600 976 | 5 88 | 12 0 |
| 89 04 23 | 02 30 | 1634 05 | 1844 421 | 601 041 | 5 98 | 12 0 |
| 89 04 23 | 04 30 | 1634 07 | 1844 621 | 601 107 | 6 06 | 12 0 |
| 89 04 23 | 06 30 | 1633 67 | 1844 822 | 601 172 | 6 08 | 12 0 |
| 89 04 23 | 08 30 | 1634 05 | 1845 017 | 601 236 | 6 12 | 11 0 |
| 89 04 23 | 10 30 | 1634 07 | 1845 221 | 601 302 | 6 18 | 11 0 |
| 89 04 23 | 12 30 | 1634 09 | 1845 420 | 601 367 | 6 34 | 11 0 |
| 89 04 23 | 14 30 | 1634 28 | 1845 619 | 601 432 | 6 25 | 11 0 |
| 89 04 23 | 16 30 | 1634 30 | 1845 814 | 601 495 | 6 25 | 11 0 |
| 89 04 23 | 18 30 | 1634 30 | 1846 012 | 601 560 | 6 20 | 11 0 |
| 89 04 23 | 20 30 | 1634 13 | 1846 214 | 601 626 | 6 12 | 11 0 |
| 89 04 23 | 22 30 | 1634 13 | 1846 412 | 601 690 | 6 16 | 11 0 |
| 89 04 24 | 00 30 | 1633 84 | 1846 614 | 601 756 | 6 04 | 12 0 |
| 89 04 24 | 02 30 | 1633 76 | 1846 815 | 601 822 | 6 08 | 12 0 |
| 89 04 24 | 04 30 | 1633 78 | 1847 017 | 601 887 | 6 12 | 12 0 |

# Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 04 24 | 06 30 | 1633 76 | 1847 217 | 601 953 | 6 00 | 12 0 |
| 89 04 24 | 08 30 | 1633 51 | 1847 410 | 602 015 | 6 19 | 12 0 |
| 89 05 02 | 08 00 | 1644 55 | 1847 413 | 602 016 | 5 63 | 12 0 |
| 89 05 02 | 10 00 | 1633 15 | 1847 616 | 602 083 | 5 64 | 12 0 |
| 89 05 02 | 12 00 | 1633 23 | 1847 824 | 602 150 | 6 51 | 12 0 |
| 89 05 02 | 14 00 | 1633 13 | 1848 015 | 602 213 | 6 83 | 12 0 |
| 89 05 02 | 16 00 | 1633 05 | 1848 220 | 602 279 | 6 33 | 12 0 |
| 89 05 02 | 18 00 | 1632 96 | 1848 420 | 602 345 | 6 40 | 12 0 |
| 89 05 09 | 08 20 | 1644 76 | 1848 616 | 602 408 | 5 35 | 11 0 |
| 89 05 09 | 10 20 | 1631 80 | 1848 814 | 602 473 | 6 15 | 11 0 |
| 89 05 09 | 12 35 | 1631 59 | 1849 040 | 602 547 | 6 37 | 11 0 |
| 89 05 09 | 14 35 | 1631 55 | 1849 237 | 602 611 | 6 60 | 11 0 |
| 89 05 09 | 16 30 | 1631 55 | 1849 428 | 602 673 | 6 14 | 12 0 |
| 89 05 09 | 18 30 | 1631 05 | 1849 626 | 602 738 | 6 10 | 12 0 |
| 89 05 14 | 12 00 | 1627 17 | | | 4 59 | 13 0 |
| 89 05 16 | 08 00 | 1641 48 | 1849 765 | 602 783 | 6 25 | 12 0 |
| 89 05 16 | 10 00 | 1626 76 | 1850 014 | 602 864 | 6 26 | 12 0 |
| 89 05 16 | 12 00 | 1626 82 | 1850 262 | 602 945 | 6 52 | 12 0 |
| 89 05 16 | 14 00 | 1626 84 | 1850 515 | 603 027 | 5 82 | 12 0 |
| 89 05 16 | 16 00 | 1629 84 | 1850 753 | 603 105 | 6 02 | 12 0 |
| 89 05 16 | 18 00 | 1630 05 | 1850 955 | 603 171 | 6 02 | 12 0 |
| 89 05 16 | 20 00 | 1630 17 | 1851 156 | 603 236 | 6 02 | 12 0 |
| 89 05 23 | 09 35 | 1642 13 | 1851 156 | 603 236 | 5 88 | 12 0 |
| 89 05 23 | 11 35 | 1630 30 | 1851 379 | 603 309 | 6 83 | 12 0 |
| 89 05 23 | 13 35 | 1630 63 | 1851 577 | 603 373 | 6 50 | 12 0 |
| 89 05 23 | 15 35 | 1630 71 | 1851 789 | 603 442 | 6 52 | 12 0 |
| 89 05 23 | 17 30 | | 1852 005 | 603 513 | 6 15 | 12 0 |
| 89 05 23 | 20 00 | 1630 88 | 1852 248 | 603 592 | 6 12 | 12 0 |
| 89 06 06 | 08 00 | 1632 26 | 1852 248 | 603 592 | 5 52 | 12 0 |
| 89 06 06 | 10 00 | 1630 88 | 1852 461 | 603 661 | 6 20 | 12 0 |
| 89 06 06 | 12 00 | 1631 05 | 1852 675 | 603 731 | 6 65 | 12 0 |
| 89 06 06 | 14 00 | 1631 13 | 1852 888 | 603 801 | 6 44 | 12 0 |
| 89 06 06 | 16 00 | 1631 17 | 1853 097 | 603 869 | 6 42 | 12 0 |
| 89 06 06 | 18 00 | 1631 21 | 1853 308 | 603 937 | 6 34 | 12 0 |
| 89 06 06 | 20 00 | 1631 21 | 1853 521 | 604 007 | 6 76 | 12 0 |
| 89 06 13 | 08 00 | 1644 34 | 1853 521 | 604 007 | 5 56 | |
| 89 06 13 | 10 00 | 1630 95 | 1853 738 | 604 078 | 6 26 | |
| 89 06 13 | 12 00 | 1630 98 | 1853 948 | 604 146 | 5 86 | |
| 89 06 13 | 13 20 | | 1854 093 | 604 193 | 5 88 | |
| 89 06 13 | 16 20 | 1624 21 | 1854 093 | 604 193 | | 13 0 |
| 89 06 13 | 18 20 | 1630 88 | 1854 330 | 604 271 | 6 06 | 13 0 |
| 89 06 13 | 20 05 | 1630 92 | 1854 493 | 604 324 | 5 98 | 13 0 |
| 89 06 20 | 08 00 | 1628 30 | 1854 493 | 604 324 | 5 08 | 13 0 |
| 89 06 20 | 10 00 | 1627 21 | 1854 700 | 604 391 | 5 82 | 12 0 |
| 89 06 20 | 11 25 | | 1854 849 | 604 440 | 6 50 | 12 0 |
| 89 06 20 | 16 25 | 1641 80 | 1854 849 | 604 440 | 5 93 | 12 0 |

Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 06 20 | 18 25 | 1628 71 | 1855 057 | 604 507 | 6 02 | 12 0 |
| 89 06 20 | 19 00 | | 1855 122 | 604 529 | | 12 0 |
| 89 06 27 | | 1642 21 | 1855 548 | 604 667 | | 13 0 |
| 89 06 27 | 08 00 | 1636 71 | 1855 122 | 604 529 | 4 79 | 13 0 |
| 89 06 27 | 10 00 | 1627 65 | 1855 331 | 604 597 | 5 73 | 13 0 |
| 89 06 27 | 12 00 | 1627 73 | 1855 548 | 604 667 | 5 97 | 13 0 |
| 89 07 18 | 08 00 | 1625 38 | 1855 608 | 604 687 | 4 58 | |
| 89 07 18 | 10 00 | 1621 38 | 1855 765 | 604 738 | 4 72 | 13 0 |
| 89 07 18 | 12 00 | 1624 34 | 1855 814 | 604 754 | 6 28 | 13 0 |
| 89 07 18 | 14 00 | 1623 38 | 1856 209 | 604 883 | 6 39 | 13 0 |
| 89 07 18 | 14 15 | 1623 38 | 1856 241 | 604 893 | 6 36 | 13 0 |
| 89 07 18 | 16 20 | 1638 80 | 1856 241 | 604 893 | 5 87 | 13 0 |
| 89 07 18 | 18 20 | 1614 34 | 1856 467 | 604 967 | 5 79 | 13 0 |
| 89 07 18 | 20 00 | 1624 84 | 1856 641 | 605 024 | 6 01 | 13 0 |
| 89 07 25 | 08 00 | 1620 59 | 1856 641 | 605 024 | 4 88 | 13 0 |
| 89 07 25 | 08 30 | | 1856 680 | 605 036 | | |
| 89 08 01 | 08 00 | 1631 13 | 1856 680 | 605 036 | 4 33 | 13 0 |
| 89 08 01 | 10 00 | 1621 05 | 1856 841 | 605 089 | 5 28 | 13 0 |
| 89 08 01 | 10 30 | | 1856 937 | 605 120 | | |
| 89 08 01 | 18 00 | 1635 05 | 1856 937 | 605 120 | 5 55 | 13 0 |
| 89 08 01 | 20 00 | 1621 38 | 1857 144 | 605 188 | 5 84 | 13 0 |
| 89 08 08 | 08 00 | 1615 13 | 1857 170 | 605 196 | 4 97 | 13 0 |
| 89 08 08 | 10 00 | 1615 21 | 1857 381 | 605 265 | 5 82 | 13 0 |
| 89 08 08 | 12 00 | 1615 42 | 1857 586 | 605 332 | 5 95 | 13 0 |
| 89 08 08 | 14 50 | 1617 80 | 1857 586 | 605 332 | 5 62 | 13 0 |
| 89 08 08 | 16 50 | 1617 30 | 1857 800 | 605 401 | 5 83 | 13 0 |
| 89 08 08 | 18 50 | 1617 13 | 1858 009 | 605 469 | 5 82 | 13 0 |
| 89 08 08 | 20 50 | 1617 13 | 1858 225 | 605 540 | 5 69 | 13 0 |
| 89 08 08 | 22 50 | 1617 05 | 1858 431 | 605 607 | 5 76 | 13 0 |
| 89 08 15 | 08 00 | 1616 96 | 1858 431 | 605 607 | 5 54 | 15 0 |
| 89 08 15 | 10 00 | 1616 96 | 1858 650 | 605 678 | 6 03 | 13 0 |
| 89 08 15 | 12 00 | 1615 63 | 1858 860 | 605 747 | 6 14 | 13 0 |
| 89 08 15 | 14 00 | 1615 71 | 1859 071 | 605 815 | 6 17 | 13 0 |
| 89 08 15 | 16 00 | 1615 96 | 1859 285 | 605 885 | 6 19 | 13 0 |
| 89 08 15 | 18 00 | 1616 05 | 1859 493 | 605 953 | 6 18 | 13 0 |
| 89 08 15 | 20 00 | 1616 13 | 1859 704 | 606 022 | 6 17 | 13 0 |
| 89 08 23 | | 1632 38 | 1859 704 | 606 022 | | 13 0 |
| 89 08 23 | 23 40 | 1632 55 | 1859 704 | 606 022 | 4 80 | 13 0 |
| 89 08 24 | 01 40 | | 1859 913 | 606 090 | 5 80 | 13 0 |
| 89 08 24 | 03 40 | | 1860 124 | 606 159 | 6 00 | 13 0 |
| 89 08 24 | 05 40 | | 1860 335 | 606 227 | 5 84 | 13 0 |
| 89 08 24 | 07 40 | 1616 13 | 1860 558 | 606 300 | 5 99 | 13 0 |
| 89 08 24 | 09 50 | 1618 42 | 1860 780 | 606 372 | 6 13 | 13 0 |
| 89 08 24 | 11 55 | 1618 34 | 1860 811 | 606 382 | 6 20 | 13 0 |
| 89 08 24 | 13 50 | 1618 30 | 1861 203 | 606 510 | 6 20 | 13 0 |
| 89 08 29 | | 1618 13 | 1862 579 | 606 959 | 6 13 | 13 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 08 29 | 08 00 | 1631 96 | 1861 219 | 606 515 | 6 13 | 13 0 |
| 89 08 29 | 10 00 | | 1861 434 | 606 585 | 6 30 | 14 0 |
| 89 08 29 | 12 00 | | 1861 663 | 606 660 | 6 11 | 12 0 |
| 89 08 29 | 14 00 | | 1861 868 | 606 727 | 5 95 | |
| 89 08 29 | 16 00 | 1618 13 | 1862 106 | 606 804 | 6 27 | 13 0 |
| 89 08 29 | 18 00 | 1618 05 | 1862 327 | 606 876 | 6 16 | 13 0 |
| 89 08 29 | 20 00 | 1618 13 | 1862 553 | 606 950 | 6 12 | 13 0 |
| 89 09 05 | 00 30 | 1636 05 | 1862 579 | 606 959 | 4 98 | 12 0 |
| 89 09 05 | 02 30 | | | | 6 29 | 12 0 |
| 89 09 05 | 04 30 | | | | 6 35 | 12 0 |
| 89 09 05 | 06 30 | | | | 6 30 | 12 0 |
| 89 09 05 | 08 30 | 1619 88 | | | 6 29 | 12 0 |
| 89 09 05 | 10 30 | | | | 6 10 | 12 0 |
| 89 09 05 | 12 30 | | | | 6 00 | 12 0 |
| 89 09 12 | 08 00 | 1635 38 | 1863 917 | 607 395 | 5 97 | 14 0 |
| 89 09 12 | 10 00 | 1622 88 | 1864 103 | 607 455 | 5 94 | 14 0 |
| 89 09 12 | 12 00 | 1622 71 | 1864 298 | 607 519 | 5 97 | 14 0 |
| 89 09 12 | 14 00 | 1622 80 | 1864 493 | 607 582 | 6 02 | 14 0 |
| 89 09 12 | 16 00 | 1622 80 | 1864 707 | 607 652 | 6 20 | 14 0 |
| 89 09 12 | 18 00 | 1622 59 | 1864 909 | 607 718 | 5 79 | 14 0 |
| 89 09 12 | 20 00 | 1622 80 | 1865 118 | 607 786 | 5 83 | 14 0 |
| 89 09 19 | 08 00 | 1636 63 | 1865 118 | 607 786 | 5 94 | 12 0 |
| 89 09 19 | 10 00 | 1623 80 | 1865 309 | 607 848 | 5 92 | 15 0 |
| 89 09 19 | 12 00 | 1629 13 | 1865 507 | 607 913 | 5 89 | 15 0 |
| 89 09 19 | 14 00 | 1629 26 | 1865 713 | 607 980 | 5 85 | 15 0 |
| 89 09 19 | 16 00 | 1623 63 | 1865 916 | 608 046 | 5 78 | 14 0 |
| 89 09 19 | 18 00 | 1623 76 | 1866 118 | 608 112 | 6 01 | 15 0 |
| 89 09 19 | 20 05 | 1623 59 | 1866 330 | 608 181 | 6 21 | 15 0 |
| 89 09 26 | 12 20 | 1626 13 | 1866 330 | 608 181 | 4 41 | 13 0 |
| 89 09 26 | 14 20 | 1625 21 | 1866 517 | 608 242 | 5 62 | 13 0 |
| 89 09 26 | 16 20 | 1625 42 | 1866 771 | 608 325 | 5 49 | 13 0 |
| 89 09 26 | 18 20 | 1625 34 | 1866 918 | 608 373 | 5 63 | 13 0 |
| 89 09 26 | 20 20 | 1625 42 | 1867 118 | 608 438 | 5 65 | 13 0 |
| 89 09 26 | 22 20 | 1625 17 | 1867 317 | 608 503 | 5 64 | 10 0 |
| 89 09 27 | 00 20 | 1625 28 | 1867 509 | 608 565 | 5 64 | 12 2 |
| 89 10 03 | 08 00 | 1612 38 | 1867 509 | 608 565 | 5 81 | 11 0 |
| 89 10 03 | 10 00 | 1626 55 | 1867 700 | 608 627 | 5 93 | 11 0 |
| 89 10 03 | 12 00 | 1626 71 | 1867 910 | 608 696 | 5 88 | 11 0 |
| 89 10 03 | 14 00 | 1626 05 | 1868 103 | 608 759 | 5 87 | 11 0 |
| 89 10 03 | 16 00 | 1625 67 | 1868 301 | 608 823 | 5 94 | 14 0 |
| 89 10 03 | 18 00 | 1625 65 | 1868 499 | 608 888 | 5 99 | 12 0 |
| 89 10 03 | 20 15 | 1625 55 | 1868 723 | 608 961 | 6 01 | 12 0 |
| 89 10 10 | 19 40 | 1640 58 | 1868 723 | 608 961 | 5 38 | 12 0 |
| 89 10 10 | 21 40 | 1626 88 | 1868 926 | 609 027 | 5 62 | 12 0 |
| 89 10 10 | 23 50 | 1608 95 | 1869 142 | 609 097 | 6 16 | 12 0 |
| 89 10 11 | 02 35 | 1629 32 | 1869 142 | 609 097 | 5 84 | 11 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 10 11 | 04 35 | | 1869 339 | 609 161 | 5 92 | 12 0 |
| 89 10 11 | 06 35 | | 1869 539 | 609 227 | 5 96 | 12 0 |
| 89 10 11 | 08 35 | 1626 38 | 1869 733 | 609 290 | 6 02 | 12 0 |
| 89 10 11 | 13 35 | 1626 38 | 1869 939 | 609 357 | 6 11 | 12 0 |
| 89 10 17 | 08 00 | 1632 38 | 1869 939 | 609 357 | 4 86 | 12 0 |
| 89 10 17 | 10 00 | 1626 71 | 1870 119 | 609 416 | 5 79 | 12 0 |
| 89 10 17 | 12 00 | 1626 88 | 1870 321 | 609 482 | 5 92 | 12 0 |
| 89 10 17 | 14 00 | 1626 38 | 1870 511 | 609 543 | 5 93 | 12 0 |
| 89 10 17 | 16 00 | 1626 05 | 1870 734 | 609 616 | 5 98 | 12 0 |
| 89 10 17 | 18 00 | 1626 26 | 1870 920 | 609 677 | 5 86 | 12 0 |
| 89 10 17 | 20 00 | | 1871 128 | 609 744 | 5 85 | 13 0 |
| 89 10 24 | 08 00 | 1626 38 | 1871 128 | 609 744 | 5 85 | 13 0 |
| 89 10 24 | 10 00 | 1626 30 | 1871 327 | 609 809 | 5 62 | 12 0 |
| 89 10 24 | 12 00 | 1626 30 | 1871 503 | 609 867 | 5 90 | 12 0 |
| 89 10 24 | 14 00 | 1626 21 | 1871 713 | 609 935 | 5 86 | 12 0 |
| 89 10 24 | 16 00 | 1626 73 | 1871 918 | 610 002 | 6 14 | 13 0 |
| 89 10 24 | 18 00 | 1626 51 | 1872 113 | 610 065 | 5 99 | 11 5 |
| 89 10 24 | 20 00 | 1626 51 | 1872 312 | 610 130 | 6 53 | 12 0 |
| 89 10 24 | 22 00 | 1626 51 | 1872 506 | 610 194 | 6 19 | 12 4 |
| 89 10 25 | 00 00 | 1626 42 | 1872 703 | 610 258 | 6 08 | 12 0 |
| 89 10 25 | 02 00 | 1626 42 | 1872 895 | 610 320 | 6 09 | 12 0 |
| 89 10 25 | 04 00 | 1626 38 | 1873 098 | 610 386 | 6 12 | 12 0 |
| 89 10 25 | 06 00 | 1626 55 | 1873 293 | 610 450 | 6 05 | 12 0 |
| 89 10 25 | 08 00 | 1626 46 | 1873 490 | 610 514 | 6 11 | 12 0 |
| 89 10 25 | 10 00 | 1626 38 | 1873 693 | 610 580 | 5 99 | 12 0 |
| 89 10 25 | 12 00 | 1626 46 | 1873 886 | 610 643 | 5 97 | 12 0 |
| 89 10 25 | 14 00 | 1626 38 | 1874 075 | 610 705 | 5 97 | 12 0 |
| 89 10 25 | 16 00 | 1626 59 | 1874 272 | 610 769 | 6 34 | 12 0 |
| 89 10 25 | 18 00 | 1626 42 | 1874 470 | 610 834 | 6 15 | 12 5 |
| 89 10 25 | 20 00 | 1626 55 | 1874 664 | 610 897 | 6 14 | 13 0 |
| 89 10 25 | 22 00 | 1626 55 | 1874 860 | 610 961 | 6 15 | 12 5 |
| 89 10 26 | 00 00 | 1626 48 | 1875 056 | 611 024 | 6 50 | 12 0 |
| 89 10 26 | 02 00 | 1626 48 | 1875 250 | 611 088 | 5 91 | 12 0 |
| 89 10 26 | 04 00 | 1626 46 | 1875 444 | 611 151 | 5 98 | 12 0 |
| 89 10 26 | 06 00 | 1626 48 | 1875 649 | 611 218 | 5 90 | 12 0 |
| 89 10 26 | 08 00 | 1626 01 | 1875 843 | 611 281 | 5 98 | 12 0 |
| 89 10 26 | 10 00 | 1626 63 | 1876 033 | 611 343 | 5 97 | 12 0 |
| 89 10 26 | 12 00 | 1626 63 | 1876 130 | 611 374 | 5 98 | 12 0 |
| 89 10 26 | 14 00 | 1626 59 | 1876 425 | 611 471 | 5 96 | 12 0 |
| 89 10 26 | 14 43 | 1626 63 | 1876 500 | 611 495 | 5 97 | 12 0 |
| 89 10 27 | 00 10 | 1640 88 | 1876 500 | 611 495 | 6 05 | 12 0 |
| 89 10 27 | 02 10 | 1627 05 | 1876 698 | 611 560 | 6 08 | 12 0 |
| 89 10 27 | 04 10 | 1626 65 | 1876 896 | 611 624 | 6 02 | 12 0 |
| 89 10 27 | 06 10 | 1626 88 | 1877 092 | 611 688 | 5 86 | 12 0 |
| 89 10 27 | 08 10 | 1627 08 | 1877 284 | 611 751 | | 12 0 |
| 89 10 27 | 09 33 | 1628 68 | 1877 426 | 611 797 | | 12 0 |

## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 89 10 27 | 14 00 | 1628 68 | 1877 426 | 611 797 | 6 02 | 12 0 |
| 89 11 02 | 10 00 | | 1877 504 | 611 822 | 6 01 | 9 0 |
| 89 11 02 | 12 00 | | 1877 648 | 611 869 | 6 03 | 9 0 |
| 89 11 02 | 14 00 | | 1877 851 | 611 935 | 5 97 | 9 0 |
| 89 11 02 | 16 00 | | 1878 068 | 612 006 | 5 95 | 12 0 |
| 89 11 02 | 18 00 | | 1878 253 | 612 066 | 6 07 | 12 0 |
| 89 11 02 | 20 00 | | 1878 452 | 612 131 | 6 15 | 12 0 |
| 89 11 02 | 22 00 | | 1878 670 | 612 202 | 5 96 | 12 0 |
| 89 11 07 | 08 00 | | 1878 670 | 612 202 | 6 01 | 12 0 |
| 89 11 07 | 10 00 | | 1878 863 | 612 265 | 6 72 | 12 0 |
| 89 11 07 | 12 00 | | 1879 057 | 612 328 | 6 02 | 12 0 |
| 89 11 07 | 14 00 | | 1879 256 | 612 393 | | 12 0 |
| 89 11 07 | 16 00 | | 1879 461 | 612 460 | 5 68 | 12 0 |
| 89 11 07 | 18 00 | | 1879 663 | 612 526 | 5 95 | 12 0 |
| 89 11 07 | 20 00 | | 1879 857 | 612 589 | 6 23 | 12 0 |
| 89 11 14 | 08 00 | | 1879 857 | 612 589 | 5 93 | 11 0 |
| 89 11 14 | 10 00 | | 1880 072 | 612 659 | 5 93 | 11 0 |
| 89 11 14 | 12 00 | | 1880 290 | 612 730 | 5 93 | 12 0 |
| 89 11 14 | 14 00 | | 1880 488 | 612 795 | 5 92 | 12 0 |
| 89 11 14 | 16 00 | | 1880 699 | 612 863 | 6 09 | 12 0 |
| 89 11 14 | 18 00 | | 1880 905 | 612 931 | 5 85 | 12 0 |
| 89 11 14 | 20 00 | | 1881 113 | 612 998 | 6 12 | 12 0 |
| 89 11 29 | 13 10 | | 1884 476 | 614 094 | 6 02 | |
| 89 11 29 | 15 10 | | 1884 684 | 614 162 | | |
| 89 11 29 | 16 00 | | 1884 748 | 614 183 | 6 30 | 11 0 |
| 89 12 05 | 00 30 | 1641 98 | 1884 748 | 614 183 | 5 80 | 12 0 |
| 89 12 05 | 02 30 | | 1884 955 | 614 250 | 6 30 | 11 5 |
| 89 12 05 | 04 30 | | 1885 161 | 614 317 | 6 25 | 11 0 |
| 89 12 05 | 06 05 | 1627 26 | 1885 161 | 614 317 | 5 92 | 11 6 |
| 89 12 06 | 08 00 | 1636 88 | 1885 323 | 614 370 | 5 43 | 11 0 |
| 89 12 06 | 10 00 | 1627 18 | 1885 540 | 614 441 | 5 84 | 11 0 |
| 89 12 06 | 12 00 | 1627 07 | 1885 754 | 614 511 | 5 91 | 11 0 |
| 89 12 06 | 14 00 | | 1885 960 | 614 578 | 5 98 | 11 0 |
| 89 12 06 | 14 30 | | 1886 021 | 614 598 | 5 96 | 11 0 |
| 89 12 14 | 05 30 | 1643 00 | 1886 041 | 614 604 | 5 10 | 10 0 |
| 89 12 14 | 07 30 | 1642 98 | 1886 276 | 614 681 | 5 11 | 10 0 |
| 89 12 14 | 09 30 | 1643 01 | 1886 487 | 614 750 | 5 14 | 10 0 |
| 89 12 14 | 11 30 | | 1886 740 | 614 832 | 5 12 | 10 0 |
| 89 12 14 | 13 30 | | 1886 934 | 614 895 | 5 11 | 10 0 |
| 89 12 14 | 15 30 | 1625 38 | 1887 173 | 614 973 | 5 80 | 10 4 |
| 89 12 19 | 11 40 | 1644 20 | 1887 865 | 615 199 | 8 48 | |
| 90 01 02 | 14 10 | 1634 28 | 1887 865 | 615 199 | | 9 0 |
| 90 01 02 | 15 30 | 1634 38 | 1887 865 | 615 199 | 5 67 | 9 0 |
| 90 01 02 | 17 30 | | 1888 093 | 615 273 | 5 68 | 7 3 |
| 90 01 02 | 19 30 | | 1888 321 | 615 347 | 5 65 | |
| 90 01 02 | 21 30 | | 1888 505 | 615 407 | 5 64 | |

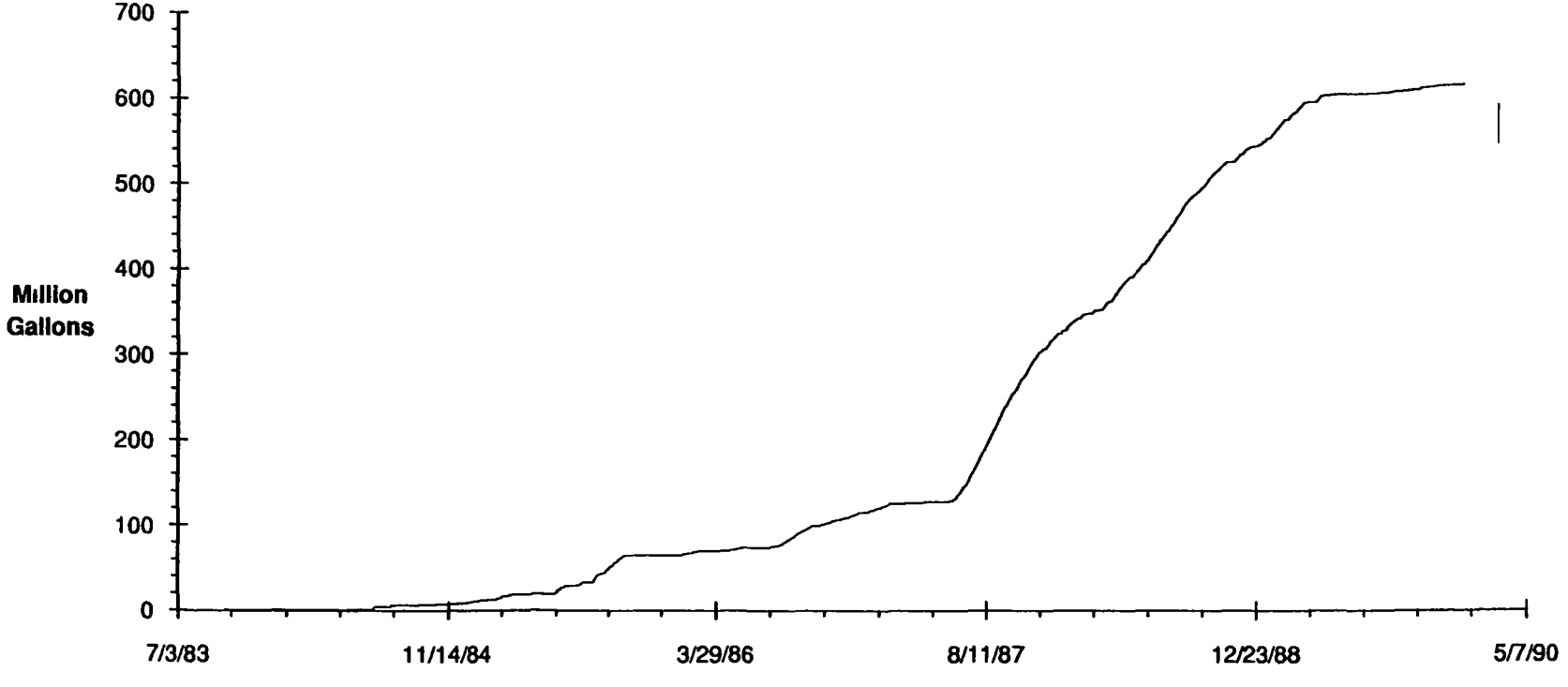
## Original Interceptor Well Database

| Date | Time | Elevation (feet) | Meter Acre Feet | Million Gallons | pH (SU) | Temp (C) |
|---|---|---|---|---|---|---|
| 90 01 02 | 23 30 | 1628 88 | 1888 712 | 615 475 | 5 55 | 11 7 |
| 90 01 03 | 01 40 | | 1888 946 | 615 551 | 5 63 | 11 6 |
| 90 01 03 | 03 35 | | 1889 118 | 615 607 | 5 82 | 11 6 |
| 90 01 11 | 06 40 | 1638 73 | 1889 143 | 615 615 | 5 15 | 12 0 |
| 90 01 11 | 08 40 | 1628 28 | 1889 346 | 615 681 | 5 80 | 12 0 |
| 90 01 11 | 09 00 | 1628 28 | 1889 380 | 615 692 | 5 80 | 12 0 |
| 90 01 16 | 00 10 | 1643 05 | 1889 380 | 615 692 | 5 23 | 12 0 |
| 90 01 16 | 02 10 | | 1889 590 | 615 761 | 5 75 | 12 0 |
| 90 01 16 | 04 10 | | 1889 802 | 615 830 | 5 91 | 12 0 |
| 90 01 16 | 09 30 | | 1889 802 | 615 830 | 5 92 | 12 0 |
| 90 01 16 | 11 30 | | 1890 056 | 615 913 | 5 91 | 12 0 |
| 90 01 16 | 13 30 | | 1890 273 | 615 983 | 6 14 | 12 0 |
| 90 01 16 | 15 30 | 1628 03 | 1890 483 | 616 052 | 5 86 | 11 6 |

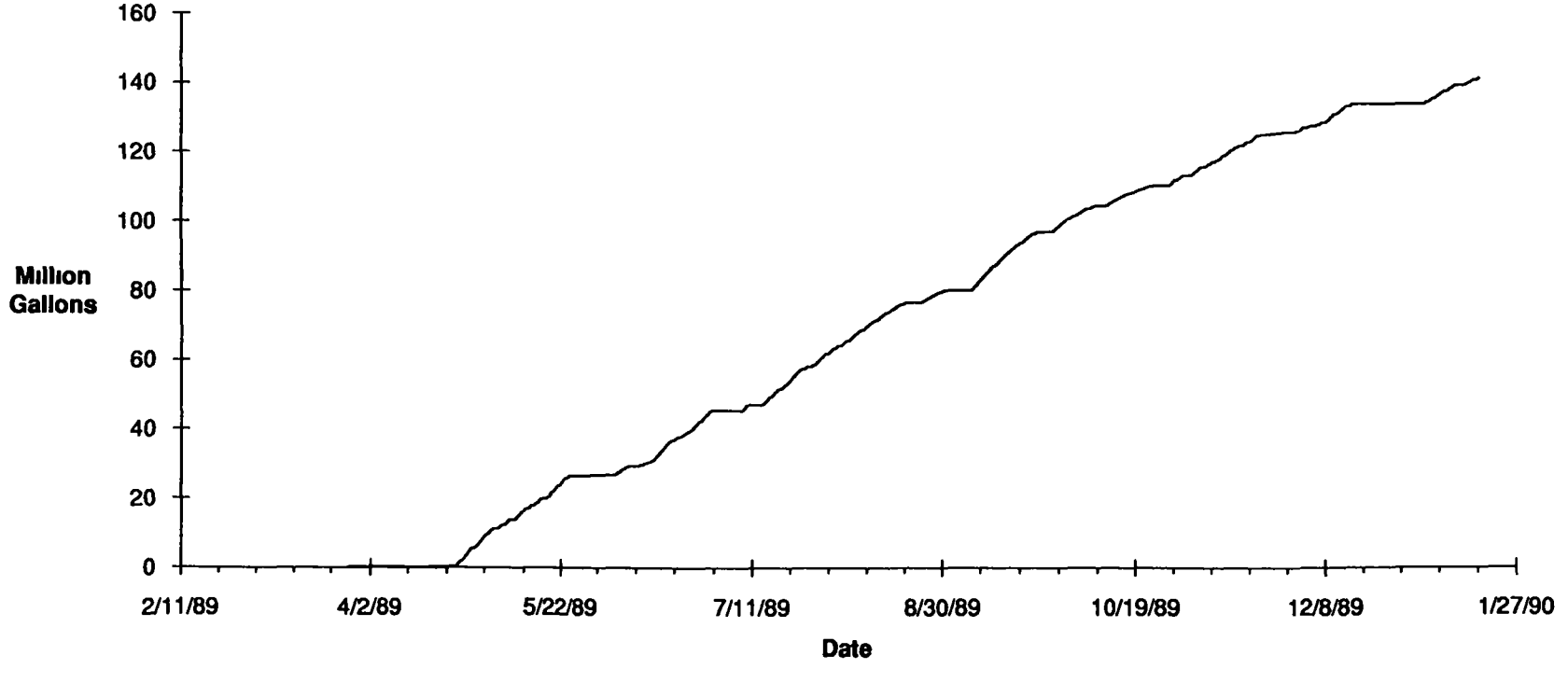
## APPENDIX VI

B Cumulative Water Pumped

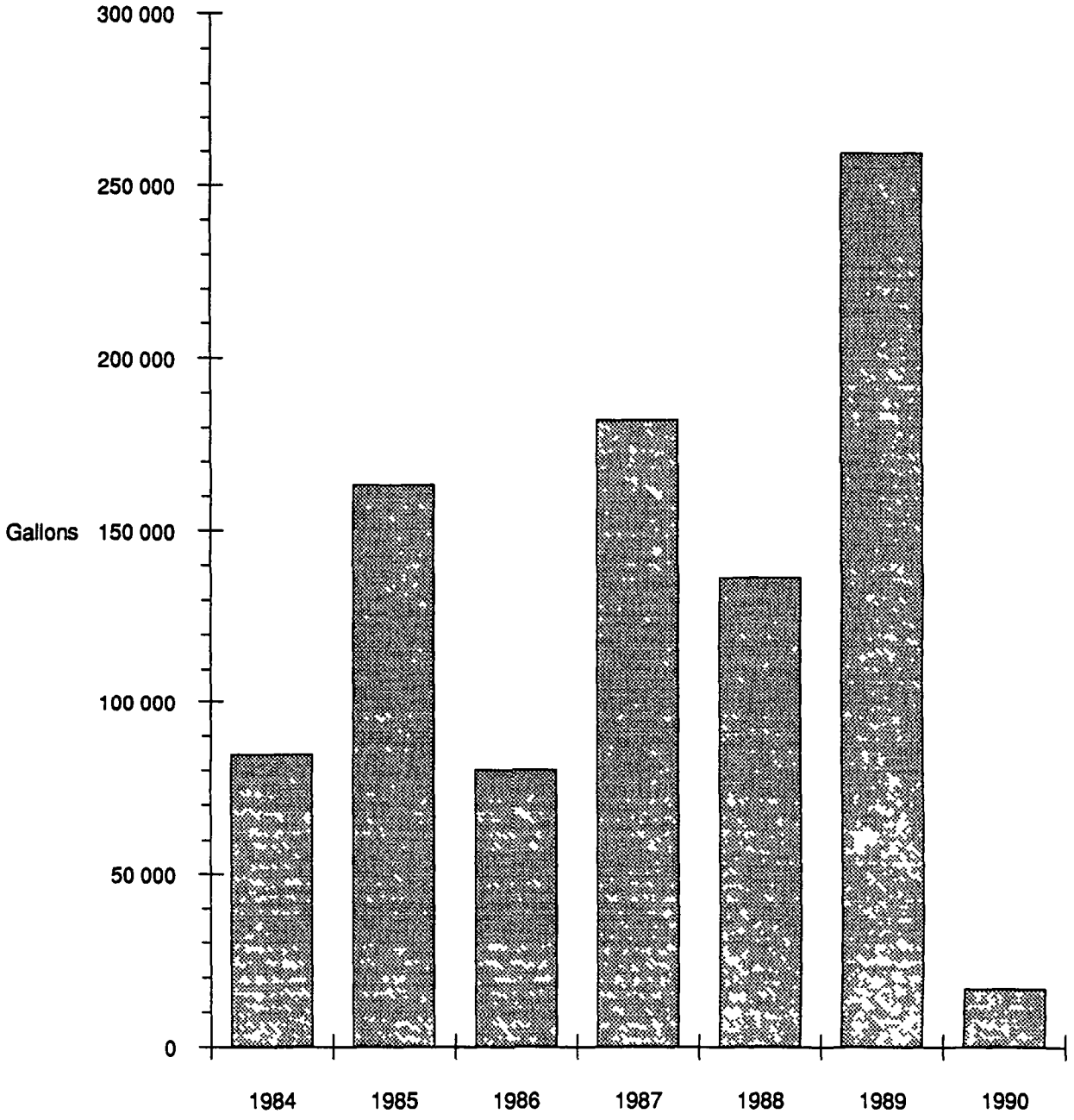
# Original Intercepter Well
# Millions of Gallons Pumped
# 1983 - 1990
# Lindsay Mfg Co



# Add-On Intercepter Well
# Millions of Gallons Pumped
# 1/2/89 - 1/16/90
# Lindsay Mfg Co.



# Yearly Caustic Consumption
# Lindsay Mfg Co




Job Number 16657 002 005

Dames & Moore

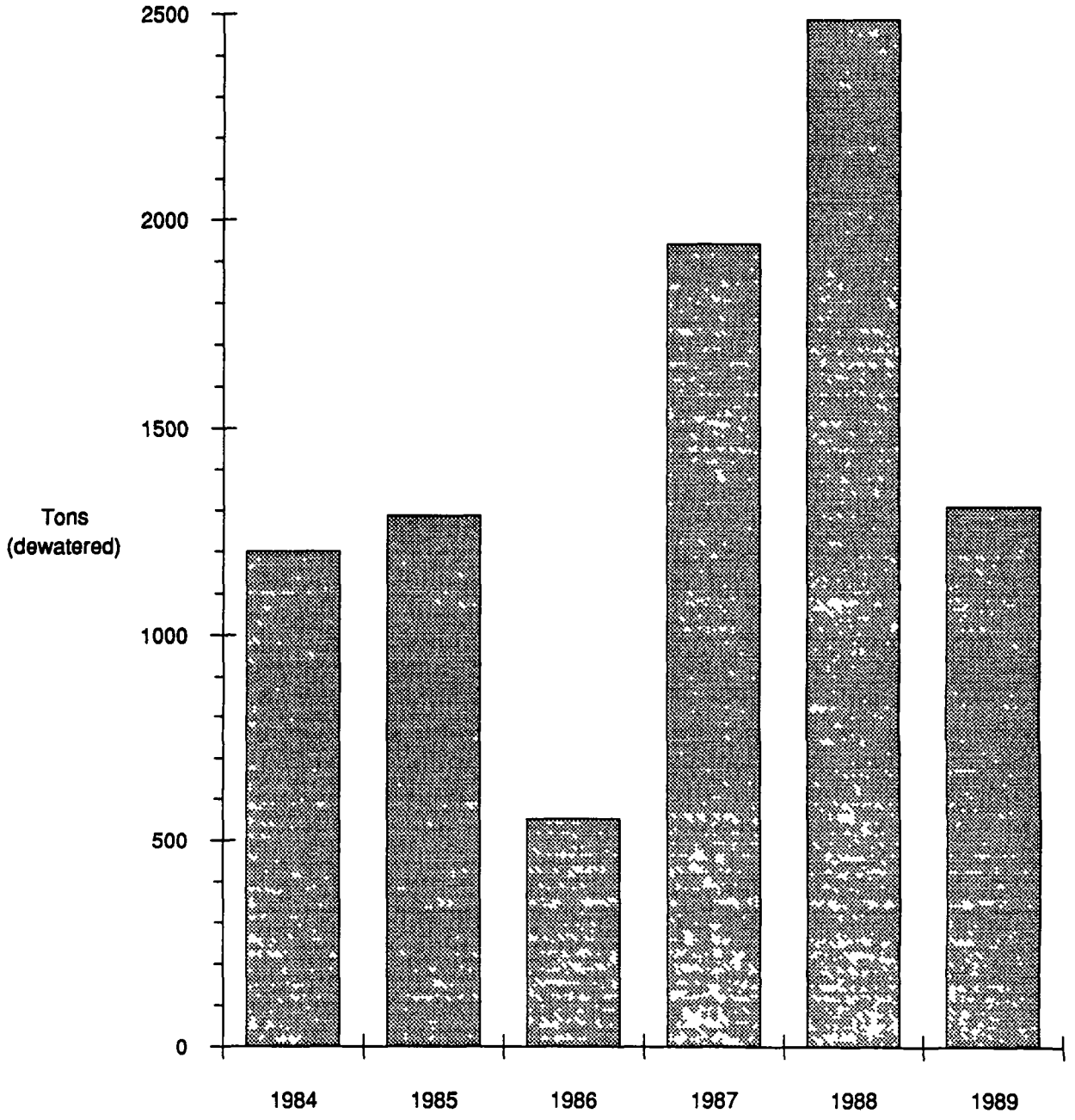
## APPENDIX ~~VI~~

C Yearly Caustic Consumption

## APPENDIX VI

D Yearly Solids Production

# Yearly Solids Production
# Lindsay Mfg Co.

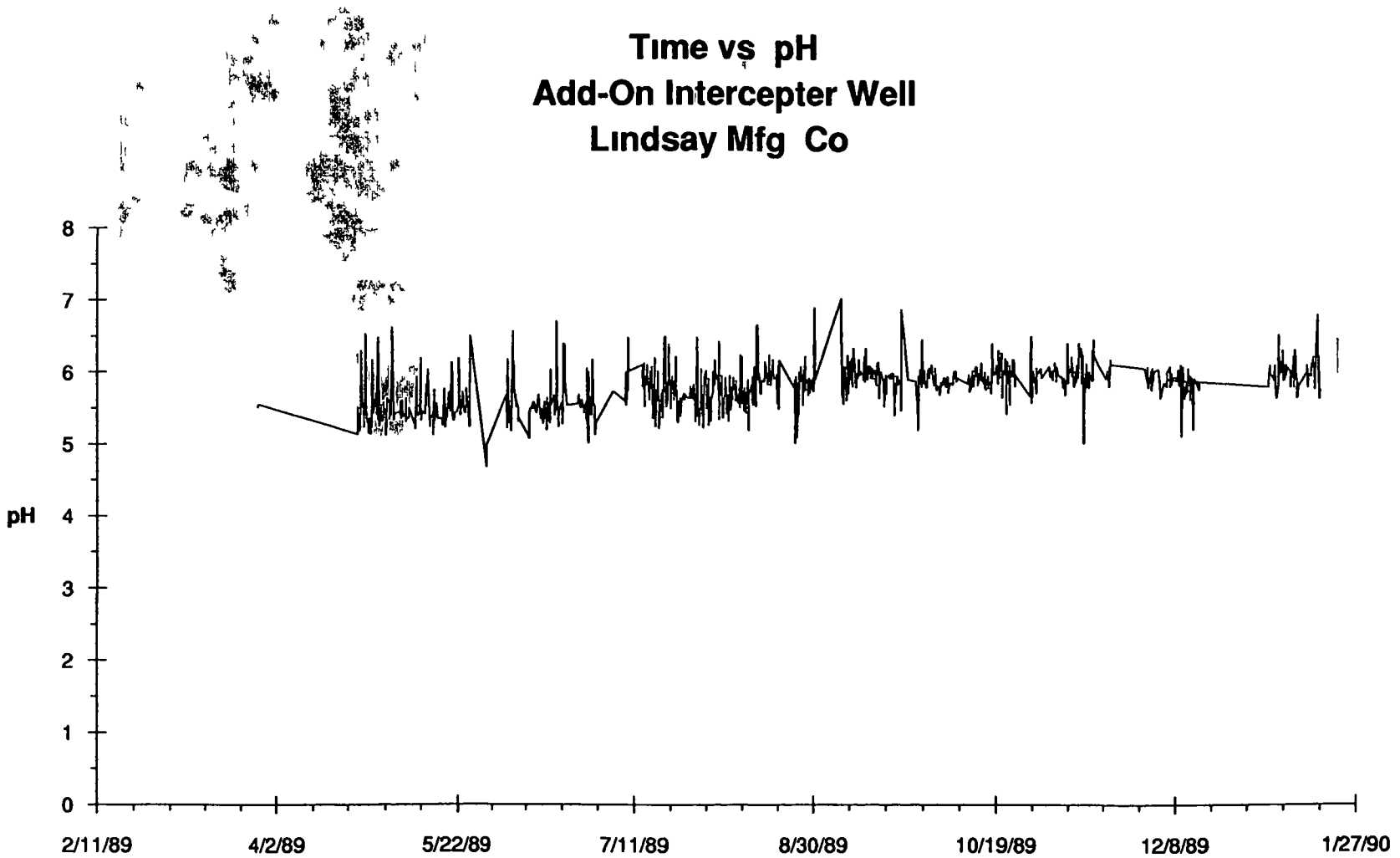



Job Number 16657 002 005

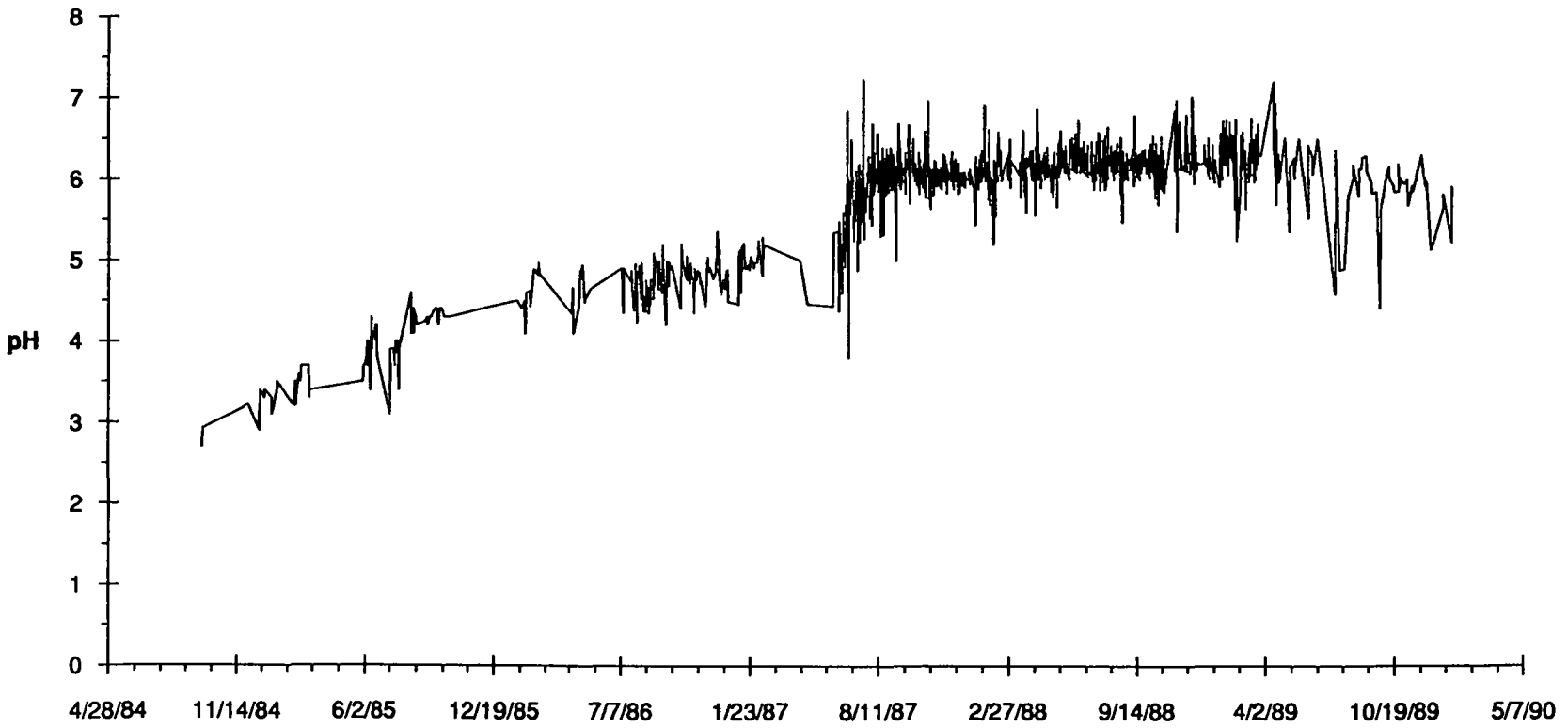
Dames & Moore

## APPENDIX VI

E Intercepted Ground Water pH vs Time


Time vs pH
Add-On Intercepter Well
Lindsay Mfg Co
pH
8
7
6
5
4
3
2
1
0
2/11/89
4/2/89
5/22/89
7/11/89
8/30/89
10/19/89
12/8/89
1/27/90

# Time vs pH
## Original Intercepter Well
## Lindsay Mfg Co



# APPENDIX VII

## POTENTIOMETRIC SURFACE MAPS (1989)

69308
New Lindsay
Public Supply Well

SECTION 18

SECTION 17

TMW88-1

Drainage Ditch

Approximate Ditch Bank

Town Limits

MW87-6

MW87 1

MW87-4

82 1m

P 1

1642

1644

"Old Well"

Cell #2

P 2

Cell #1

82-4m

Interceptor Well

P 5

Sludge Presses

P-3

P-4

P-6

82-2m

82-3m

Final Production Building

MW87-8

Fire Protection Well

Neutralization Tank

P-7

MW87 7

Outfall

Existing 36" RCP Storm Sewer

Galv Bldg

P-8

1645

Property Line

TMW88-3

TMW88-4

Old Lindsay Public Supply Well

Crane Area

Approximate Ditch Bank

Centerline Plant Drainage Ditch

P 9

Plant

TMW88-9

Maintenance

TMW88-5

Add-On Interceptor Well

MW87-3

MW87 2

Centerline of HWY 91

TMW88-6

TMW88 10

Centerline Tributary Drainage to Shell Creek

MW87-5

House(Typical)

TMW88-7

TMW88 11

TMW88-8

74-2
Lindsay
Test Hole

50378

House (Typical)

N

T20N,R3W

- Existing Production Wells
- 82-1m or P 1 — Existing Monitoring Wells
- MW87 1 — Facility Monitoring Wells
- 50370 — Registered Irrigation Wells
- TMW88 1 — Temporary Monitoring Wells
- 1640 — Potentiometric Surface (Feet Above Sea Level)

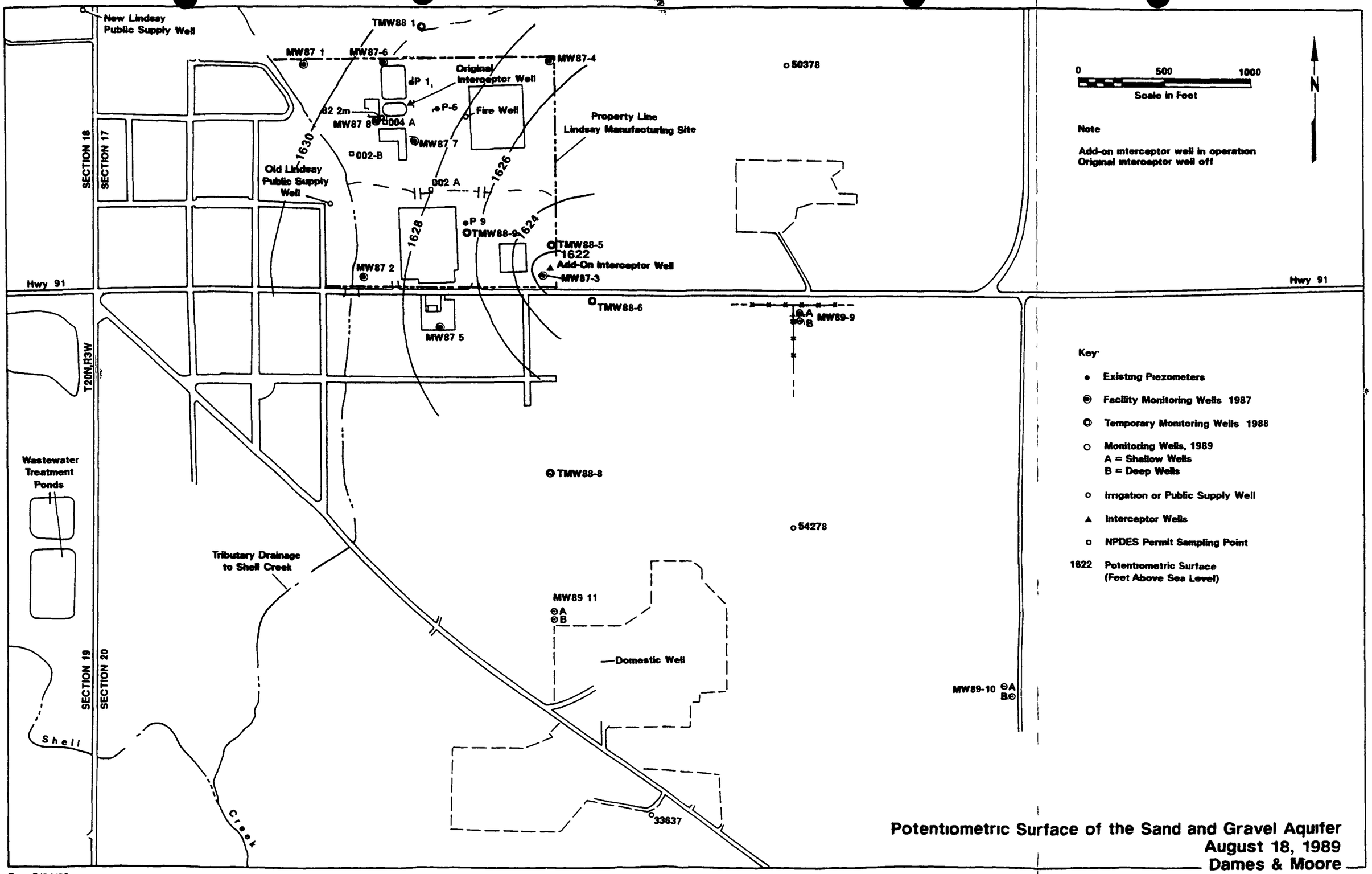
0 300 600
Scale in Feet

# Potentiometric Surface of Sand and Gravel Aquifer March 8, 1989 Lindsay Manufacturing Site

Dames & Moore

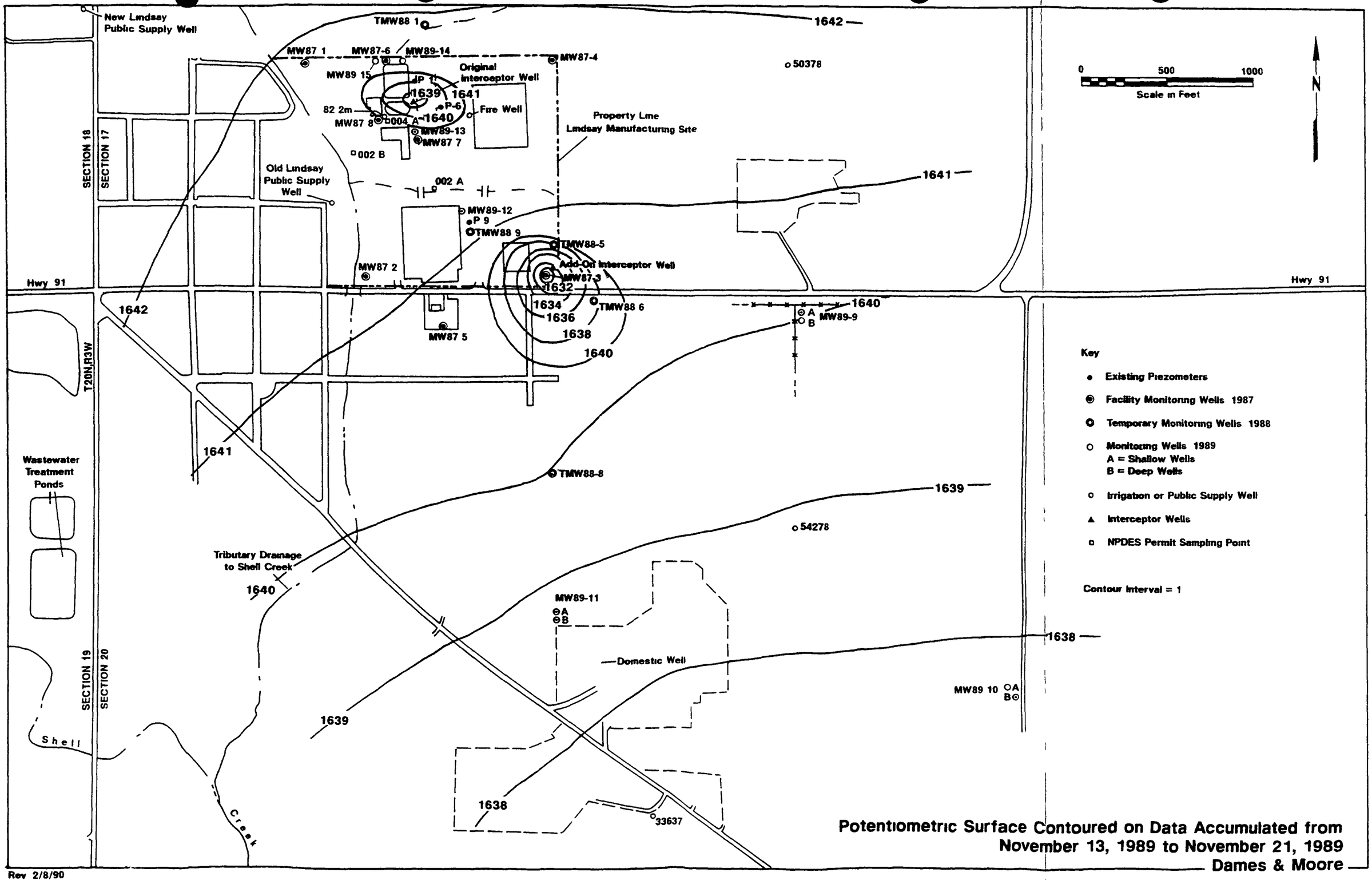
Job No 57 002 005

Rev 2/2/90




**Potentiometric Surface of the Sand and Gravel Aquifer**
**August 18, 1989**
**Dames & Moore**

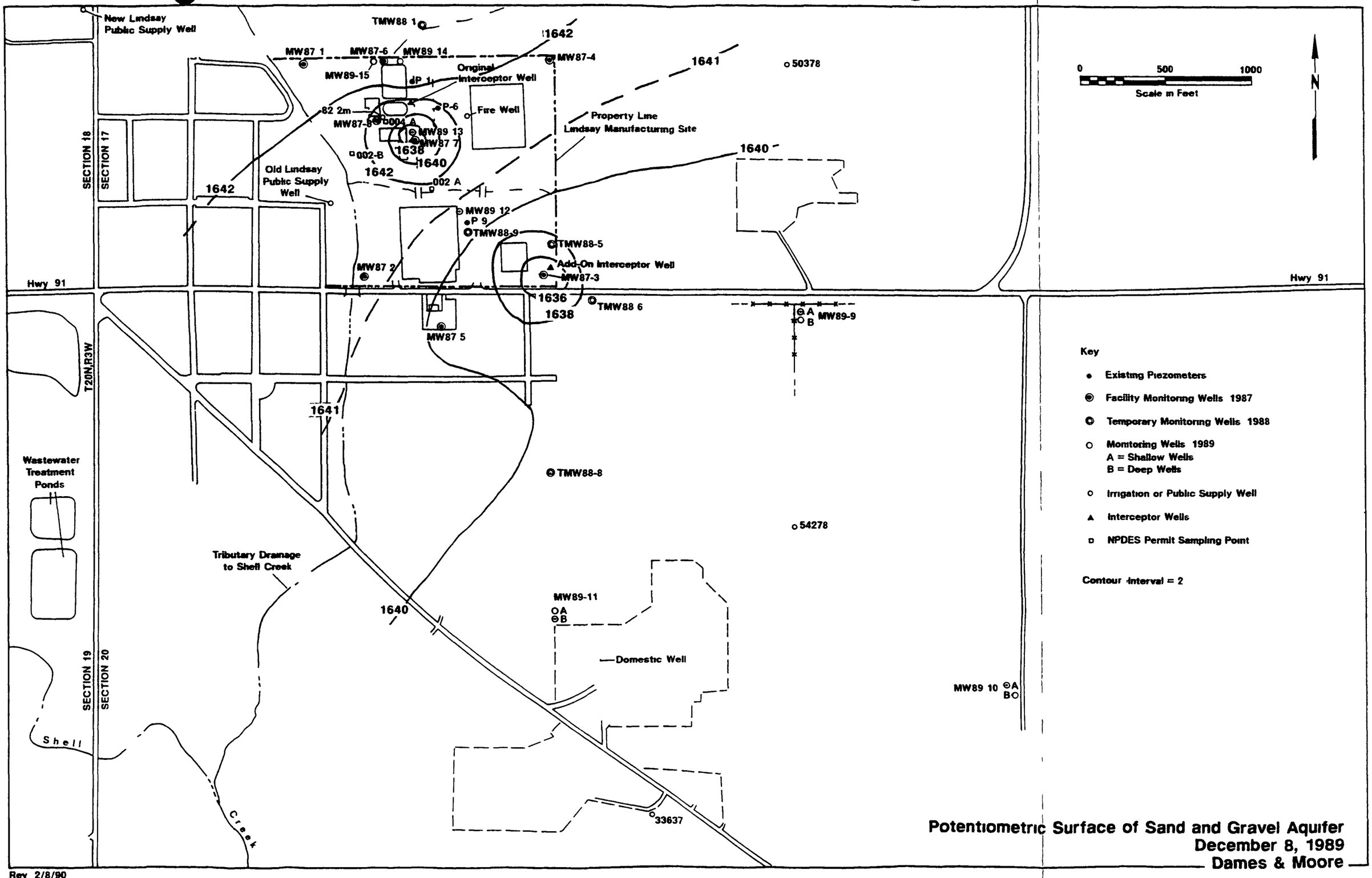
Rev 5/24/90




**Potentiometric Surface Contoured on Data Accumulated from November 13, 1989 to November 21, 1989**

Dames & Moore

Rev 2/8/90




# Potentiometric Surface of Sand and Gravel Aquifer
## December 8, 1989
## Dames & Moore

Rev 2/8/90

# APPENDIX VIII

## AQUIFER TEST DATA

# APPENDIX VIII

A AOIW Test Data

# APPENDIX

## STEP-DRAWDOWN PUMP TEST DATA

## AND DRAWDOWN PLOTS

## Step-Drawdown Pump Test

## February 20, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) |
|---|---|---|---|---|---|
| Add On | 0 0 | 0 0 | | 18 47 | 29 56 |
| Interceptor | 0 5 | 0 5 | | 17 64 | 28 73 |
| | 1 0 | 1 0 | | 19 09 | 30 18 |
| | 1 5 | 1 5 | | 14 94 | 26 03 |
| | 2 0 | 2 0 | | 14 52 | 25 61 |
| | 2 5 | 2 5 | | 9 11 | 20 20 |
| | 3 0 | 3 0 | | 2 32 | 13 41 |
| | 3 5 | 3 5 | | 2 18 | 13 27 |
| | 4 0 | 4 0 | | 1 14 | 12 23 |
| | 4 5 | 4 5 | | 1 08 | 12 17 |
| | 5 0 | 5 0 | | 0 66 | 11 75 |
| | 6 0 | 6 0 | | 1 21 | 9 88 |
| | 7 0 | 7 0 | | 1 70 | 9 39 |
| | 8 0 | 8 0 | | 1 77 | 9 32 |
| | 9 0 | 9 0 | | 1 77 | 9 32 |
| | 10 0 | 10 0 | | 2 04 | 9 05 |
| | 15 0 | 15 0 | | -0 93 | 10 16 |
| | 20 0 | 20 0 | | 1 14 | 9 95 |
| | 25 0 | 25 0 | | 1 21 | 9 88 |
| | 30 0 | 30 0 | | 1 21 | 9 88 |
| | 35 0 | 35 0 | | 1 63 | 9 46 |
| | 40 0 | 40 0 | | 1 28 | 9 81 |
| | 40 5 | 40 5 | | 7 66 | 18 75 |
| | 41 0 | 41 0 | | 8 49 | 19 58 |
| | 41 5 | 41 5 | | 8 77 | 19 86 |
| | 42 0 | 42 0 | | 8 84 | 19 93 |
| | 42 5 | 42 5 | | 9 04 | 20 13 |
| | 43 0 | 43 0 | | 9 11 | 20 20 |
| | 43 5 | 43 5 | | 9 11 | 20 20 |
| | 44 0 | 44 0 | | 9 25 | 20 34 |
| | 44 5 | 44 5 | | 8 70 | 19 79 |
| | 45 0 | 45 0 | | 9 11 | 20 20 |
| | 46 0 | 46 0 | | 9 67 | 20 76 |
| | 47 0 | 47 0 | | 9 67 | 20 76 |
| | 48 0 | 48 0 | | 9 74 | 20 83 |

## Step-Drawdown Pump Test

## February 20, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) |
|---|---|---|---|---|---|
| Add On | 49 0 | 49 0 | | 9 81 | 20 90 |
| Interceptor con t | 50 0 | 50 0 | | 10 02 | 21 11 |
| | 55 0 | 55 0 | | 9 95 | 21 04 |
| | 60 0 | 60 0 | | 10 08 | 21 17 |
| | 65 0 | 65 0 | | 9 74 | 20 83 |
| | 70 0 | 70 0 | | 10 08 | 21 17 |
| | 70 5 | 70 5 | | 16 81 | 27 90 |
| | 71 0 | 71 0 | | 17 22 | 28 31 |
| | 71 5 | 71 5 | | 17 43 | 28 52 |
| | 72 0 | 72 0 | | 17 50 | 28 59 |
| | 72 5 | 72 5 | | 17 64 | 28 73 |
| | 73 0 | 73 0 | | 17 78 | 28 87 |
| | 73 5 | 73 5 | | 17 85 | 28 94 |
| | 74 0 | 74 0 | | 17 78 | 28 87 |
| | 74 5 | 74 5 | | 17 78 | 28 87 |
| | 75 0 | 75 0 | | 17 78 | 28 87 |
| | 76 0 | 76 0 | | 17 85 | 28 94 |
| | 77 0 | 77 0 | | 17 71 | 28 80 |
| | 78 0 | 78 0 | | 17 71 | 28 80 |
| | 79 0 | 79 0 | | 16 74 | 27 83 |
| | 80 0 | 80 0 | | 17 43 | 28 52 |
| | 84 0 | 84 0 | | | |
| | 85 0 | 85 0 | | 14 94 | 26 03 |
| | 86 0 | 86 0 | | | |
| | 88 0 | 88 0 | | | |
| | 90 0 | 90 0 | | 13 34 | 24 43 |
| | 92 0 | 92 0 | | | |
| | 95 0 | 95 0 | | 2 46 | 13 55 |
| | 98 0 | 98 0 | | 2 11 | 13 20 |
| TMW88 5 | 0 0 | 0 0 | | 1 30 | 0 06 |
| | 0 5 | 0 5 | | -0 29 | 1 07 |
| | 1 0 | 1 0 | | -0 02 | 1 34 |
| | 1 5 | 1 5 | | 0 18 | 1 54 |
| | 2 0 | 2 0 | | 0 25 | 1 61 |
| | 2 5 | 2 5 | | 0 25 | 1 61 |
| | 3 0 | 3 0 | | 0 58 | 1 94 |

## Step-Drawdown Pump Test

## February 20, 1989

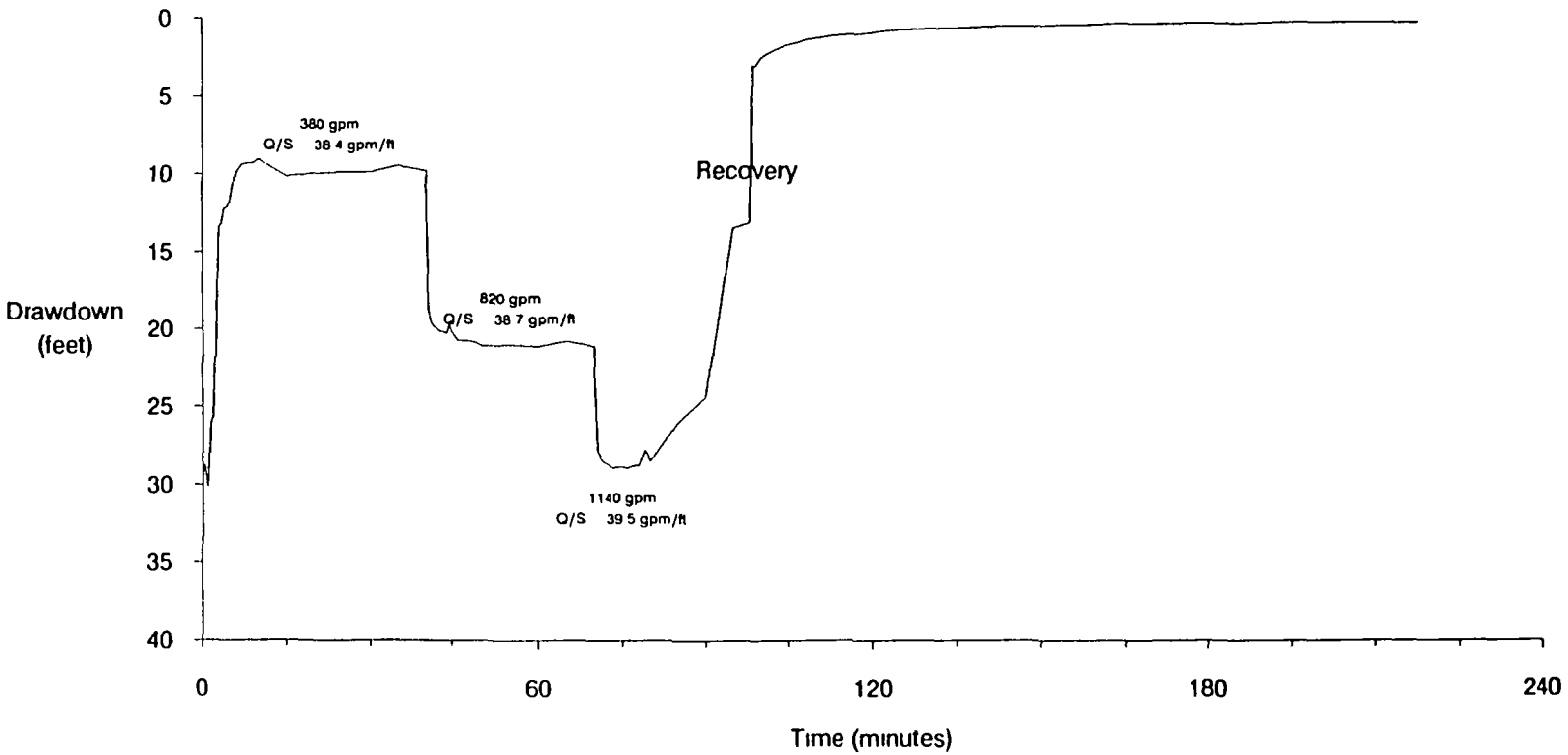
| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) |
|---|---|---|---|---|---|
| TMW88 5 con t | 3 5 | 3 5 | | 0 58 | 1 94 |
| | 4 0 | 4 0 | | 0 52 | 1 88 |
| | 4 5 | 4 5 | | 0 58 | 1 94 |
| | 5 0 | 5 0 | | 0 58 | 1 94 |
| | 6 0 | 6 0 | | 0 31 | 1 67 |
| | 7 0 | 7 0 | | 0 31 | 1 67 |
| | 8 0 | 8 0 | | 0 25 | 1 61 |
| | 9 0 | 9 0 | | 0 31 | 1 67 |
| | 10 0 | 10 0 | | 0 45 | 1 81 |
| | 15 0 | 15 0 | | 0 65 | 2 01 |
| | 20 0 | 20 0 | | 0 52 | 1 88 |
| | 25 0 | 25 0 | | 0 79 | 2 15 |
| | 30 0 | 30 0 | | 0 72 | 2 08 |
| | 35 0 | 35 0 | | | |
| | 36 0 | 36 0 | | 0 79 | 2 15 |
| | 40 0 | 40 0 | | 0 65 | 2 01 |
| | 40 5 | 40 5 | | 1 66 | 3 02 |
| | 41 0 | 41 0 | | 1 87 | 3 23 |
| | 41 5 | 41 5 | | 1 80 | 3 16 |
| | 42 0 | 42 0 | | 2 20 | 3 56 |
| | 42 5 | 42 5 | | 2 14 | 3 50 |
| | 43 0 | 43 0 | | 2 20 | 3 56 |
| | 43 5 | 43 5 | | 2 34 | 3 70 |
| | 44 0 | 44 0 | | 2 27 | 3 63 |
| | 44 5 | 44 5 | | 2 47 | 3 83 |
| | 45 0 | 45 0 | | 2 61 | 3 97 |
| | 46 0 | 46 0 | | 2 61 | 3 97 |
| | 47 0 | 47 0 | | 2 68 | 4 04 |
| | 48 0 | 48 0 | | 2 88 | 4 24 |
| | 49 0 | 49 0 | | 2 95 | 4 31 |
| | 50 0 | 50 0 | | 2 95 | 4 31 |
| | 55 0 | 55 0 | | 2 88 | 4 24 |
| | 60 0 | 60 0 | | 3 28 | 4 64 |
| | 65 0 | 65 0 | | 3 35 | 4 71 |
| | 70 0 | 70 0 | | 3 48 | 4 84 |
| | 70 5 | 70 5 | | 3 82 | 5 18 |

## Step-Drawdown Pump Test

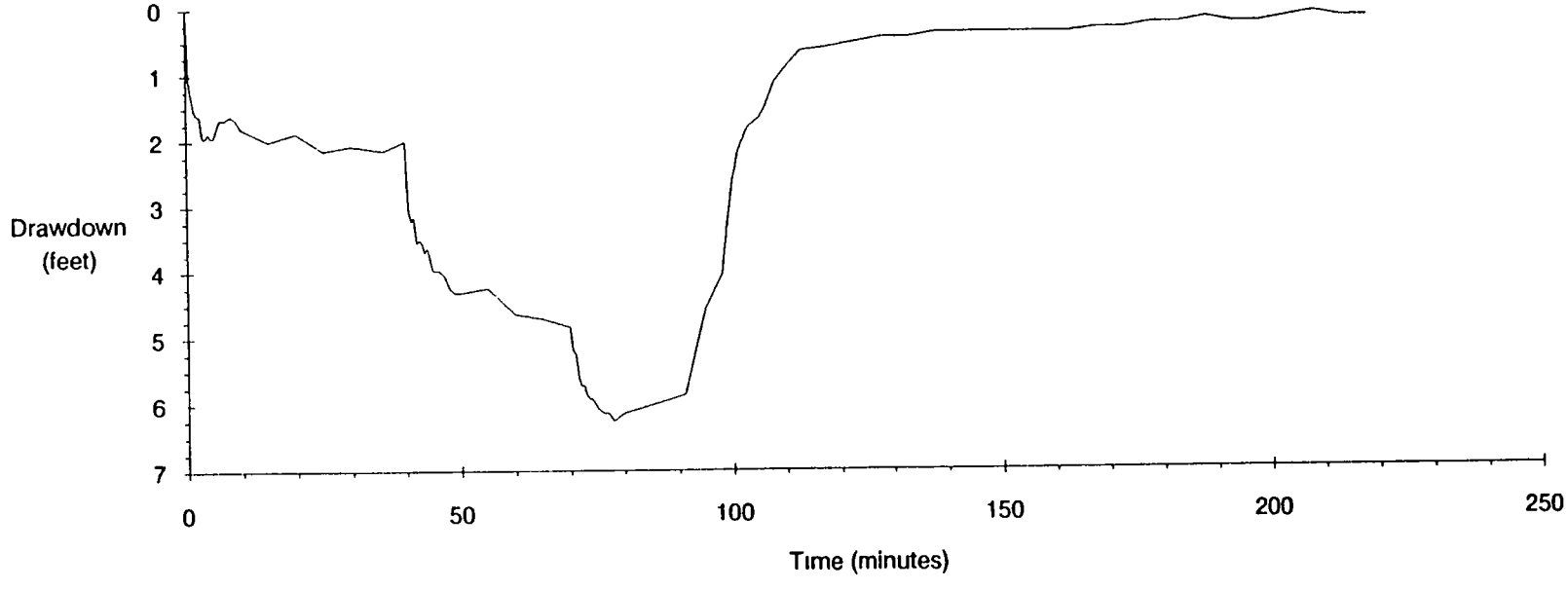
## February 20, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) |
|---|---|---|---|---|---|
| TMW88 5 con t | 71 0 | 71 0 | | 3 89 | 5 25 |
| | 71 5 | 71 5 | | 4 23 | 5 59 |
| | 72 0 | 72 0 | | 4 36 | 5 72 |
| | 72 5 | 72 5 | | 4 36 | 5 72 |
| | 73 0 | 73 0 | | 4 50 | 5 86 |
| | 73 5 | 73 5 | | 4 56 | 5 92 |
| | 74 0 | 74 0 | | 4 56 | 5 92 |
| | 74 5 | 74 5 | | 4 63 | 5 99 |
| | 75 0 | 75 0 | | 4 70 | 6 06 |
| | 76 0 | 76 0 | | 4 77 | 6 13 |
| | 77 0 | 77 0 | | 4 77 | 6 13 |
| | 78 0 | 78 0 | | 4 90 | 6 26 |
| | 79 0 | 79 0 | | 4 83 | 6 19 |
| | 80 0 | 80 0 | | 4 77 | 6 13 |
| | 84 0 | 84 0 | | | |
| | 86 0 | 86 0 | | 4 63 | 5 99 |
| | 88 0 | 88 0 | | | |
| | 91 0 | 91 0 | | 4 50 | 5 86 |
| | 92 0 | 92 0 | | | |
| | 95 0 | 95 0 | | 3 21 | 4 57 |
| | 98 0 | 98 0 | | 2 68 | 4 04 |

**Step-Drawdown Pump/Recovery Test**
**Interim Add-On Interceptor Well**
**February 20, 1989**
**Lindsay Mfg Co**



**Step-Drawdown Pump/Recovery Test**
**TMW88 5 Well**
**February 20, 1989**
**Lindsay Mfg Co**



# APPENDIX

## CONSTANT RATE PUMP/RECOVERY TEST DATA

## AND DRAWDOWN PLOTS

# Appendix

## Constant Rate Pump/Recovery Test

## February 21, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) | Pump Rate (gpm) |
|---|---|---|---|---|---|---|
| Add On Interceptor | 0 0 | 0 0 | | 11 11 | 0 20 | 1275 |
| | 0 5 | 0 5 | | 9 26 | 20 57 | |
| | 1 0 | 1 0 | | 15 50 | 26 81 | |
| | 1 5 | 1 5 | | 16 68 | 27 99 | |
| | 2 0 | 2 0 | | 16 12 | 27 43 | |
| | 2 5 | 2 5 | | 14 18 | 25 49 | |
| | 3 0 | 3 0 | | 14 39 | 25 70 | |
| | 3 5 | 3 5 | | 14 94 | 26 25 | |
| | 4 0 | 4 0 | | 15 22 | 26 53 | |
| | 4 5 | 4 5 | | 15 36 | 26 67 | |
| | 5 0 | 5 0 | | 15 64 | 26 95 | |
| | 6 0 | 6 0 | | 16 05 | 27 36 | 1160 |
| | 7 0 | 7 0 | | 16 19 | 27 50 | |
| | 8 0 | 8 0 | | 16 47 | 27 78 | |
| | 9 0 | 9 0 | | 16 68 | 27 99 | |
| | 10 0 | 10 0 | | 16 33 | 27 64 | |
| | 15 0 | 15 0 | | 16 82 | 28 13 | |
| | 20 0 | 20 0 | | 17 30 | 28 61 | 1150 |
| | 25 0 | 25 0 | | 17 51 | 28 82 | |
| | 30 0 | 30 0 | | 17 72 | 29 03 | 1150 |
| | 60 0 | 60 0 | | 18 41 | 29 72 | |
| | 90 0 | 90 0 | | 18 76 | 30 07 | 1160 |
| | 120 0 | 120 0 | | 18 89 | 30 20 | 1160 |
| | 150 0 | 150 0 | | 19 03 | 30 34 | |
| | 175 0 | 175 0 | | 19 10 | 30 41 | 1160 |
| | 180 0 | 180 0 | | 19 03 | 30 34 | 1165 |
| | 210 0 | 210 0 | | 19 10 | 30 41 | 1160 |
| | 231 0 | 231 0 | | 19 17 | 30 48 | 1165 |
| | 241 0 | 241 0 | | 19 10 | 30 41 | |
| | 241 5 | | 0 5 | 3 90 | 7 41 | |

# Appendix

## Constant Rate Pump/Recovery Test

## February 21, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) | Pump Rate (gpm) |
|---|---|---|---|---|---|---|
| Add On | 242 0 | | 1 0 | 5 22 | 6 09 | |
| Interceptor con t | 242 5 | | 1 5 | 5 98 | 5 33 | |
| | 243 0 | | 2 0 | -6 47 | 4 84 | |
| | 243 5 | | 2 5 | -6 82 | 4 49 | |
| | 244 0 | | 3 0 | 7 02 | 4 29 | |
| | 244 5 | | 3 5 | 7 23 | 4 08 | |
| | 245 0 | | 4 0 | 7 44 | 3 87 | |
| | 245 5 | | 4 5 | 7 65 | 3 66 | |
| | 246 0 | | 5 0 | 7 79 | 3 52 | |
| | 247 0 | | 6 0 | 7 99 | 3 32 | |
| | 248 0 | | 7 0 | -8 20 | 3 11 | |
| | 249 0 | | 8 0 | -8 34 | 2 97 | |
| | 250 0 | | 9 0 | -8 55 | 2 76 | |
| | 251 0 | | 10 0 | -8 62 | 2 69 | |
| | 256 0 | | 15 0 | 9 10 | 2 21 | |
| | 261 0 | | 20 0 | 9 45 | 1 86 | |
| | 266 0 | | 25 0 | 9 66 | 1 65 | |
| | 271 0 | | 30 0 | 9 80 | 1 51 | |
| | 301 0 | | 60 0 | 10 35 | 0 96 | |
| | 326 0 | | 85 0 | 10 49 | 0 82 | |
| | 331 0 | | 90 0 | 10 49 | 0 82 | |
| | 361 0 | | 120 0 | 10 35 | 0 96 | |
| | 390 0 | | 149 0 | 10 63 | 0 68 | |
| | 391 0 | | 150 0 | 10 77 | 0 54 | |
| | 414 0 | | 173 0 | 10 83 | 0 48 | |
| | 421 0 | | 180 0 | 10 83 | 0 48 | |
| | 449 0 | | 208 0 | 10 90 | 0 41 | |
| | 544 0 | | 303 0 | 11 04 | 0 27 | |
| | 575 0 | | 334 0 | 11 11 | 0 20 | |

# Appendix

## Constant Rate Pump/Recovery Test

## February 21, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) | Pump Rate (gpm) |
|---|---|---|---|---|---|---|
| MW87 3 | 0 0 | 0 0 | | 1 54 | 0 18 | |
| | 0 5 | 0 5 | | 3 42 | 5 14 | |
| | 1 0 | 1 0 | | 5 51 | 7 23 | |
| | 1 5 | 1 5 | | 6 40 | 8 12 | |
| | 2 0 | 2 0 | | 6 66 | 8 38 | |
| | 2 5 | 2 5 | | 6 53 | 8 25 | |
| | 3 0 | 3 0 | | 6 66 | 8 38 | |
| | 3 5 | 3 5 | | 6 91 | 8 63 | |
| | 4 0 | 4 0 | | 7 10 | 8 82 | |
| | 4 5 | 4 5 | | 7 23 | 8 95 | |
| | 5 0 | 5 0 | | 7 42 | 9 14 | |
| | 6 0 | 6 0 | | 7 67 | 9 39 | |
| | 7 0 | 7 0 | | 7 86 | 9 58 | |
| | 8 0 | 8 0 | | 8 05 | 9 77 | |
| | 9 0 | 9 0 | | 8 24 | 9 96 | |
| | 10 0 | 10 0 | | 8 24 | 9 96 | |
| | 15 0 | 15 0 | | 8 69 | 10 41 | |
| | 20 0 | 20 0 | | 9 01 | 10 73 | |
| | 25 0 | 25 0 | | 9 20 | 10 92 | |
| | 30 0 | 30 0 | | 9 39 | 11 11 | |
| | 60 0 | 60 0 | | 9 96 | 11 68 | |
| | 90 0 | 90 0 | | 10 28 | 12 00 | |
| | 120 0 | 120 0 | | 10 40 | 12 12 | |
| | 150 0 | 150 0 | | 10 53 | 12 25 | |
| | 174 0 | 174 0 | | 10 59 | 12 31 | |
| | 180 0 | 180 0 | | 10 66 | 12 38 | |
| | 209 0 | 209 0 | | 10 72 | 12 44 | |
| | 231 0 | 231 0 | | 10 78 | 12 50 | |
| | 241 0 | 241 0 | | 10 78 | 12 50 | |
| | 241 5 | | 0 5 | 5 32 | 7 04 | |

# Appendix

## Constant Rate Pump/Recovery Test

## February 21, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) | Pump Rate (gpm) |
|---|---|---|---|---|---|---|
| MW87 3 con t | 242 0 | | 1 0 | 4 11 | 5 83 | |
| | 242 5 | | 1 5 | 3 42 | 5 14 | |
| | 243 0 | | 2 0 | 3 03 | 4 75 | |
| | 243 5 | | 2 5 | 2 72 | 4 44 | |
| | 244 0 | | 3 0 | 2 46 | 4 18 | |
| | 244 5 | | 3 5 | 2 34 | 4 06 | |
| | 245 0 | | 4 0 | 2 08 | 3 80 | |
| | 245 5 | | 4 5 | 1 95 | 3 67 | |
| | 246 0 | | 5 0 | 1 76 | 3 48 | |
| | 247 0 | | 6 0 | 1 57 | 3 29 | |
| | 248 0 | | 7 0 | 1 38 | 3 10 | |
| | 249 0 | | 8 0 | 1 19 | 2 91 | |
| | 250 0 | | 9 0 | 1 07 | 2 79 | |
| | 251 0 | | 10 0 | 0 94 | 2 66 | |
| | 256 0 | | 15 0 | 0 49 | 2 21 | |
| | 261 0 | | 20 0 | 0 24 | 1 96 | |
| | 266 0 | | 25 0 | -0 01 | 1 71 | |
| | 271 0 | | 30 0 | -0 14 | 1 58 | |
| | 301 0 | | 60 0 | -0 65 | 1 07 | |
| | 325 0 | | 84 0 | -0 84 | 0 88 | |
| | 331 0 | | 90 0 | -0 84 | 0 88 | |
| | 361 0 | | 120 0 | -0 78 | 0 94 | |
| | 389 0 | | 148 0 | -0 97 | 0 75 | |
| | 421 0 | | 180 0 | 1 09 | 0 63 | |
| | 445 0 | | 204 0 | 1 22 | 0 50 | |
| | 451 0 | | 210 0 | 1 22 | 0 50 | |
| | 478 0 | | 237 0 | 1 29 | 0 43 | |
| | 542 0 | | 301 0 | 1 41 | 0 31 | |
| | 573 0 | | 332 0 | 1 41 | 0 31 | |

# Appendix

## Constant Rate Pump/Recovery Test

## February 21, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) | Pump Rate (gpm) |
|---|---|---|---|---|---|---|
| TMW88 6 | 55 0 | 55 0 | | 4 10 | | |
| | 84 0 | 84 0 | | 4 43 | | |
| | 112 0 | 112 0 | | 4 63 | | |
| | 140 0 | 140 0 | | 4 79 | | |
| | 168 0 | 168 0 | | 4 89 | | |
| | 200 0 | 200 0 | | 4 97 | | |
| | 226 0 | 226 0 | | 5 07 | | |
| | 272 0 | | 46 0 | 1 20 | | |
| | 304 0 | | 78 0 | 0 90 | | |
| | 333 0 | | 107 0 | 0 89 | | |
| | 366 0 | | 140 0 | 0 83 | | |
| | 404 0 | | 178 0 | 0 57 | | |
| | 423 0 | | 197 0 | 0 52 | | |
| | 456 0 | | 230 0 | 0 44 | | |
| | 489 0 | | 263 0 | 0 38 | | |
| | 551 0 | | 325 0 | 0 27 | | |
| MW87 2 | 47 0 | 47 0 | | 1 05 | | |
| | 76 0 | 76 0 | | 1 27 | | |
| | 106 0 | 106 0 | | 1 37 | | |
| | 134 0 | 134 0 | | 1 47 | | |
| | 162 0 | 162 0 | | 1 55 | | |
| | 194 0 | 194 0 | | 1 62 | | |
| | 221 0 | 221 0 | | 1 73 | | |
| | 262 0 | | 41 0 | 0 85 | | |
| | 293 0 | | 72 0 | 0 64 | | |
| | 322 0 | | 101 0 | 0 74 | | |
| | 352 0 | | 131 0 | 0 65 | | |
| | 392 0 | | 171 0 | 0 47 | | |
| | 410 0 | | 189 0 | 0 42 | | |
| | 444 0 | | 223 0 | 0 36 | | |

# Appendix

## Constant Rate Pump/Recovery Test

## February 21, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) | Pump Rate (gpm) |
|---|---|---|---|---|---|---|
| MW87 2 cont | 476 0 | | 255 0 | 0 30 | | |
| | 535 0 | | 314 0 | 0 18 | | |
| TMW88 7 | 50 0 | 50 0 | | 2 58 | | |
| | 80 0 | 80 0 | | 2 88 | | |
| | 109 0 | 109 0 | | 3 05 | | |
| | 139 0 | 139 0 | | 3 16 | | |
| | 165 0 | 165 0 | | 3 27 | | |
| | 197 0 | 197 0 | | 3 32 | | |
| | 224 0 | 224 0 | | 3 40 | | |
| | 268 0 | | 44 0 | 1 04 | | |
| | 298 0 | | 74 0 | 0 82 | | |
| | 328 0 | | 104 0 | 0 84 | | |
| | 361 0 | | 137 0 | 0 81 | | |
| | 399 0 | | 175 0 | 0 47 | | |
| | 418 0 | | 194 0 | 0 45 | | |
| | 451 0 | | 227 0 | 0 40 | | |
| | 484 0 | | 260 0 | 0 31 | | |
| | 546 0 | | 322 0 | 0 25 | | |
| MW87 5 | 44 0 | 44 0 | | 2 00 | | |
| | 74 0 | 74 0 | | 2 30 | | |
| | 105 0 | 105 0 | | 2 43 | | |
| | 132 0 | 132 0 | | 2 56 | | |
| | 160 0 | 160 0 | | 2 61 | | |
| | 192 0 | 192 0 | | 2 72 | | |
| | 219 0 | 219 0 | | 2 77 | | |
| | 258 0 | | 39 0 | 0 97 | | |
| | 289 0 | | 70 0 | 0 66 | | |
| | 318 0 | | 99 0 | 0 67 | | |
| | 353 0 | | 134 0 | 0 60 | | |
| | 392 0 | | 173 0 | 0 43 | | |

# Appendix

## Constant Rate Pump/Recovery Test

## February 21, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) | Pump Rate (gpm) |
|---|---|---|---|---|---|---|
| MW87 5 cont | 410 0 | | 191 0 | 0 41 | | |
| | 444 0 | | 225 0 | 0 35 | | |
| | 476 0 | | 257 0 | 0 29 | | |
| | 536 0 | | 317 0 | 0 21 | | |
| TMW88 4 | 41 0 | 41 0 | | 1 00 | | |
| | 70 0 | 70 0 | | 1 50 | | |
| | 101 0 | 101 0 | | 1 89 | | |
| | 128 0 | 128 0 | | 2 13 | | |
| | 157 0 | 157 0 | | 2 35 | | |
| | 187 0 | 187 0 | | 2 55 | | |
| | 216 0 | 216 0 | | 2 69 | | |
| | 252 0 | | 36 0 | 1 96 | | |
| | 279 0 | | 63 0 | 1 52 | | |
| | 312 0 | | 96 0 | 1 26 | | |
| | 343 0 | | 127 0 | 1 17 | | |
| | 384 0 | | 168 0 | 0 91 | | |
| | 402 0 | | 186 0 | 0 85 | | |
| | 435 0 | | 219 0 | 0 72 | | |
| | 468 0 | | 252 0 | 0 62 | | |
| | 527 0 | | 311 0 | 0 46 | | |
| P 9 | 19 0 | 19 0 | | -0 10 | | |
| | 38 0 | 38 0 | | 2 45 | | |
| | 68 0 | 68 0 | | 2 89 | | |
| | 99 0 | 99 0 | | 3 10 | | |
| | 125 0 | 125 0 | | 3 20 | | |
| | 155 0 | 155 0 | | 3 30 | | |
| | 185 0 | 185 0 | | 3 39 | | |
| | 214 0 | 214 0 | | 3 52 | | |
| | 248 0 | | 34 0 | 1 22 | | |
| | 281 0 | | 67 0 | 0 83 | | |

# Appendix

## Constant Rate Pump/Recovery Test

## February 21, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) | Pump Rate (gpm) |
|---|---|---|---|---|---|---|
| P 9 con t | 307 0 | | 93 0 | 0 94 | | |
| | 339 0 | | 125 0 | 0 82 | | |
| | 380 0 | | 166 0 | 0 52 | | |
| | 399 0 | | 185 0 | 0 49 | | |
| | 430 0 | | 216 0 | 0 39 | | |
| | 463 0 | | 249 0 | 0 64 | | |
| | 523 0 | | 309 0 | 0 22 | | |
| TMW88 9 | 18 0 | 18 0 | | 1 88 | | |
| | 37 0 | 37 0 | | 2 47 | | |
| | 66 0 | 66 0 | | 2 91 | | |
| | 98 0 | 98 0 | | 3 14 | | |
| | 123 0 | 123 0 | | 3 25 | | |
| | 153 0 | 153 0 | | 3 35 | | |
| | 183 0 | 183 0 | | 3 48 | | |
| | 212 0 | 212 0 | | 3 54 | | |
| | 245 0 | | 33 0 | 1 25 | | |
| | 278 0 | | 66 0 | 0 80 | | |
| | 304 0 | | 92 0 | 0 91 | | |
| | 335 0 | | 123 0 | 0 83 | | |
| | 377 0 | | 165 0 | 0 54 | | |
| | 396 0 | | 184 0 | 0 47 | | |
| | 427 0 | | 215 0 | 0 41 | | |
| | 460 0 | | 248 0 | 0 32 | | |
| | 519 0 | | 307 0 | 0 25 | | |
| TMW88 5 | 0 0 | 0 0 | | 0 00 | | |
| | 12 0 | 12 0 | | 5 33 | | |
| | 23 0 | 23 0 | | 6 09 | | |
| | 28 0 | 28 0 | | 6 22 | | |
| | 32 0 | 32 0 | | 6 35 | | |
| | 63 0 | 63 0 | | 7 00 | | |

# Appendix

## Constant Rate Pump/Recovery Test

## February 21, 1989

| Well | Elapsed Time (minutes) | Time Since Pump Started (minutes) | Time Since Pump Stopped (minutes) | Drawdown (feet) | Corrected Drawdown (feet) | Pump Rate (gpm) |
|---|---|---|---|---|---|---|
| TMW88 5 con t | 92 0 | 92 0 | | 7 25 | | |
| | 118 0 | 118 0 | | 7 41 | | |
| | 146 0 | 146 0 | | 7 55 | | |
| | 172 0 | 172 0 | | 7 64 | | |
| | 204 0 | 204 0 | | 7 74 | | |
| | 228 0 | 228 0 | | 7 80 | | |
| | 236 0 | 236 0 | | 7 83 | | |
| | 248 0 | | 12 0 | 2 36 | | |
| | 253 0 | | 17 0 | 2 02 | | |
| | 258 0 | | 22 0 | 1 81 | | |
| | 264 0 | | 28 0 | 1 51 | | |
| | 286 0 | | 50 0 | 1 07 | | |
| | 317 0 | | 81 0 | 0 84 | | |
| | 349 0 | | 113 0 | 1 00 | | |
| | 383 0 | | 147 0 | 0 63 | | |
| | 418 0 | | 182 0 | 0 50 | | |
| | 436 0 | | 200 0 | 0 45 | | |
| | 470 0 | | 234 0 | 0 38 | | |
| | 541 0 | | 305 0 | 0 28 | | |
| | 565 0 | | 329 0 | 0 23 | | |

# APPENDIX VIII

B HWST Four-Hour Recovery Pump Test

HOSKINS-WESTERN SONDEREGGER INC
ENGINEERS ARCHITECTS PLANNERS
LINCOLN NEBRASKA

CALCULATIONS FOR

TABULATION SHEET

COMPUTED BY LW DATE 12/22/87 SHEET NO ____ OF ____
CHECKED BY ____ DATE ____ JOB NUMBER 47[illegible]20
PROJECT Lindsay Manufacturing

Lindsay pump test - 4 hr
on 12/21/87

Stop pump 9 4[illegible]
Start pump 2 05

| Top of aquifer | | Well # | Elev top of casing | Screen interval from | Screen interval to | Saturated thickness of aquifer | Radial Separation | Bottom of Aquifer | Static Water level at 2 44 |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | |
| 1627 | 1 | P-1 | 1677 36 | 70 | 90 | 49' | 147 | 1578 | 2900 |
| | | 82-2m | 1678 1 | 49 | 61 | 45' | 1924 | | 30 20 |
| 1627 | | P-2 | 167593 | 70 | 90 | 49' | 19. 8 | 1578 | 2773 |
| | | P-3 | 1672 30 | 70 | 90 | 49' | 198 | | 24. 48 |
| | 5 | P 4 | 167528 | 70 | 90 | 49' | 190 | | 27 30 |
| | | P 6 | 167538 | 70 | 90 | 17' | 121 1 | | 26 98 |
| | | P-7 | 167496 | 70 | 90 | 48' | 1712 | | 2712 |
| | | P-8 | 167439 | 70 | 90 | 44' | 308 | | 26 92 |
| | | P-9 | 167455 | 70 | 90 | 45' | 7335 | | 2709 |
| | 10 | | | | | | | Bottom of Aquifer | |
| 1628 | | 87-1 | 167482 | 52 | 85 | 43' | 627 01 | 1585 | 2652 |
| 1622 | | 87 2 | 166291 | 47 | 93 | 43' | 1037.6 | 1579 | 20 61 |
| 1621 | | 87-3 | 169112 | 77 | 123 | 49' | 12582 | 1572 | 50 61 |
| 1625 | | 87-4 | 173635 | 123 | 168 | 55' | 8594 | 1570 | 9114 |
| 1620 | 15 | 87-5 | 167641 | 56 | 103 | 44' | 1301 2 | 1576 | 29.56 |
| 1628 | | 87-6 | 167775 | 53 | 94 | 48' | 308 1 | 1580 | 3152 |
| 1627 | | 87-7 | 167535 | 73 | 104 | 51' | 1990 | 1576 | 2714 |
| 1627 | | 87-8 | 167863 | 83 | 106 | 77' | 2108 | 1580 | 3678 |
| | | | | | | | | | |
| 1627 | 20 | Old well | 16796 | 53 | 100 | 47' | 292 | 1580 | 3144 |
| | | | | | | | | | |
| 1627 | | Interceptor well | 167538 | 55 | 93 | 49' | — | 1578 | 2746 |
| | | | | | | | | | |
| | | | | | | | | | |
| | 25 | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | 30 | | | | | | | | |

HOSKINS-WESTERN SONDEREGGER INC
ENGINEERS ARCHITECTS PLANNERS
LINCOLN NEBRASKA

CALCULATIONS FOR

TABULATION SHEET

COMPUTED BY PW DATE 12/27/87 SHEET NO ___ OF ___
CHECKED BY ___ DATE ___ JOB NUMBER 47/220
PROJECT Lindsay Manufacturing

Lindsay Pumptest - 4 hr on 12/21/87

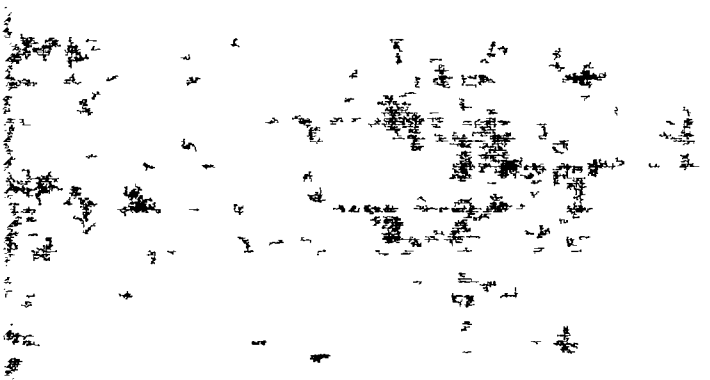
Stop pump 9:40a
Start pump 2:05p

| Top of aquifer | Well # | Elev top of casing | Screen interval from | to | Saturated thickness of aquifer | Radial Separation | Bottom of Aquifer | Static Water level at 2:44 |
|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | |
| 1627 | P-1 | 1677 36 | 70 | 90 | 49' | 147 | 1578 | 29 00 |
| | 82-2m | 1678 1 | 49 | 61 | 45' | 192 4 | | 30 20 |
| 1627 | P 2 | 1675 93 | 70 | 90 | 49' | 19.8 | 1578 | 27 73 |
| | P-3 | 1672 30 | 70 | 90 | 49' | 19.8 | | 24.48 |
| | P 4 | 1675 28 | 70 | 90 | 49' | 19 0 | | 27 30 |
| | P-6 | 1675 38 | 70 | 90 | 47' | 121 1 | | 26 98 |
| | P-7 | 1674 96 | 70 | 90 | 48' | 171 2 | | 27 12 |
| | P-8 | 1674 39 | 70 | 90 | 44' | 308 | | 26 92 |
| | P-9 | 1674 55 | 70 | 90 | 45' | 733.5 | | 27 09 |
| | | | | | | | Bottom of Aquifer | |
| 1628 | 87-1 | 1674 82 | 52 | 85 | 43' | 679 01 | 1585 | 26 52 |
| 1622 | 87 2 | 1667 91 | 47 | 93 | 43' | 1037.6 | 1579 | 20 61 |
| 1621 | 87-3 | 1697 72 | 77 | 123 | 49' | 1238 2 | 1572 | 50 61 |
| 1625 | 87-4 | 1736 35 | 123 | 168 | 55' | 859 4 | 1570 | 91 14 |
| 1620 | 87-5 | 1676 47 | 58 | 103 | 44' | 1301 2 | 1576 | 29.56 |
| 1628 | 87-6 | 1679 75 | 53 | 94 | 48' | 308 1 | 1580 | 31 52 |
| 1627 | 87-7 | 1675 35 | 95 | 104 | 51' | 199 0 | 1576 | 27 74 |
| 1627 | 87-8 | 1678 63 | 83 | 106 | 47' | 210.8 | 1580 | 30 78 |
| | | | | | | | | |
| 1627 | old well | 1679 6 | 53 | 100 | 47' | 205 2 | 1580 | 31 44 |
| | | | | | | | | |
| 1627 | Interceptor well | 1675 38 | 55 | 95 | 49' | — | 1578 | 27 40 |

Lindsay

4hr pump test 12/21/87

| DATE | TIME | METER ACRE FEET | RATE PUMPED | |
|---|---|---|---|---|
| 21-Dec-87 | 00 15 | 985 979 | | |
| 21-Dec-87 | 02 15 | 986 244 | 720 | |
| 21-Dec-87 | 04 15 | 986 509 | 720 | |
| 21-Dec-87 | 06 15 | 986 774 | 720 | |
| 21-Dec-87 | 08 15 | 987 014 | 652 | PUMP TURNED OFF |
| 21-Dec-87 | 09 45 | 987 15 | 493 | AT 9 40 |
| 21-Dec-87 | 14 25 | 987 156 | 7 | PUMP TURNED ON |
| 21-Dec-87 | 16 30 | 987 369 | 553 | AT 14 05 |



# AQUIFER TEST DATA

Owner Lindsay Address ____ County ____ State ____

e ____ Company performing test ____ Measured by ____

Well No Interceptor well Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ ($t_0$)
Pump off Date ____ Time ____ ($t'_0$)
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

| Date | Clock time | Time since pump started $t$ | Time since pump stopped $t'$ | $t/t'$ | | Water level measurement | Correction or Conversion | Water level | Water level change $s$ or $s'$ | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 758 | | | | | 36 44 | | | | | | | | |
| | 930 | | | | | 36 14 | | | | | | | | |
| | | | | | | | | | | | stop | 940 | | 36 7 p s in |
| | 941 | | | | | 31 80 | | | | | | | | |
| | 954 | | | | | 28 56 | | | | | | | | |
| | | 1007 | | | | 28 16 | | | | | | | | |
| | | 1025 | | | | 27 92 | | | | | | | | |
| | | 1033 | - | | - | 27 98 | | - | | | | | | — |
| | | 1057 | | | | 27 76 | | | | | | | | |
| | | 1059 | | | | 27 74 | | | | | | | | |
| | | 117 | | | | 27 66 | | | | | | | | |
| | | 127 | | | | 27 66 | | | | | | | | |
| | | 1137 | | | | 27 68 | | | | | | | | |
| | | 153 | | | | 27 69 | | | | | | | | |
| | | 1202 | | | | 27 7 | | | | | | | | |
| | | 1221 | | | | 27 68 | | | | | | | | |
| | | 1233 | | | | 27 64 | | | | | | | | |
| | | 143 | | | | 27 61 | | | | | | | | |
| | | 105 | or 1305 | | | 27 53 | | | | | | | | |
| | | 131 | | | | 27 45 | | | | | | | | |
| | | 134 | | | | 27 15 | | | | | | | | |
| | | 205 | | | | 27 40 | — | 2 seconds | before | pump | was | turned | back | on |
| | | 23 | | | | 34 44 | | | | | | | | |
| | | 229 | | | | 35 13 | | | | | | | | |
| | | | | | | 25 54 | | | | | | | | 2 57 |
| | | | | | | 35 46 | | | | | | | | - 16 |
| | | | | | | 35 80 | | | | | | | | 34 |
| | | | | | | 50 | | | | | | | | 5 49 |
| | | | | | | 35 8 | | | | | | | | 4 10 |

# AQUIFER TEST DATA

Owner _____ Address _____ County _____ State _____

_____ Company performing te t _____ Measured by _____

Well No _____ Distance from pumping well _____ Type of test _____ Test No _____

Measuring equipment _____

**Time Data**
Pump on Date _____ Time _____ ($t'$)
Pump off Date _____ Time _____ ($t_0$)
Duration of aquifer test
Pumping _____ Recovery _____

**Water Level Data**
Static water level _____
Measuring point _____
Elevation of measuring point _____

**Discharge Data**
How Q measured _____
Depth of pump/air line _____
Previous pumping? Yes ____ No ____
Duration _____ End _____

| Date | Clock time | Time since pump started $t$ | Time since pump stopped $t'$ | $t/t'$ | | Water level measurement | Correction or Conversion | Water level | Water level change $s$ or $s$ | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 3578 | | | | | | | | 427 |
| | | | | | | 3578 | | | | | | | | 443 |
| | | | | | | 3578 | | | | | | | | 452 |
| | | | | | | 3572 | | | | | | | | 509 |
| | | | | | | 3570 | | | | | | | | 517 |
| | | | | | | 3570 | | | | | | | | 533 |
| | | | | | | 3570 | | | | | | | | 540 |
| | | | - | - | - | 3568 | | | | | | | | 559 |
| | | | | | | 3569 | | | | | | | | 617 |

| Date | Time | Water use ft | Depth to | pH | T |
|---|---|---|---|---|---|
| 12/19/87 | 0550 | 983 509 | 39 9½ | 6.14 | 11° |
| 12/20/87 | 0750 | 983 786 | 39 9 | 6.02 | 11 |
| 12/20/87 | 0950 | 984 042 | 39 7 | 6.20 | 11° |
| 12/20/87 | 1150 | 984 316 | 39 10 | 6 01 | 11° |
| 12/20/87 | 1350 | 984 600 | 39 4 | 5 96 | 11° |
| 12/20/87 | 1600 | 984 866 | 39 11 | 6.06 | 11° |
| 12/20/87 | 1800 | 985 135 | 40 0 | 6 09 | 11 |
| 12/20/87 | 2000 | 985 405 | 40 0 | 6 05 | 11 |
| 12/20/87 | 2200 | 985 672 | 40 0 | 6 03 | 11° |
| 12/21/87 | 2415 | 985 919 | 39 11½ | 5 93 | 1 |
| 12/21/87 | 0215 | 986 744 | 40 | 5 96 | 1 |
| 12/21/87 | 0415 | 986 509 | 40 ½ | 5 91 | 1 |
| 12/21/87 | 0615 | 986 774 | 40 0 | 5 94 | 1 |
| 12/21/87 | 0815 | 987 014 | 41 | 5 90 | 11° |
| 12/21/87 | 0943 | 987,150 | 36 7 | 5 92 | 1 |
| 12/21/87 | 1425 | 987 156 | 37 1 | 5 92 | 11° |
| 12/21/87 | 1630 | 987 368 | 359 | 5 95 | 11° |

Interceptor Well Data

Page ____ of ____

# AQUIFER TEST DATA

Owner Lindsay Address ____ County ____ State ____

e ____ Company performing test ____ Measured by ____

Well No. 82-2M Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

| Time Data | Water Level Data | Discharge Data | Comments on factors affecting test data |
|---|---|---|---|
| Pump on Date ____ Time ____ (t) | Static water level ____ | How Q measured ____ | |
| Pump off Date ____ Time ____ (t') | Measuring point ____ | Depth of pump/air line ____ | |
| Duration of aquifer test | Elevation of measuring point ____ | Previous pumping? Yes ____ No ____ | |
| Pumping ____ Recovery ____ | | Duration ____ End ____ | |

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8.09 | | | | | 32 98 | | | | | | | | |
| | 9 42 | | | | | 31 86 | | | | | | | | |
| | 10 02 | | | | | 30 95 | | | | | | | | |
| | 10 09 | | | | | 30 863 | | | | | | | | |
| | | 10 27 | | | | 30 705 | | | | | | | | |
| | | 10 34 | | | | 30 66 | | | | | | | | |
| | | 10 54 | | | | 30 56 | | | | | | | | |
| | | 11 00 | | | | 30 52 | | | | | | | | |
| | | 11 19 | | | | 30 50 | | | | | | | | |
| | | 11 32 | | | | 30 52 | | | | | | | | |
| | | 11 50 | | | | 30 52 | | | | | | | | |
| | | 11 57 | | | | 30 54 | | | | | | | | |
| | | 12 18 | | | | 30 54 | | | | | | | | |
| | | 12 35 | | | | 30 46 | | | | | | | | |
| | | 12 55 | | | | 30 33 | | | | | | | | |
| | | 1 16 or 13 16 | | | | 30 29 | | | | | | | | |
| | | 1 33 | | | | 30 24 | | | | | | | | |
| | | 1 53 | | | | 30 20 | | | | | | | | |
| | | 2 18 | | | | 31 60 | | | | | | | | |
| | | 2 36 | | | | 31 91 | | | | | | | | |
| | | | | | | 32 10 | | | | | | | | 2 55 |
| | | | | | | 32 25 | | | | | | | | 3 11 |
| | | | | | | 32 36 | | | | | | | | 3 31 |
| | | | | | | 32 42 | | | | | | | | 3 45 |
| | | | | | | 32 42 | | | | | | | | 4 07 |
| | | | | | | 32 39 | | | | | | | | 4 19 |
| | | | | | | 32 35 | | | | | | | | 4 40 |
| | | | | | | 32 34 | | | | | | | | 4 49 |
| | | | | | | 32 33 | | | | | | | | 5 06 |

# AQUIFER TEST DATA

Owner MW 82/2M Address _____ County _____ State _____

e _____ Company performing test _____ Measured by _____

Well No _____ Distance from pumping well _____ Type of test _____ Test No _____

Measuring equipment _____

**Time Data**
Pump on Date _____ Time _____ ($t_0$)
Pump off Date _____ Time _____ ($t'$)
Duration of aquifer test
Pumping _____ Recovery _____

**Water Level Data**
Static water level _____
Measuring point _____
Elevation of measuring point _____

**Discharge Data**
How Q measured _____
Depth of pump/air line _____
Previous pumping? Yes ___ No ___
Duration _____ End _____

| Date | Clock time | Time since pump started $t$ | Time since pump stopped $t'$ | $t/t'$ | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 32 33 | | | | | | | | 5 13 |
| | | | | | | 32 32 | | | | | | | | 5 30 |
| | | | | | | 32 31 | | | | | | | | 5 37 |
| | | | | | | 32 31 | | | | | | | | 5 55 |
| | | | | | | 32 32 | | | | | | | | 6 14 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | --- | -- | --- | -- | — | | | | | | | --- |

# AQUIFER TEST DATA

Owner Lindsey Address ____ County ____ State ____

Company performing test ____ Measured by ____

Well No P-1 Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ (t)
Pump off Date ____ Time ____ (t')
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s' | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8 00 | | | | | 32 45 | | | | | | | | |
| | | | | | | 30.38 | | | | | | | | 9'18 |
| | | | | | | 29.79 | | | | | | | | 10.07 |
| | | | | | | 29 62 | | | | | | - | | 10 21 |
| | | | | | | 29.37 | | | | | | | | 10'38 |
| | | | | | | 29.46 | | | | | | | | 10 52 |
| | | | | | | 29.31 | | | | | | | | 11'13 |
| - | | | --- | --- | --- | 29.53 | - | | | | | | -- | 11.31 |
| | | | | | | 29 34 | | | | | | | | 11 48 |
| | | | | | | 29.26 | | | | | | | | 12 27 (CR) |
| | | | | | | 2916 | | | | | | | | 1 03 |
| | | | | | | 2906 | | | | | | | | 1 37 |
| | | | | | | 29 04 | | | | | | | | 1 46 |
| | | | | | | 29 0 | | | | | | | | 1 58 |
| | | | | | | 31 05 | | Pump on | 2 | 05 | | | | 2 21 |
| | | | | | | 31 33 | | | | | | | | 2 37 |
| | | | | | | 31 60 | | | | | | | | 3 06 |
| | | | | | | 31.75 | | | | | | | | 3.26 |
| | | | | | | 31 88 | | | | | | | | 3'55 |
| | | | | | | 3185 | | | | | | | | 4 12 |
| | | | | | | 3178 | | | | | | | | 4 43 |
| | | | | | | 3177 | | | | | | | | 4 58 |
| | | | | | | 31.76 | | | | | | | | 5 13 |
| | | | | | | 3176 | | | | | | | | 5 27 |
| | | | | | | 3176 | | | | | | | | 5 40 |
| | | | | | | 3174 | | | | | | | | 5 56 |
| | | | | | | 3175 | | | | | | | | 6 10 |

# AQUIFER TEST DATA

Owner Lindsay Address ____ County ____ State ____

Company performing test ____ Measured by ____

Well No P-2 Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ ($t_e$)
Pump off Date ____ Time ____ ($t'_e$)
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

| Date | Clock time | Time since pump started $t$ | Time since pump stopped $t'$ | $t/t'$ | | Water level measurement | Correction or Conversion | Water level | Water level change $s$ or $s'$ | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 9 29 | | | | | 33 42 | | | | | | | | Note P 2 is broken off TOC MP 55 which is .27' above ground surface |
| | 9 55 | | | | | 28 72 | | | | | | | | |
| | | 10 24 | | | | 26 24.5 | | | | | | | | |
| | | 10 47 | | | | 25 10 | | | | | | | | |
| | | 11 16 | | | | 280 | | | | | | | | |
| | | 11 41 | | | | 28 0 | | | | | | | | |
| | | 12 05 | | | | 28 04 | | | | | | | | |
| - | | | — | — | — | — | - - | | | | | - - | | - — |
| | | 12 38 | | | | 27 96 | | | | | | | | |
| | | 1 06 | or 13 06 | | | 27 83 | | | | | | | | |
| | | 1 46 | | | | 27 73 | 0 | | | | | | | |
| | | 2 30 | | | | 32 42 | | | | | | | | |
| | | | | | | 32 85 | | | | | | | | 3 09 |
| | | | | | | 32 92 | | | | | | | | 3 20 |
| | | | | | | 33 02 | | | | | | | | 4 15 |
| | | | | | | 32 90 | | | | | | | | 4 31 |
| | | | | | | 32 94 | | | | | | | | 4 56 |
| | | | | | | 3294 | | | | | | | | 5 20 |
| | | | | | | 3294 | | | | | | | | 5 45 |
| | | | | | | 3292 | | | | | | | | 6 03 |

Page _____ of _____

# AQUIFER TEST DATA

Owner Lindsay Address _____ County _____ State _____

e _____ Company performing test _____ Measured by _____

Well No P-3 Distance from pumping well _____ Type of test _____ Test No _____

Measuring equipment _____

| Time Data | Water Level Data | Discharge Data | Comments on factors affecting test data |
|---|---|---|---|
| Pump on Date _____ Time _____ (f) | Static water level _____ | How Q measured _____ | |
| Pump off Date _____ Time _____ (f₀) | Measuring point _____ | Depth of pump/air line _____ | |
| Duration of aquifer test | Elevation of measuring point _____ | Previous pumping? Yes _____ No _____ | |
| Pumping _____ Recovery _____ | | Duration _____ End _____ | |

| Date | Clock time | Time since pump started t | Time since pump stopped t'₀ | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 9 27 | | | | | 30 28 | | | | | | | | P 3 is broken off mp is g 5 |
| | 9 4 | | | | | 25 60 | | | | | | | | |
| | | 10 23 | | | | 25 02 | | | | | | | | |
| | | 10 46 | | | | 24 80 | | | | | | | | |
| | | 11 15 | 11 15 | | | 24 74 | | | | | | | | |
| | | | 11 40 | | | 24 78 | | | | | | | | |
| | | | 12 06 | | | 24.72 | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | 12 42 | | | 24 80 | | | | | | | | GB had hard time |
| | | | 1 12 | | | 24.53 | | | | | | | | getting any readin |
| | | | 1 49 | | | 24 48 | ← | | | | | | | |
| | | | 2 33 | | | 29 26 | | | | | | | | |
| | | | | | | 29 64 | | | | | | | | 3 06 |
| | | | | | | 29 70 | | | | | | | | 3 19 |
| | | | | | | 29 82 | | | | | | | | 4 14 |
| | | | | | | 29 76 | | | | | | | | 4 30 |
| | | | | | | 29 78 | | | | | | | | 4 51 |
| | | | | | | 29.76 | | | | | | | | 5 11 |
| | | | | | | 29.82 | | | | | | | | 5 4 |
| | | | | | | 29.78 | | | | | | | | 6 12 |

Page _____ of _____

# AQUIFER TEST DATA

Owner Lindsay Address _____ County _____ State _____

e _____ Company performing test _____ Measured by _____

Well No P-4 Distance from pumping well _____ Type of test _____ Test No _____

Measuring equipment _____

**Time Data**
Pump on Date _____ Time _____ (t)
Pump off Date _____ Time _____ ($t_0$)
Duration of aquifer test
Pumping _____ Recovery _____

**Water Level Data**
Static water level _____
Measuring point _____
Elevation of measuring point _____

**Discharge Data**
How Q measured _____
Depth of pump/air line _____
Previous pumping? Yes ___ No ___
Duration _____ End _____

Comment on factors affecting test data

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 57 | | | | | 33 54 | | | | | | | | |
| | 9 53 | | | | | 28 46 | | | | | | | | |
| | | 10 45 | | | | 27 94 | | | | | | | | |
| | | 10 58 | | | | 27.74 | | | | | | | | |
| | | 11 13 | | | | 27 62 | | | | | | | | |
| | | 1 38 | | | | 27 58 | | | | | | | | |
| | | 12 04 | | | | 27 62 | | | | | | | | |
| | | 12 45 | — | | | 27 52 | | | | | | | | |
| | | 1 14 | | | | 27 42 | | | | | | | | |
| | | 1 51 | | | | 27 30 | | | | | | | | |
| | | | | | | 32 68 | | | | | | | | 3 08 |
| | | | | | | 32 72 | | | | | | | | 3 18 |
| | | | | | | 32 88 | | | | | | | | 4 12 |
| | | | | | | 32 82 | | | | | | | | 4 29 |
| | | | | | | 32 [illegible] | | | | | | | | 4 53 |
| | | | | | | 32 76 | | | | | | | | 5 18 |
| | | | | | | 32 76 | | | | | | | | 5 42 |
| | | | | | | 32 76 | | | | | | | | 6 [illegible] |

# AQUIFER TEST DATA

Owner Lindsay Address ____ County ____ State ____

____ Company performing test ____ Measured by ____

Well No P-6 Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ (t)
Pump off Date ____ Time ____ (t')
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

Comments on factors affecting test data

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 802 | | | | | 2053 | | | | | | | | |
| | 559 | | | | | 2782 | | | | | | | | |
| | | 1020 | | | | 2750 | | | | | | | | |
| | | 1048 | | | | 2730 | | | | | | | | |
| | | 1114 | | | | 2720 | | | | | | | | |
| | | 1142 | | | | 2720 | | | | | | | | |
| | | 1208 | | | | 2722 | | | | | | | | |
| | | | — | — | — | — | — | | | | | | — | |
| | | 103 | 1303 | | | 2706 | | | | | | | | |
| | | 129 | | | | 2698 | — | | | | | | | |
| | | 212 | | | | 2872 | | | | | | | | |
| | | 227 | | | | 2926 | | | | | | | | |
| | | | | | | 2968 | | | | | | — | | 305 |
| | | | | | | 2980 | | | | | | | | 323 |
| | | | | | | 2994 | | | | | | | | 357 |
| | | | | | | 2986 | | | | | | | | 433 |
| | | | | | | 2986 | | | | | | | | 459 |
| | | | | | | 2985 | | | | | | | | 512 |
| | | | | | | 2984 | | | | | | | | 546 |
| | | | | | | 2984 | | | | | | | | 6 cr |

# AQUIFER TEST DATA

Owner Lindsay Address ____ County ____ State ____

[redacted] Company performing test ____ Measured by ____

Well No P-7 Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ (t₀)
Pump off Date ____ Time ____ (t')
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

Comments on factors affecting test data

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 754 | | | | | 27 39 | | | | | | | | Something is strange here! |
| | 952 | | | | | 27 96 | | | | | | | | |
| | | 10 19 | | | | 27 42 | | | | | | | | |
| | | 10 49 | | | | 27 24 | | | | | | | | |
| | | 11 11 | | | | 27.15 | | | | | | | | |
| | | 11 45 | | | | 27 12 | — | | | | | | | |
| | | 11 12 | | | | 27 17 | | | | | | | | |
| | | 2 01 | - | | | 26.64 | ? | | | | | | -- | GB had hard time getting any readings |
| | | 3 03 | | | | 28 78 | | | | | | | | |
| | | | | | | 2892 | | | | | | | | 3 27 |
| | | | | | | 291 | ? | | | | | | | 4 02 |
| | | | | | | 2898 | | | | | | | | 4 37 |
| | | | | | | 2896 | | | | | | | | 5 03 |
| | | | | | | 2892 | | | | | | | | 5 27 |
| | | | | | | 2890 | | | | | | | | 5 52 |
| | | | | | | 2892 | | | | | | | | 6 11 |

# AQUIFER TEST DATA

Owner Lindsay Address ____ County ____ State ____

____ Company performing test ____ Measured by ____

Well No P-8 Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ (to)
Pump off Date ____ Time ____ (to)
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 805 | | | | | 29 04 | | | | | | | | |
| | 9 47 | | | | | 28 40 | | | | | | | | |
| | | 10 14 | | | | 27 52 | | | | | | | | |
| | | 10 79 | | | | 27 30 | | | | | | | | |
| | | 11 05 | | | | 27 22 | | | | | | | | |
| | | 11 47 | | | | 27 18 | | | | | | | | |
| | | 12 14 | | | | 27.08 | | | | | | | | |
| | | 12 59 | — | — | — | 27.07 | — | | | | | | | — — — |
| | | 1 27 | | | | 26.98 | | | | | | | | |
| | | 1 43 | | | | 26.96 | | | | | | | | |
| | | 2 03 | | | | 26 92 | | | | | | | | |
| | | 2 25 | | | | 27 88 | | | | | | | | |
| | | | | | | 28 30 | | | | | | | | 3 00 |
| | | | | | | 28 36 | | | | | | | | 3 28 |
| | | | | | | 28 44 | | | | | | | | 4 04 |
| | | | | | | 29 48 | | | | | | | | 4 35 |
| | | | | | | 28 40 | | | | | | | | 5 01 |
| | | | | | | 28 37 | | | | | | | | 5-25 |
| | | | | | | 28 40 | | | | | | | | 5 49 |
| | | | | | | 28 42 | — | | | | | — | | 6 07 |

Page ____ of ____

# AQUIFER TEST DATA

P-9

Owner Lindsay Address ____ County ____ State ____

Company perform ng test ____ Measured by ____

Well No P-9 Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ (t)
Pump off Date ____ Time ____ (t')
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How O n easured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

Comments on factors affecting test data

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measure-ment | Correction or Conversion | Water level | Water level change s or s' | | Discharge measure ment | Rate | | Shut pump off at 940 AM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 835 | | | | | 28 39 | | | | | | — | | |
| | | | | | | 27.90 | | | | | | | | 10 03 |
| | | | | | | 27 43 | | | | | | | | 10 57 |
| | | | | | | 27 28 | | | | | | | | 11'59 |
| | | | | | | 27.33 | | | | | | | | 12 16 |
| | | | | | | 27.23 | | | | | | | | 12 45 |
| | | | | | | 27.23 | | | | | | | | 1'12 |
| | | | — | -- | — | 27.16 | - | | | | | | | 1'38 --- |
| | | | | | | 27.09 | | Pump on | | | 2'05 | | | 2 05 |
| | | | | | | 27 55 | | | | | | | | 2 30 |
| | | | | | | 27 85 | | | | | | | | 3 36 |
| | | | | | | 27.89 | | | | | | | | 3 59 |
| | | | | | | 27.91 | | | | | | | | 4 20 |
| | | | | | | 2792 | | | | | | | | 4 39 (n 83 recov |
| | | | | | | 27 92 | | | | | | | | 5 35 |
| | | | | 24 | | 27 91 | | | | | | | | 6:16 |

Page ___ of ___

# AQUIFER TEST DATA

Owner Lindsay Address ___ County ___ State ___

___ Company performing test ___ Measured by ___

Well No MW 87-1 Distance from pumping well ___ Type of test ___ Test No ___

Measuring equipment ___

**Time Data**
Pump on Date ___ Time ___ ($t_0$)
Pump off Date ___ Time ___ ($t'$)
Duration of aquifer test
Pumping ___ Recovery ___

**Water Level Data**
Static water level ___
Measuring point ___
Elevation of measuring point ___

**Discharge Data**
How Q measured ___
Depth of pump/air line ___
Previous pumping? Yes ___ No ___
Duration ___ End ___

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 816 | | | | | 28.26 | | | | | | | | |
| | | | | | | 27.88 | | | | | | | | 9.40 |
| | | | | | - | 27.35 | | | | | | | | 9:56 |
| | | | | | | 27.09 | | | | | | | | 10 15 |
| | | | | | | 26.97 | | | | | | | | 10:31 |
| | | | | | | 26.89 | | | | | | | | 10 46 |
| | | | | | | 26.80 | | | | | | | | 11.06 |
| | | | | | - | 26.94 | — | | | | | | — | 11 23 |
| | | | | | | 27.03 | | | | | | | | 11.40 |
| | | | | | | 27.08 | | | | | | | | 11 56 |
| | | | | | | 26.81 | | | | | | | | 12 41 (CP) |
| | | | | | | 26.66 | | | | | | | | 1 06 |
| | | | | | | 26.60 | | | | | | | | 1 28 |
| | | | | | | 26.56 | | | | | | | | 1 41 |
| | | | | | | 26.52 | | | | | | | | 1 53 |
| | | | | | | 26.82 | | pump on 2 05 | | | | | | 2 16 |
| | | | | | | 27.08 | | | | | | | | 2-30 |
| | | | | | | 27.59 | | | | | | | | 3 56 |
| | | | | | | 27.64 | | | | | | | | 3 17 |
| | | | | | | 27.83 | | | | | | | | 3:46 |
| | | | | | | 27.71 | | | | | | | | 4.04 |
| | | | | | | 27.56 | | | | | | | | 4 36 |
| | | | | | | 27.53 | | | | | | | | 4 51 |
| | | | | | | 27.51 | | | | | | | | 5 05 |
| | | | | | | 27.50 | | | | | | | | 5 20 |
| | | | | | | 27.49 | | | | | | | | 5 34 |
| | | | | | | 27.48 | | | | | | | | 5 49 |
| | | | | | | 27.48 | | | | | | | | 6 04 |

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# AQUIFER TEST DATA

#2

Owner Lindsay Address _____ County _____ State _____

_____ Company performing test _____ Measured by _____

Well No MW 87-2 Distance from pumping well _____ Type of test _____ Test No _____

Measuring equipment _____

| Time Data | Water Level Data | Discharge Data | Comments on factors affecting test data |
|---|---|---|---|
| Pump on Date _____ Time _____ ($t_c$)<br>Pump off Date _____ Time _____ ($t_c'$)<br>Duration of aquifer test<br>Pumping _____ Recovery _____ | Static water level _____<br>Measuring point _____<br>Elevation of measuring point _____ | How Q measured _____<br>Depth of pump/air line _____<br>Previous pumping? Yes _____ No _____<br>Duration _____ End _____ | |

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | Shut pump off at 9 40 AM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 844 | | | | | 21.57 | | | | | | | | Time |
| | | | | | | 21 30 | | | | | | | | ~~[illegible]~~ 9 50 |
| | | | | | | 21.15 | | | | | | | | 10:16 |
| | | | | | | 21.01 | | | | | | | | 10 33 |
| | | | | | | 20.93 | | | | | | | | 10 51 |
| | | | | | | 20 84 | | | | | | | | 11 15 |
| | | | | | | 20 84 | | | | | | | | 11 33 |
| | | | | | | 20.83 | | | | | | | | 11 52 |
| | | | | | | 20 80 | | | | | | | | 12 29 |
| | | | | | | 20.72 | | | | | | | | 12:58 |
| | | | | | | 20.68 | | | | | | | | 1 24 |
| | | | | | | 20 [illegible] | | Pump on | | | 2 05 | | | 1.51 |
| | | | | | | 20.73 | | | | | | | | 2 21 |
| | | | | | | 20.87 | | | | | | | | 2 46 |
| | | | | | | 21 00 | | | | | | | | 3 10 |
| | | | | | | 21 08 | | | | | | | | 3 30 |
| | | | | | | 21.11 | | | | | | | | 3 51 |
| | | | | | | 21 09 | | | | | | | | 4:14 |
| | | | | | | 21 11 | | | | | | | | 4 55 |
| | | | | | | 21 11 | | | | | | | | 5.17 [illegible] Rec |
| | | | | | | 21.10 | | | | | | | | 5:52 |
| | | | | | | 21 13 | | | | | | | | 6 33 |
| | | | | | | | | | | | | | | Dcn |

# AQUIFER TEST DATA

Owner Lindsay Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No MW 87-3 Distance from pumping well _____ Type of test _____ Test No _____

Measuring equipment _____

| Time Data | Water Level Data | Discharge Data | Comments on factors affecting test data |
|---|---|---|---|
| Pump on Date _____ Time _____ (t) | Static water level _____ | How Q measured _____ | |
| Pump off Date _____ Time _____ (t₀) | Measuring point _____ | Depth of pump/air line _____ | |
| Duration of aquifer test | Elevation of measuring point _____ | Previous pumping? Yes ____ No ____ | |
| Pumping _____ Recovery _____ | | Duration _____ End _____ | |

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | Shut pump off at 9 40 AM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 838 | | | | | 51 50 | | | | | | | | |
| | | | | | | 51.58 | | | | | | | | 9 45 |
| | | | | | | 51 23 | | | | | | | | 10 07 |
| | | | | | | 51 14 | | | | | | | | 10 22 |
| | | | | | | 51 02 | | | | | | | | 10 40 |
| | | | | | | 50.93 | | | | | | | | 11 04 |
| | | | | | | 50 86 | | | | | | | | 11'22 |
| | | | | | | 50.81 | | | | | | | | 11 41 |
| | | | | | | 50.82 | | | | | | | | 12'08 |
| | | | | | | 50.74 | | | | | | | | 12 39 |
| | | | | | | 50.72 | | | | | | | | 1 06 |
| | | | | | | 50.67 | | | | | | | | 1.31 |
| | | | | | | 50.61 | | Pump on 2'05 | | | | | | 1'59 |
| | | | | | | 50 81 | | | | | | | | 2'30 |
| | | | | | | 50.95 | | | | | | | | 2 58 |
| | | | | | | 51 04 | | | | | | | | 3 18 |
| | | | | | | 51 06 | | | | | | | | 3 40 |
| | | | | | | 51 12 | | | | | | | | 4 03 |
| | | | | | | 51.13 | | | | | | | | 4 25 |
| | | | | | | 51 15 | | | | | | | | 5.02 |
| | | | | | | 51.15 | | | | | | | | 5.26 (0 51' rec |
| | | | | | | 51 17 | | | | | | | | 6'07 |

Page ____ of ____

# AQUIFER TEST DATA

Owner Lincoln Addre s County State

Company performing test Measured by

Well No MW 87-4 Distance from pumping well Type of test Test No

Measuring equipment

**Time Data**
Pump on Date Time ($t_0$)
Pump off Date Time ($t'$)
Duration of aquifer test
Pumping Recovery

**Water Level Data**
Static water level
Measuring point
Elevation of measuring point

**Discharge Data**
How Q measured
Depth of pump/air line
Previous pumping? Yes No
Duration End

| Date | Clock time | Time since pump started $t$ | Time since pump stopped $t'$ | $t/t'$ | | Water level measurement | Correction or Conversion | Water level | Water level change $s$ or $s'$ | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8 25 | | | | | 92 70 | | | | | | | | |
| | | | | | | 92 29 | | | | | | | | 9 51 |
| | | | | | | 91 92 | | | | | | | | 10 10 |
| | | | | | | 91 75 | | | | | | | | 10.26 |
| | | | | | | 91 62 | | | | | | | | 10:41 |
| | | | | | | 91 54 | | | | | | | | 10:57 |
| | | | | | | 91 7' | | | | | | | | 11:17 |
| | | | — | - | — | 91 42 | | | | | | | | 11 35 |
| | | | | | | 91 . | | | | | | | | 11 51 |
| | | | | | | 91 36 | | | | | | | | 12 32 |
| | | | | | | 91 29 | | | | | | | | 1 00 |
| | | | | | | 91 19 | | | | | | | | 1 37 |
| | | | | | | 9116 | | | | | | | | 1 50 |
| | | | | | | 9114 | | | | | | | | 2 01 |
| | | | | | | 9160 | | | Pump m | | 2 05 | | | 2 24 |
| | | | | | | 9180 | | | | | | | | 2 40 |
| | | | | | | 91.99 | | | | | | | | 3'09 |
| | | | | | | 92.10 | | | | | | | | 3'29 |
| | | | | | | 92 20 | | | | | | | | 3'59 |
| | | | | | | 92.22 | | | | | | | | 4.17 |
| | | | | | | 92.21 | | | | | | | | 4 47 |
| | | | | | | 92 21 | | | | | | | | 5 02 |
| | | | | | | 92.20 | | | | | | | | 5 17 |
| | | | | | | 92 21 | | | | | | | | 5 31 |
| | | | | | | 92.20 | | | | | | | | 5'44 |
| | | | | | | 92 20 | | | | | | | | 6 01 |
| | | | | | | 92.20 | | | | | | | | 6 14 |

Page ____ of ____

# AQUIFER TEST DATA

Owner Lindsay Address ____ County ____ State ____

Company performing test ____ Measured by ____

Well No MW 87-5 Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ (t)
Pump off Date ____ Time ____ (t')
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

Comments on factors affecting test data

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s' | | Discharge measurement | Rate | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 841 | | | | | 30 31 | | | | | | | | Shut pump off at 9 40 AM |
| | | | | | | 30.25 | | | | | | | | 9' 51 |
| | | | | | | 30.06 | | | | | | | | 10 12 |
| | | | | | | 30.00 | | | | | | | | 10 28 |
| | | | | | | 29.91 | | | | | | | | 10 46 |
| | | | | | | 29 82 | | | | | | | | 11 09 |
| | | | | | | 29.76 | | | | | | | | 11 28 |
| | | — | — | — | | 29 74 | | | | | | | | 11 47 |
| | | | | | | 29.71 | | | | | | | | 12'24 |
| | | | | | | 29.68 | | | | | | | | 12'52 |
| | | | | | | 29 64 | | | | | | | | 1.18 |
| | | | | | | 29 59 | | | | | | | | 1:46 |
| | | | | | | 29.96 | 0 | | 1 | | | — | | 2:11 |
| | | | | | | 29.76 | | | | 1 | | | | 2 42 |
| | | | | | | 29 88 | | | | | | | | 3 05 |
| | | | | | | 29.89 | | | | | | | | 3 26 |
| | | | | | | 29 90 | | | | | | | | 3 46 |
| | | | | | | 29 94 | | | | | | | | 4 09 |
| | | | | | | 29 97 | | | | | | | | 4 50 |
| | | | | | | 29 98 | | | | | | | | 5 10 (1.42' rec. |
| | | | | | | 29.98 | | | | | | | | 5 43 |
| | | | | | | 30 00 | | | | | | | | 6 26 |

Page ____ of ____

# AQUIFER TEST DATA

Owner Lindsay Address ____ County ____ State ____

____ Company performing test ____ Measured by ____

Well No MW 87-6 Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ (t)
Pump off Date ____ Time ____ (t')
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s' | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 813 | | | | | 34.00 | | | | | | | | |
| | | | | | | 33.89 | | | | | | | | 9:43 New |
| | | | | | | 32.34 | | | | | | | | 10 02 |
| | | | | | | 32.12 | | | | | | | | 10:17 |
| | | | | | | 32.00 | | | | | | | | 10:33 |
| | | | | | | 31.90 | | | | | | | | 10.48 |
| | | | | | | 31.81 | | | | | | | | 11 09 |
| | | | — | - | — | 31.84 | | | | | | | -- | 11.26 |
| | | | | | | 31.87 | | | | | | | | 11:44 ✓ |
| | | | | | | 31.88 | | | | | | | | 12 24 Gregg |
| | | | | | | 31.74 | | | | | | | | 12 44 (2) |
| | | | | | | 31.68 | | | | | | | | 12 57 |
| | | | | | | 31.56 | | | | | | | | 1 30 |
| | | | | | | 31.53 | | | | | | | | 1 42 |
| | | | | | | 31.52 | C | | | | | | | 1 55 |
| | | | | | | 32.56 | | Pump on | | | 7 GPS | | | 2 17 |
| | | | | | | 32.86 | | | | | | | | 2 32 |
| | | | | | | 33.15 | | | | | | | | 3:00 |
| | | | | | | 33.34 | | | | | | | | 3'20 |
| | | | | | | 33.49 | | | | | | | | 3.49 |
| | | | | | | 33.46 | | | | | | | | 4.07 |
| | | | | | | 33.38 | | | | | | | | 4 39 GB |
| | | | | | | 33.36 | | | | | | | | 4.54 ↓ |
| | | | | | | 33.35 | | | | | | | | 5 08 |
| | | | | | | 33.34 | | | | | | | | 5 23 |
| | | | | | | 33.34 | | | | | | | | 5.36 |
| | | | | | | 33.33 | | | | | | | | 5:52 |
| | | | | | | 33.33 | | | | | | | | 6:06 |
| | | | | | | | | | | | | | | |

# AQUIFER TEST DATA

Owner Lindsay Address ___ County ___ State ___

Company performing test ___ Measured by ___

Well No MW 87-7 Distance from pumping well ___ Type of test ___ Test No ___

Measuring equipment ___

**Time Data**
Pump on Date ___ Time ___ (t)
Pump off Date ___ Time ___ (t')
Duration of aquifer test
Pumping ___ Recovery ___

**Water Level Data**
Static water level ___
Measuring point ___
Elevation of measuring point ___

**Discharge Data**
How Q measured ___
Depth of pump/air line ___
Previous pumping? Yes ___ No ___
Duration ___ End ___

Comments on factors affecting test data

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 52 | | | | | 30 36 | | | | | | | | |
| | 9 47 | | | | | 28 98 | | | | | | | | |
| | 10 05 | | | | | 28 48 | | | | | | | | |
| | | 10 12 | | | | 28 385 | | | | | | | | |
| | | 10 31 | | | | 28 24 | | | | | | | | |
| | | 10 37 | | | | 28 19 | | | | | | | | |
| | | 10 56 | | | | 28 10 | | | | | | | | |
| | | 11 04 | — | | — | 28 06 | | | | | | | | |
| | | 11 23 | | | | 28 02 | | | | | | | | |
| | | 11 35 | | | | 28 03 | | | | | | | | |
| | | 11 48 | | | | 28 03 | | | | | | | | |
| | | 11 55 | | | | 28 02 | | | | | | | | |
| | | 12 16 | | | | 28 04 | | | | | | | | |
| | | 12 31 | | | | 27.98 | | | | | | | | |
| | | 12 58 | | | | 27.89 | | | | | | | | |
| | | 1 19 | | | | 27 82 | | | | | | | | |
| | | 1 36 | | | | 27 79 | | | | | | | | |
| | | 1 56 | | | | 27.74 | @ | | | | | | | |
| | | 2 21 | | | | 28 96 | | | | | | | | |
| | | 2 40 | | | | 29 22 | | | | | | | | |
| | | | | | | 29 38 | | | | | | | | 2 59 |
| | | | | | | 29 49 | | | | | | | | 3 14 |
| | | | | | | 29 57 | | | | | | | | 3 30 |
| | | | | | | 29 63 | | | | | | | | 3 43 |
| | | | | | | 29 64 | | | | | | | | 4 00 |
| | | | | | | 29 64 | | | | | | | | 4 17 |
| | | | | | | 29 60 | | | | | | | | 4 34 |
| | | | | | | 29 61 | | | | | | | | 4 47 |
| | | | | | | 29 59 | | | | | | | | 5 04 |

# AQUIFER TEST DATA

Owner MW 87-7 Address ____ County ____ State ____

Date ____ Company performing test ____ Measured by ____

Well No ____ Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ (t)
Pump off Date ____ Time ____ (t')
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 29.60 | | | | | | | | 5.11 |
| | | | | | | 29.58 | | | | | | | | 5 28 |
| | | | | | | 29.59 | | | | | | | | 5 35 |
| | | | | | | 29.59 | | | | | | | | 5 53 |
| | | | | | | 29.59 | | | | | | | | 6 12 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| — | — | — | | — | — | — — | | | | | | — | — — — | — — — |

# AQUIFER TEST DATA

Owner Lindsay Address _____ County _____ State _____

Company performing test _____ Measured by _____

Well No MW 87-8 Distance from pumping well _____ Type of test _____ Test No _____

Measuring equipment _____

**Time Data**
Pump on Date _____ Time _____ (t)
Pump off Date _____ Time _____ (t')
Duration of aquifer test
Pumping _____ Recovery _____

**Water Level Data**
Static water level _____
Measuring point _____
Elevation of measuring point _____

**Discharge Data**
How Q measured _____
Depth of pump/air line _____
Previous pumping? Yes ___ No ___
Duration _____ End _____

Comments on factors affecting test data

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s' | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8 45 | | | | | 33 40 | | | | | | | | |
| | 9 45 | | | | | 32.24 | | | | | | | | |
| | 10 03 | | | | | 31 54 | | | | | | | | |
| | 10 | 10 | | | | 31 44 | | | | | | | | |
| | | 10 29 | | | | 31 28 | | | | | | | | |
| | | 10 35 | 8 | | | 31 24 | | | | | | | | |
| | | 10 55 | | | | 31 12 | | | | | | | | |
| | | 11 02 | | | | 31 18 | | | | | | | | |
| | | 11 20 | | | | 31 08 | | | | | | | | |
| | | 11 33 | | | | 31 10 | | | | | | | | |
| | | 11 51 | | | | 31 12 | | | | | | | | |
| | | 12 16 | | | | 31 12 | | | | | | – | | |
| | | 12 19 | | | | 31 13 | | | | | | | | |
| | | 12 39 | | | | 31.07 | | | | | | | | |
| | | 12 54 | | | | 30 94 | | | | | | | | |
| | | 1 17 | | | | 30 86 | | | | | | | | |
| | | 1 35 | | | | 30 83 | | | | | | | | |
| | | 1 54 | | | | 30 78 | ⓒ | | | | | | | |
| | | 2 19 | | | | 32 08 | | | | | | | | |
| | | 2 38 | | | | 32 37 | | | | | | | | |
| | | | | | | 32 53 | | | | | | | | 2 54 |
| | | | | | | 32 70 | | | | | | | | 3 12 |
| | | | | | | 32 81 | | | | | | | | 3 32 |
| | | | | | | 32 87 | | | | | | | | 3 47 |
| | | | | | | 32 85 | | | | | | | | 4 08 |
| | | | | | | 32 82 | | | | | | | | 4 20 |
| | | | | | | 32 79 | | | | | | | | 4 41 |
| | | | | | | 32 78 | | | | | | | | 4 50 |
| | | | | | | 32 76 | | | | | | | | 5 07 |

# AQUIFER TEST DATA

Owner MW 87-9 Address ____ County ____ State ____

Date ____ Company performing test ____ Measured by ____

Well No ____ Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ ($t_0$)
Pump off Date ____ Time ____ ($t'$)
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

| Date | Clock time | Time since pump started $t$ | Time since pump stopped $t'$ | $t/t'$ | | Water level measurement | Correction or Conversion | Water level | Water level change s or s | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 32.76 | | | | | | | | 5 14 |
| | | | | | | 32.76 | | | | | | | | 5 31 |
| | | | | | | 32.76 | | | | | | | | 5 38 |
| | | | | | | 32.76 | | | | | | | | 5 57 |
| | | | | | | 32.76 | | | | | | | | 6 15 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | — | — | | | — | — | | — | — | | | — | ——— | — — — — |

Page ____ of ____

# AQUIFER TEST DATA

Owner Lindsay Address ____ County ____ State ____

____ Company performing test ____ Measured by ____

Well No old well Distance from pumping well ____ Type of test ____ Test No ____

Measuring equipment ____

**Time Data**
Pump on Date ____ Time ____ ($t_o$)
Pump off Date ____ Time ____ ($t'_o$)
Duration of aquifer test
Pumping ____ Recovery ____

**Water Level Data**
Static water level ____
Measuring point ____
Elevation of measuring point ____

**Discharge Data**
How Q measured ____
Depth of pump/air line ____
Previous pumping? Yes ____ No ____
Duration ____ End ____

| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s' | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 611 | | | | | 3426 | | | | | | | | |
| | | | | | | 3293 | | | | | | | | 9:45 |
| | | | | | | 3223 | | | | | | | | 10.04 |
| | | | | | | 32.05 | | | | | | | | 10.19 |
| | | | | | | 31.91 | | | | | | | | 10.35 |
| | | | | | | 3184 | | | | | | | | 10 50 |
| | | | | | | 3174 | | | | | | | | 11:10 |
| | | | --- | -- | --- | 31,78 | - | | | | | -- | | 11:28 |
| | | | | | | 3181 | | | | | | | | 11.45 |
| | | | | | | 3177 | | | | | | | | 12 27 (CR) |
| | | | | | | 3150 | | | | | | | | 1 32 |
| | | | | | | 3148 | | | | | | | | 1 44 |
| | | | | | | 3144 | A | | | | | | | 1 56 |
| | | | | | | 32 88 | | Pump on 2 05 | | | | | | 2 19 |
| | | | | | | 33.16 | | | | | | | | 2 34 |
| | | | | | | 33 41 | | | | | | | | 3.02 |
| | | | | | | 33 62 | | | | | | | | 3 23 |
| | | | | | | 33 76 | | | | | | | | 3 52 |
| | | | | | | 33.72 | | | | | | | | 4 09 |
| | | | | | | 33 64 | | | | | | | | 4 41 |
| | | | | | | 33.62 | | | | | | | | 4 56 |
| | | | | | | 33 61 | | | | | | | | 5 10 |
| | | | | | | 33 61 | | | | | | | | 5 34 |
| | | | | | | 33 60 | | | | | | | | 5 38 |
| | | | | | | 33 60 | | | | | | | | 5 54 |
| | | | | | | 33.60 | | | | | | | | 6 08 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

## APPENDIX VIII

C HWST Original Interceptor Well Pump Tests

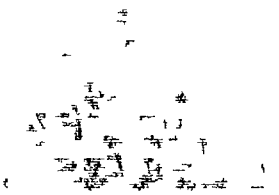

EXHIBIT I

STEP-DRAW-DOWN TEST
(3/31/83)
$Q_1$ = 660 gpm
$Q_2$ = 780 gpm
$Q_3$ = 1,070 gpm

RORABAUGH TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NE
DATUM POINT TOC
STATIC WATER LEVEL 25 7
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO INT WELL
ELEV OF DATUM POINT 1675 32
AQUIFER THICKNESS 49 FT
SCREEN INTERVAL 55 FT TO 95 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (USGP) | | |
| 31 | 14 | 30 | 0 00 | 0 000 | 0 000 | 0 0000 |
| 31 | 14 | 31 | 1 00 | 15 200 | 15 200 | 660 0000 |
| 31 | 14 | 32 | 2 00 | 16 000 | 16 000 | 660 0000 |
| 31 | 14 | 33 | 3 00 | 16 400 | 16 400 | 660 0000 |
| 31 | 14 | 34 | 4 00 | 16 800 | 16 800 | 660 0000 |
| 31 | 14 | 35 | 5 00 | 17 200 | 17 200 | 660 0000 |
| 31 | 14 | 40 | 10 00 | 18 100 | 18 100 | 660 0000 |
| 31 | 14 | 45 | 15 00 | 18 200 | 18 200 | 660 0000 |
| 31 | 14 | 50 | 20 00 | 18 300 | 18 300 | 660 0000 |
| 31 | 15 | 0 | 30 00 | 18 400 | 18 400 | 660 0000 |
| 31 | 15 | 1 | 31 00 | 21 700 | 21 700 | 780 0000 |
| 31 | 15 | 2 | 32 00 | 22 000 | 22 000 | 780 0000 |
| 31 | 15 | 3 | 33 00 | 22 200 | 22 200 | 780 0000 |
| 31 | 15 | 4 | 34 00 | 22 300 | 22 300 | 780 0000 |
| 31 | 15 | 5 | 35 00 | 22 400 | 22 400 | 780 0000 |
| 31 | 15 | 10 | 40 00 | 22 700 | 22 700 | 780 0000 |
| 31 | 15 | 15 | 45 00 | 22 600 | 22 600 | 780 0000 |
| 31 | 15 | 20 | 50 00 | 22 800 | 22 800 | 780 0000 |
| 31 | 15 | 30 | 60 00 | 22 800 | 22 800 | 780 0000 |
| 31 | 15 | 31 | 61 00 | 32 700 | 32 700 | 1070 0000 |
| 31 | 15 | 32 | 62 00 | 33 200 | 33 200 | 1070 0000 |
| 31 | 15 | 33 | 63 00 | 33 200 | 33 200 | 1070 0000 |
| 31 | 15 | 34 | 64 00 | 33 200 | 33 200 | 1070 0000 |
| 31 | 15 | 35 | 65 00 | 33 000 | 33 000 | 1070 0000 |
| 31 | 15 | 40 | 70 00 | 32 700 | 32 700 | 1070 0000 |
| 31 | 15 | 45 | 75 00 | 32 600 | 32 600 | 1070 0000 |
| 31 | 15 | 50 | 80 00 | 32 900 | 32 900 | 1070 0000 |
| 31 | 16 | 0 | 90 00 | 33 000 | 33 000 | 1070 0000 |
| 31 | 16 | 10 | 100 00 | 33 000 | 33 000 | 1070 0000 |
| 31 | 16 | 20 | 110 00 | 32 800 | 32 800 | 1070 0000 |

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## RORABAUGH TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NE
DATUM POINT TOC
STATIC WATER LEVEL 25 7
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO INT WELL
ELEV OF DATUM POINT 1675 32
AQUIFER THICKNESS 49 FT
SCREEN INTERVAL 55 FT TO 95 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (USGP) | | |
| 31 | 16 | 30 | 120 00 | 32 900 | 32 900 | 1070 0000 |

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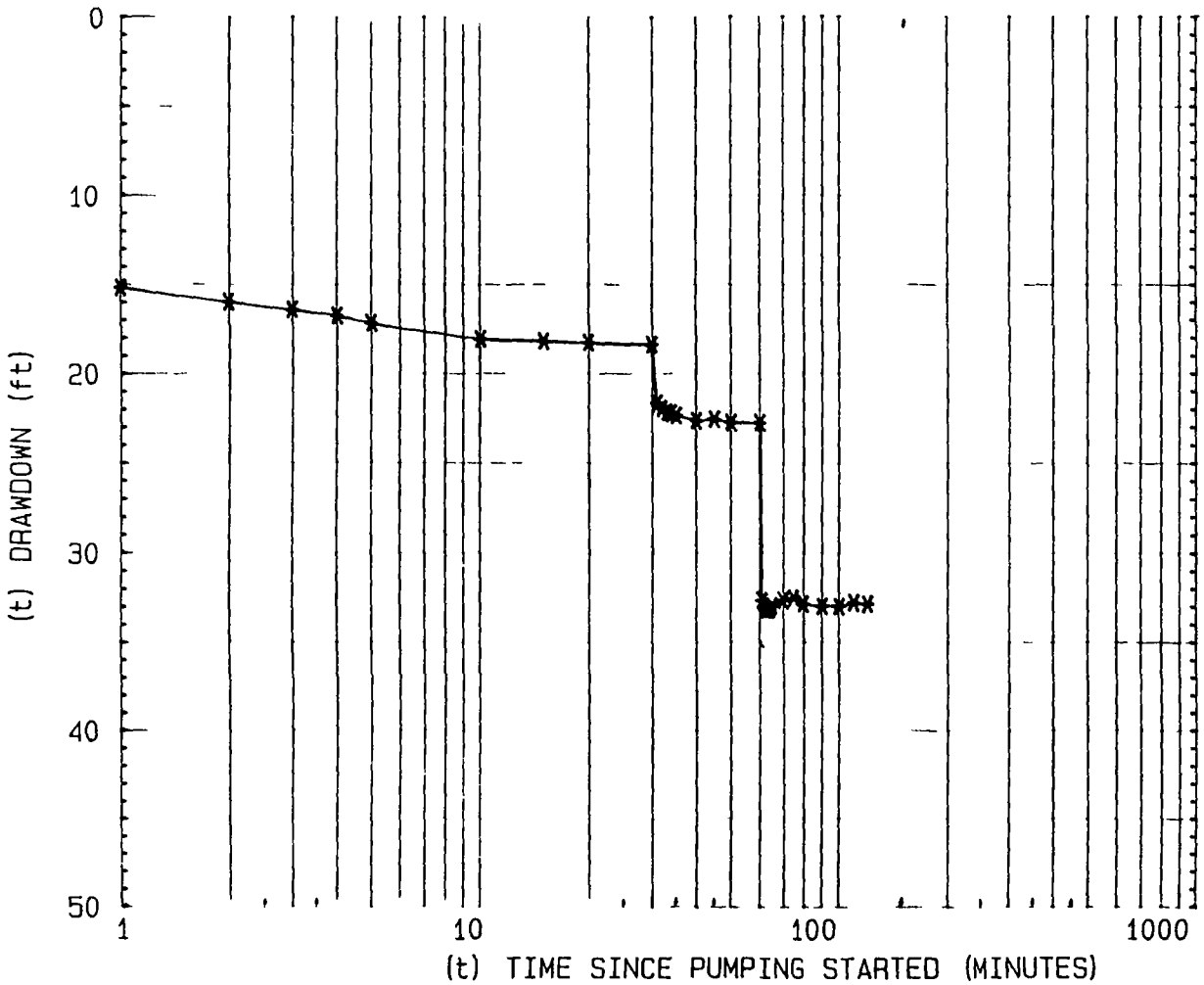
STEP TEST ANALYSIS RORABAUGH METHOD




| | | |
|---|---|---|
| PROJECT LINDSAY<br>FILE 85/2949<br>LOCATION LINDSAY NE | WELL NO INT WELL<br>S W L = 25 7 | △S=<br>T=<br>S= |

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FIGURE 1A

# ROKABAUGH TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NE
DATUM POINT TOC
STATIC WATER LEVEL 24 3
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-2
ELEV OF DATUM POINT 1675 93
AQUIFER THICKNESS 49 FT
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (USGP) | | |
| 31 | 14 | 30 | 0 00 | 0 000 | 0 000 | 0 0000 |
| 31 | 14 | 31 | 1 00 | 4 250 | 4 250 | 660 0000 |
| 31 | 14 | 32 | 2 00 | 4 700 | 4 700 | 660 0000 |
| 31 | 14 | 33 | 3 00 | 5 000 | 5 000 | 660 0000 |
| 31 | 14 | 34 | 4 00 | 5 200 | 5 200 | 660 0000 |
| 31 | 14 | 35 | 5 00 | 5 400 | 5 400 | 660 0000 |
| 31 | 14 | 40 | 10 00 | 5 900 | 5 900 | 660 0000 |
| 31 | 14 | 45 | 15 00 | 6 000 | 6 000 | 660 0000 |
| 31 | 14 | 50 | 20 00 | 6 000 | 6 000 | 660 0000 |
| 31 | 15 | 0 | 30 00 | 6 100 | 6 100 | 660 0000 |
| 31 | 15 | 1 | 31 00 | 6 700 | 6 700 | 780 0000 |
| 31 | 15 | 2 | 32 00 | 6 800 | 6 800 | 780 0000 |
| 31 | 15 | 3 | 33 00 | 6 900 | 6 900 | 780 0000 |
| 31 | 15 | 4 | 34 00 | 7 000 | 7 000 | 780 0000 |
| 31 | 15 | 5 | 35 00 | 7 100 | 7 100 | 780 0000 |
| 31 | 15 | 10 | 40 00 | 7 100 | 7 100 | 780 0000 |
| 31 | 15 | 15 | 45 00 | 7 200 | 7 200 | 780 0000 |
| 31 | 15 | 20 | 50 00 | 7 200 | 7 200 | 780 0000 |
| 31 | 15 | 30 | 60 00 | 7 300 | 7 300 | 780 0000 |
| 31 | 15 | 31 | 61 00 | 8 800 | 8 800 | 1070 0000 |
| 31 | 15 | 32 | 62 00 | 9 100 | 9 100 | 1070 0000 |
| 31 | 15 | 33 | 63 00 | 9 300 | 9 300 | 1070 0000 |
| 31 | 15 | 34 | 64 00 | 9 400 | 9 400 | 1070 0000 |
| 31 | 15 | 35 | 65 00 | 9 500 | 9 500 | 1070 0000 |
| 31 | 15 | 40 | 70 00 | 9 700 | 9 700 | 1070 0000 |
| 31 | 15 | 45 | 75 00 | 9 900 | 9 900 | 1070 0000 |
| 31 | 15 | 50 | 80 00 | 10 100 | 10 100 | 1070 0000 |
| 31 | 16 | 0 | 90 00 | 10 500 | 10 500 | 1070 0000 |
| 31 | 16 | 10 | 100 00 | 10 600 | 10 600 | 1070 0000 |
| 31 | 16 | 20 | 110 00 | 10 500 | 10 500 | 1070 0000 |

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## RORABAUGH TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NE
DATUM POINT TOC
STATIC WATER LEVEL 24 3
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-2
ELEV OF DATUM POINT 1675 93
AQUIFER THICKNESS 49 FT
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (USGP) | | |
| 31 | 16 | 30 | 120 00 | 10 400 | 10 400 | 1070 0000 |

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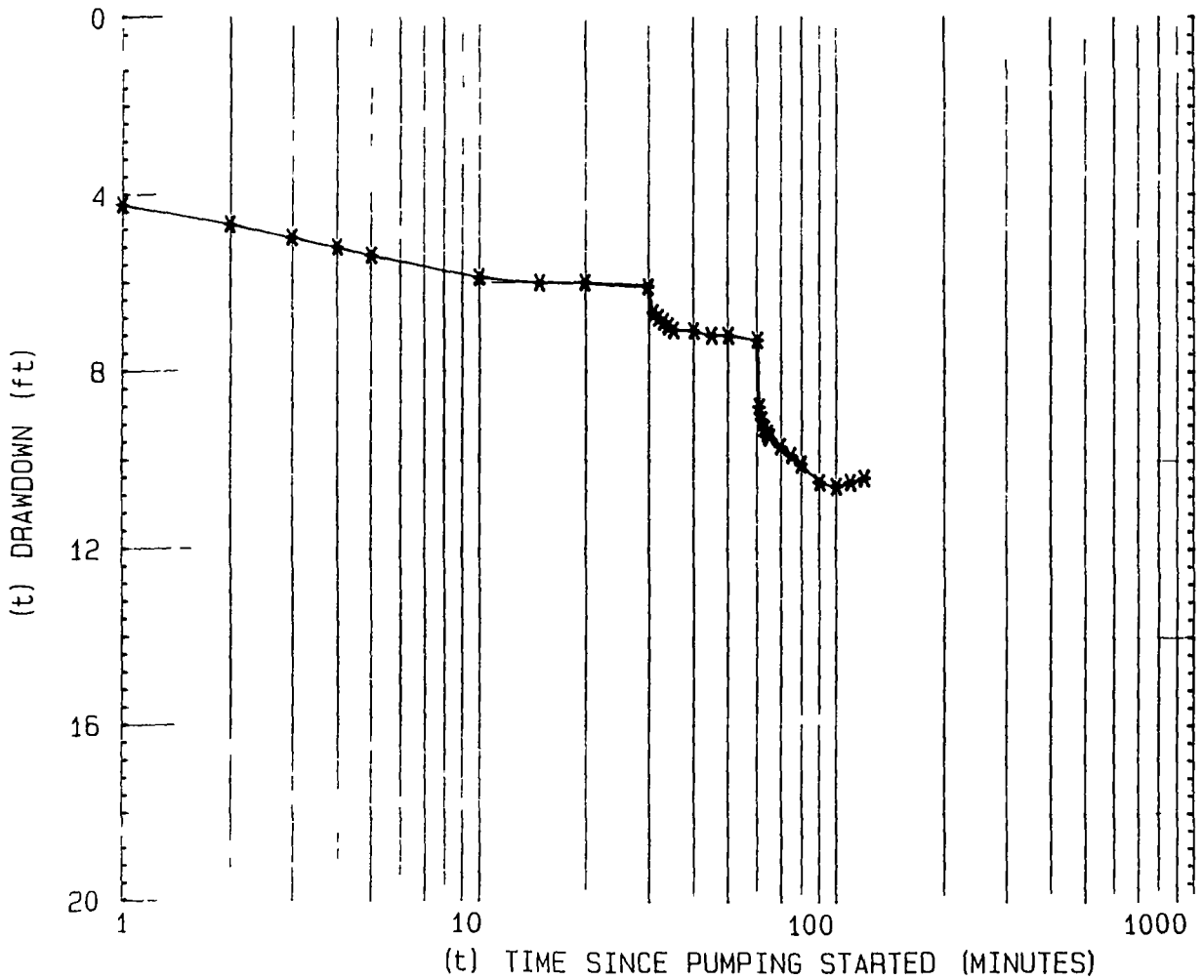


| | | |
|---|---|---|
| PROJECT LINDSAY<br>FILE 85/2949<br>LOCATION LINDSAY NE | WELL NO P-2<br>S W L = 24 3 | △S=<br>T=<br>S= |

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FIGURE 1B

R \BAUGH TEST - DRAWDOWN DAT

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY, NE
DATUM POINT TOC
STATIC WATER LEVEL 27 7
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-4
ELEV OF DATUM POINT 1675 28
AQUIFER THICKNESS 49 FT
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (USGP) | | |
| 31 | 14 | 30 | 0 00 | 0 000 | 0 000 | 0 0000 |
| 31 | 14 | 31 | 1 00 | 4 500 | 4 500 | 660 0000 |
| 31 | 14 | 32 | 2 00 | 4 900 | 4 900 | 660 0000 |
| 31 | 14 | 33 | 3 00 | 5 200 | 5 200 | 660 0000 |
| 31 | 14 | 34 | 4 00 | 5 300 | 5 300 | 660 0000 |
| 31 | 14 | 35 | 5 00 | 5 600 | 5 600 | 660 0000 |
| 31 | 14 | 40 | 10 00 | 6 100 | 6 100 | 660 0000 |
| 31 | 14 | 45 | 15 00 | 6 200 | 6 200 | 660 0000 |
| 31 | 14 | 50 | 20 00 | 6 200 | 6 200 | 660 0000 |
| 31 | 15 | 0 | 30 00 | 6 300 | 6 300 | 660 0000 |
| 31 | 15 | 1 | 31 00 | 7 000 | 7 000 | 780 0000 |
| 31 | 15 | 2 | 32 00 | 7 100 | 7 100 | 780 0000 |
| 31 | 15 | 3 | 33 00 | 7 200 | 7 200 | 780 0000 |
| 31 | 15 | 4 | 34 00 | 7 200 | 7 200 | 780 0000 |
| 31 | 15 | 5 | 35 00 | 7 300 | 7 300 | 780 0000 |
| 31 | 15 | 10 | 40 00 | 7 300 | 7 300 | 780 0000 |
| 31 | 15 | 15 | 45 00 | 7 400 | 7 400 | 780 0000 |
| 31 | 15 | 20 | 50 00 | 7 500 | 7 500 | 780 0000 |
| 31 | 15 | 30 | 60 00 | 7 500 | 7 500 | 780 0000 |
| 31 | 15 | 31 | 61 00 | 9 200 | 9 200 | 1070 0000 |
| 31 | 15 | 32 | 62 00 | 9 400 | 9 400 | 1070 0000 |
| 31 | 15 | 33 | 63 00 | 9 600 | 9 600 | 1070 0000 |
| 31 | 15 | 34 | 64 00 | 9 700 | 9 700 | 1070 0000 |
| 31 | 15 | 35 | 65 00 | 9 800 | 9 800 | 1070 0000 |
| 31 | 15 | 40 | 70 00 | 9 900 | 9 900 | 1070 0000 |
| 31 | 15 | 45 | 75 00 | 10 200 | 10 200 | 1070 0000 |
| 31 | 15 | 50 | 80 00 | 10 500 | 10 500 | 1070 0000 |
| 31 | 16 | 0 | 90 00 | 10 800 | 10 800 | 1070 0000 |
| 31 | 16 | 10 | 100 00 | 11 000 | 11 000 | 1070 0000 |
| 31 | 16 | 20 | 110 00 | 10 800 | 10 800 | 1070 0000 |

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## RORABAUGH TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NE
DATUM POINT TOC
STATIC WATER LEVEL 27 7
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-4
ELEV OF DATUM POINT 1675 28
AQUIFER THICKNESS 49 FT
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (USGP) | | |
| 31 | 16 | 30 | 120 00 | 10 700 | 10 700 | 1070 0000 |

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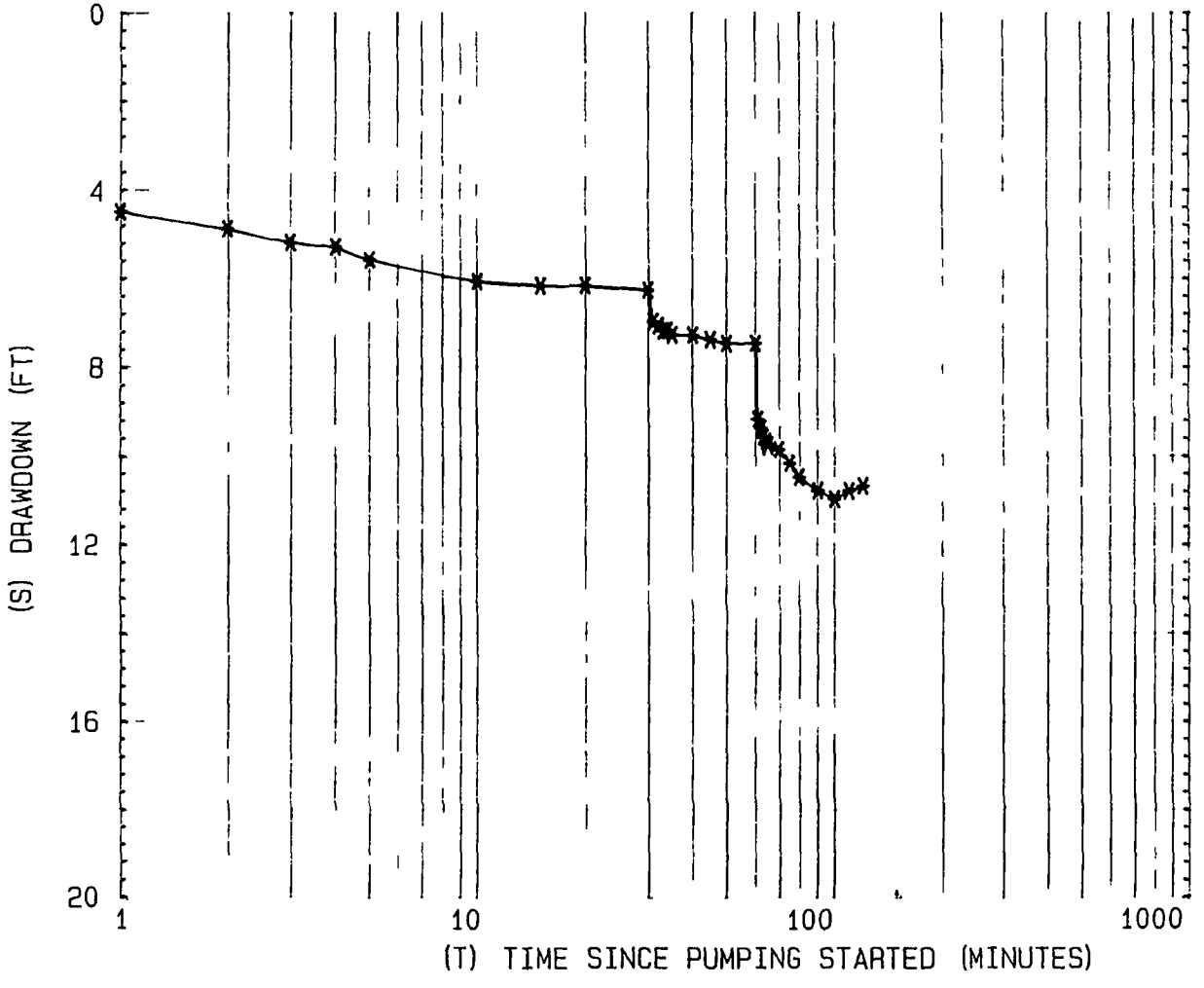


| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY MANUFACTURIN | WELL NO | P-4 | △S= | |
| FILE | 85/2949 | | | T= | |
| LOCATION | LINDSAY NE | S W L = | 27 7 | S= | |

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FIGURE 1C

# R ABAUGH TEST - DRAWDOWN DA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY, NE
DATUM POINT TOC
STATIC WATER LEVEL 25 7
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-5
ELEV OF DATUM POINT 1675 38
AQUIFER THICKNESS 49 FT
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (USGP) | | |
| 31 | 14 | 30 | 0 00 | 0 000 | 0 000 | 0 0000 |
| 31 | 14 | 31 | 1 00 | 15 200 | 15 200 | 660 0000 |
| 31 | 14 | 32 | 2 00 | 16 500 | 16 500 | 660 0000 |
| 31 | 14 | 33 | 3 00 | 17 000 | 17 000 | 660 0000 |
| 31 | 14 | 34 | 4 00 | 19 000 | 19 000 | 660 0000 |
| 31 | 14 | 35 | 5 00 | 19 700 | 19 700 | 660 0000 |
| 31 | 14 | 40 | 10 00 | 20 000 | 20 000 | 660 0000 |
| 31 | 14 | 45 | 15 00 | 20 000 | 20 000 | 660 0000 |
| 31 | 14 | 50 | 20 00 | 20 000 | 20 000 | 660 0000 |
| 31 | 15 | 0 | 30 00 | 20 000 | 20 000 | 660 0000 |
| 31 | 15 | 1 | 31 00 | 22 300 | 22 300 | 780 0000 |
| 31 | 15 | 2 | 32 00 | 22 600 | 22 600 | 780 0000 |
| 31 | 15 | 3 | 33 00 | 23 000 | 23 000 | 780 0000 |
| 31 | 15 | 4 | 34 00 | 23 200 | 23 200 | 780 0000 |
| 31 | 15 | 5 | 35 00 | 23 200 | 23 200 | 780 0000 |
| 31 | 15 | 10 | 40 00 | 23 200 | 23 200 | 780 0000 |
| 31 | 15 | 15 | 45 00 | 23 200 | 23 200 | 780 0000 |
| 31 | 15 | 20 | 50 00 | 23 200 | 23 200 | 780 0000 |
| 31 | 15 | 30 | 60 00 | 23 200 | 23 200 | 780 0000 |
| 31 | 16 | 10 | 100 00 | 35 200 | 35 200 | 1070 0000 |
| 31 | 16 | 20 | 110 00 | 35 200 | 35 200 | 1070 0000 |
| 31 | 16 | 30 | 120 00 | 35 200 | 35 200 | 1070 0000 |

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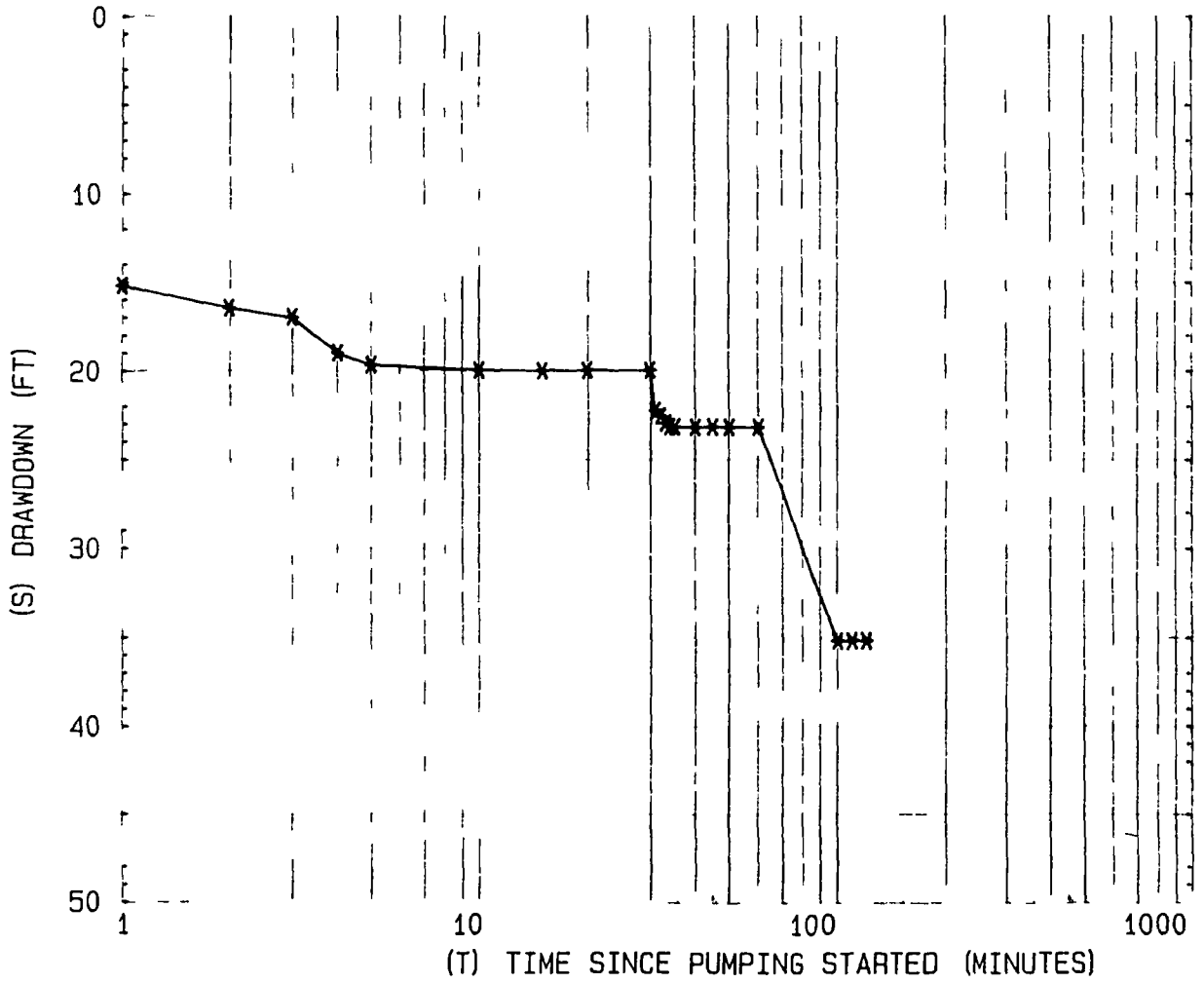


| | | |
|---|---|---|
| PROJECT LINDSAY<br>FILE 85/2949<br>LOCATION LINDSAY NE | WELL NO P-5<br>S W L = 25 7 | △S=<br>T=<br>S= |

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FIGURE 10

EXHIBIT II

4-HOUR CONSTANT DISCHARGE TEST
(6/3/83)
Q = 750 gpm

DISTAI ~ - DRAWDOWN DATA

PROJECT LINDSAY
LOCATION LINDSAY NE
DURATION (minutes) 210

FILE NO 85/2949
START TIME OF TEST 03/16/11
Q OF PROD WELL (USGPM) 750

| WELL NO | DISTANCE (ft) | DRAWDOWN s (ft) |
|---|---|---|
| P-1 | 150 0000 ' | 4 80000 |
| P-2 | 20 2500 | 9 60000 |
| P-3 | 20 0000 | 9 90000 |
| P-4 | 19 5000 | 9 50000 |
| P-5 | 1 0000 | 17 90000 |

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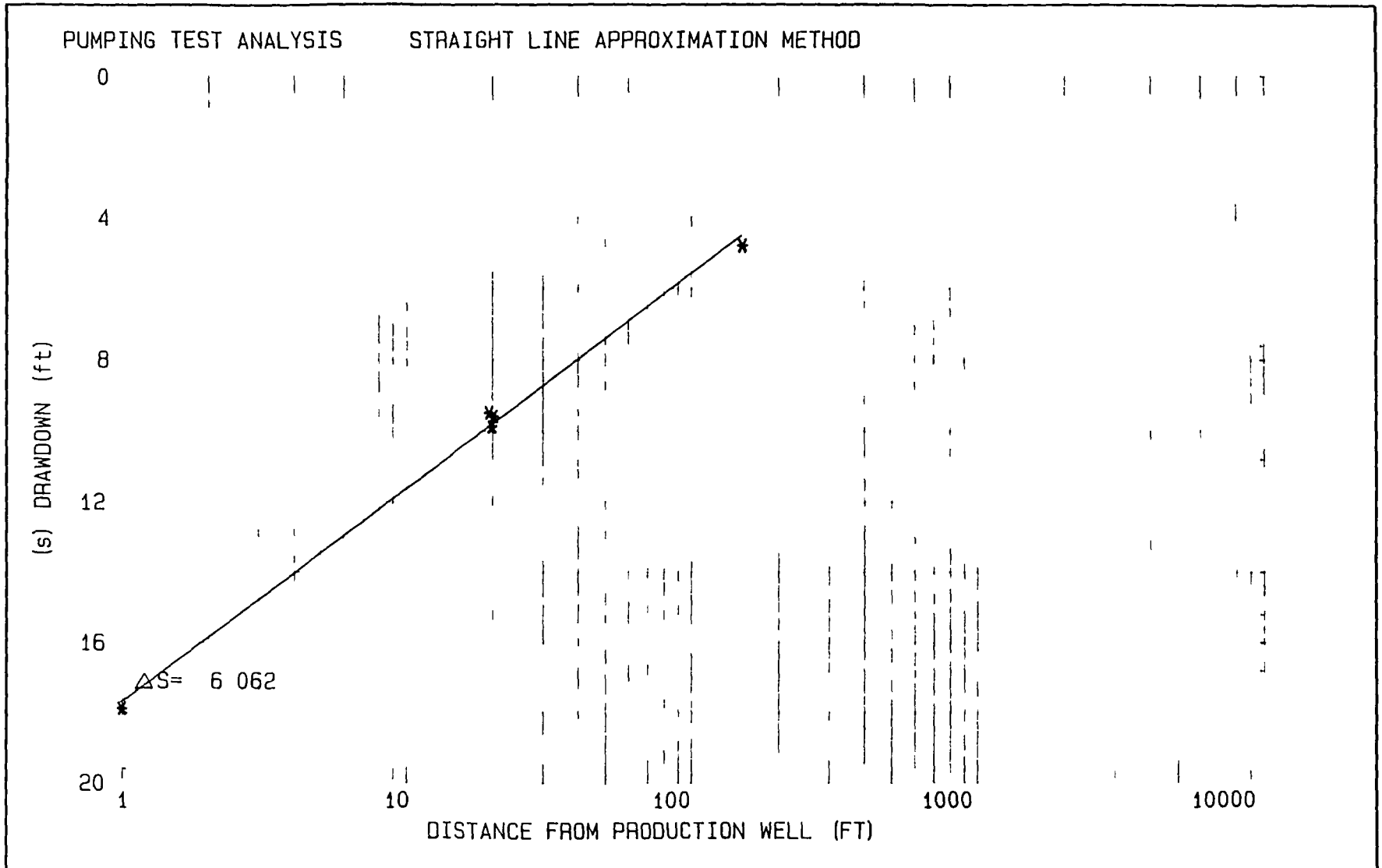


| | | | |
|---|---|---|---|
| PROJECT | LINDSAY | PUMPING RATE FOR PRODUCTION WELL | ΔS= 6 062 FT |
| FILE | 85/2949 | INTERCEPTOR WELL = 750 USGPM | T= 65323 USGPD/FT |
| LOCATION | LINDSAY NE | | S= 00412 |

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FIGURE 2A

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOC
PUMPING RATE 750 USGPM
AQUIFER THICKNESS 40 5
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-1
ELEV OF DATUM POINT 1677 36
STATIC WATER LEVEL 29 9
R = 150 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 3 | 16 | 11 | 0 00 | 0 000 | 0 000 | 750 0000 |
| 3 | 16 | 12 | 1 00 | 0 400 | 0 400 | 750 0000 |
| 3 | 16 | 13 | 2 00 | 1 400 | 1 400 | 750 0000 |
| 3 | 16 | 14 | 3 00 | 1 700 | 1 700 | 750 0000 |
| 3 | 16 | 15 | 4 00 | 1 900 | 1 900 | 750 0000 |
| 3 | 16 | 16 | 5 00 | 2 100 | 2 100 | 750 0000 |
| 3 | 16 | 21 | 10 00 | 2 900 | 2 900 | 750 0000 |
| 3 | 16 | 26 | 15 00 | 3 300 | 3 300 | 750 0000 |
| 3 | 16 | 31 | 20 00 | 3 300 | 3 300 | 750 0000 |
| 3 | 16 | 36 | 25 00 | 3 100 | 3 100 | 750 0000 |
| 3 | 16 | 41 | 30 00 | 3 400 | 3 400 | 750 0000 |
| 3 | 16 | 51 | 40 00 | 3 600 | 3 600 | 750 0000 |
| 3 | 17 | 1 | 50 00 | 3 700 | 3 700 | 750 0000 |
| 3 | 17 | 11 | 60 00 | 3 700 | 3 700 | 750 0000 |
| 3 | 17 | 41 | 90 00 | 4 100 | 4 100 | 750 0000 |
| 3 | 18 | 11 | 120 00 | 4 100 | 4 100 | 750 0000 |
| 3 | 18 | 41 | 150 00 | 4 400 | 4 400 | 750 0000 |
| 3 | 19 | 11 | 180 00 | 4 600 | 4 600 | 750 0000 |
| 3 | 19 | 41 | 210 00 | 4 800 | 4 800 | 750 0000 |
| 3 | 20 | 11 | 240 00 | 4 600 | 4 600 | 750 0000 |
| 3 | 20 | 41 | 270 00 | 4 600 | 4 600 | 750 0000 |

VALUE USED
750 0000

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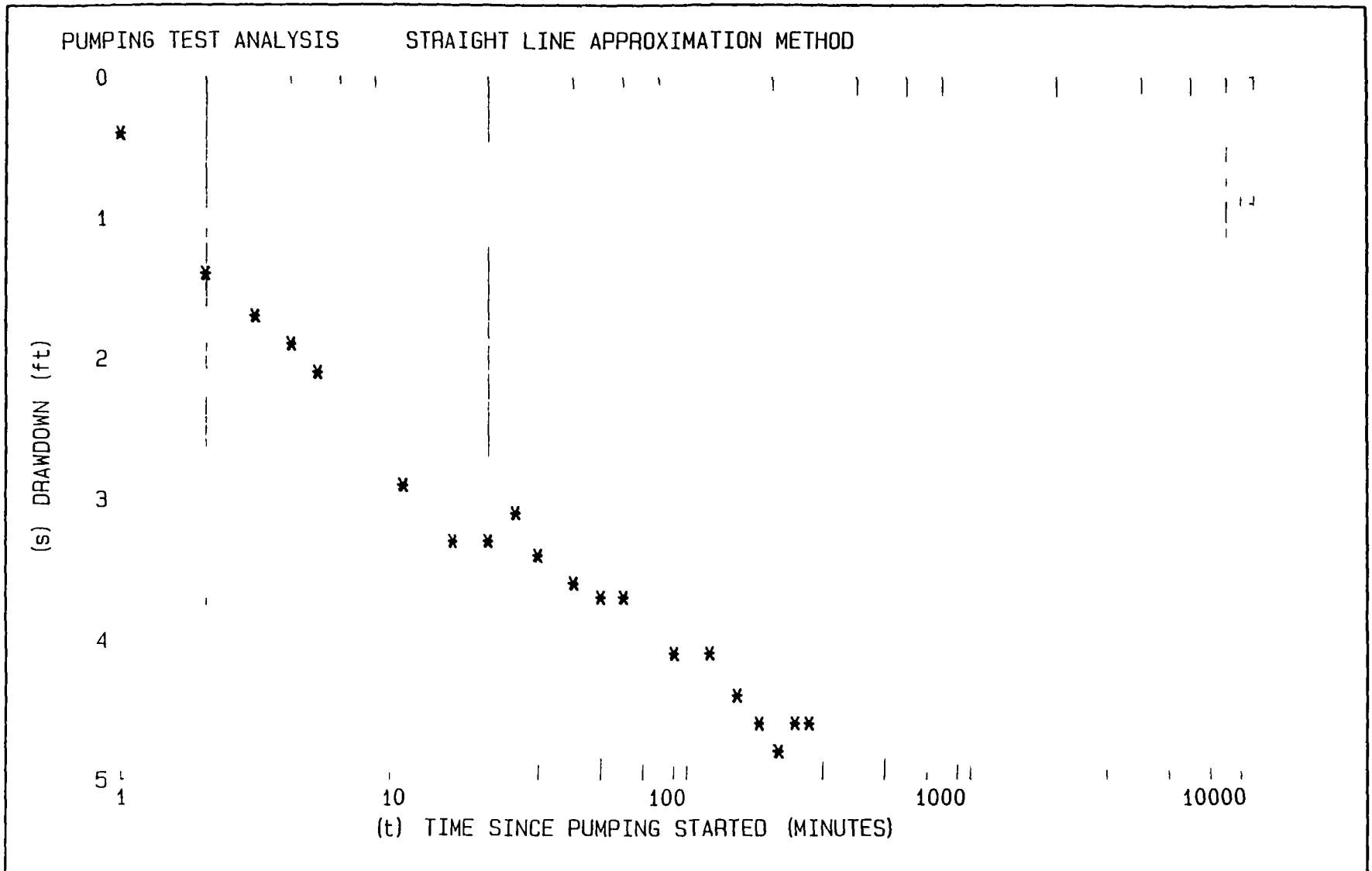
PUMPING TEST ANALYSIS STRAIGHT LINE APPROXIMATION METHOD
0
1
2
3
4
5
(s) DRAWDOWN (ft)
1
10
100
1000
10000
(t) TIME SINCE PUMPING STARTED (MINUTES)
PROJECT LINDSAY
FILE 85/2949
LOCATION LINDSAY NE
WELL NO P-1
Q= 750 USGPM
S W L = 29 9
ΔS=
T=
S=
HWS TECHNOLOGIES INC
FIGURE 2B

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NE
DATUM POINT TOC
PUMPING RATE 750 USGPM
AQUIFER THICKNESS 49 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-2
ELEV OF DATUM POINT 1675 93
STATIC WATER LEVEL 27 7
R = 20 25 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 3 | 16 | 11 | 0 00 | 0 000 | 0 000 | 750 0000 |
| 3 | 16 | 14 | 3 00 | 6 200 | 6 200 | 750 0000 |
| 3 | 16 | 15 | 4 00 | 6 400 | 6 400 | 750 0000 |
| 3 | 16 | 16 | 5 00 | 6 600 | 6 600 | 750 0000 |
| 3 | 16 | 21 | 10 00 | 7 500 | 7 500 | 750 0000 |
| 3 | 16 | 26 | 15 00 | 7 800 | 7 800 | 750 0000 |
| 3 | 16 | 31 | 20 00 | 7 800 | 7 800 | 750 0000 |
| 3 | 16 | 36 | 25 00 | 7 900 | 7 900 | 750 0000 |
| 3 | 16 | 41 | 30 00 | 8 100 | 8 100 | 750 0000 |
| 3 | 16 | 51 | 40 00 | 8 200 | 8 200 | 750 0000 |
| 3 | 17 | 1 | 50 00 | 8 200 | 8 200 | 750 0000 |
| 3 | 17 | 41 | 90 00 | 8 900 | 8 900 | 750 0000 |
| 3 | 18 | 11 | 120 00 | 9 000 | 9 000 | 750 0000 |
| 3 | 18 | 41 | 150 00 | 9 000 | 9 000 | 750 0000 |
| 3 | 19 | 11 | 180 00 | 9 400 | 9 400 | 750 0000 |
| 3 | 19 | 41 | 210 00 | 9 600 | 9 600 | 750 0000 |
| 3 | 20 | 11 | 240 00 | 9 600 | 9 600 | 750 0000 |
| 3 | 20 | 41 | 270 00 | 9 600 | 9 600 | 750 0000 |

VALUE USED
750 0000

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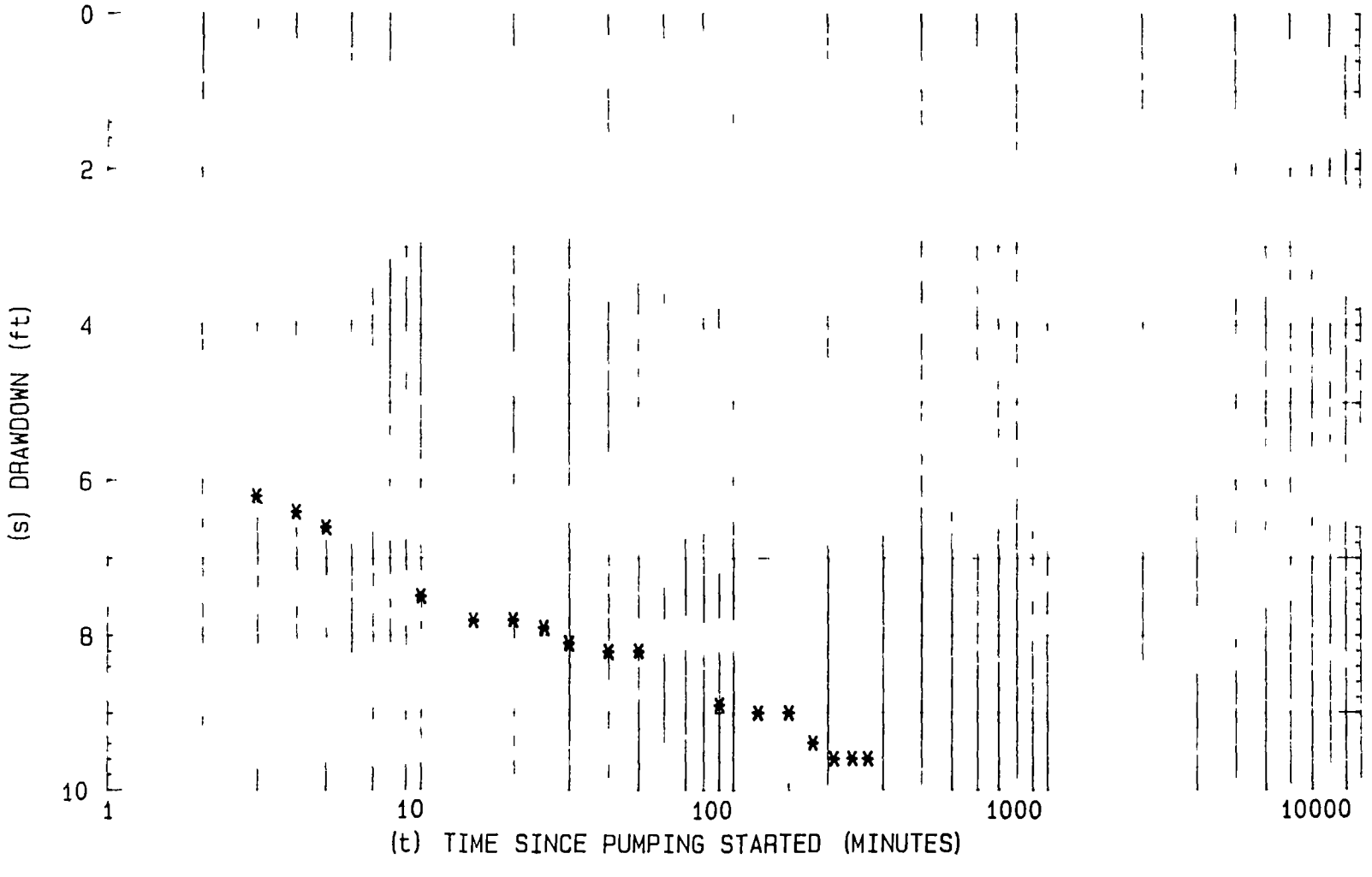
PUMPING TEST ANALYSIS STRAIGHT LINE APPROXIMATION METHOD




| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY | WELL NO | P-2 | ΔS= | |
| FILE | 85/2949 | Q= | 750 USGPM | T= | |
| LOCATION | LINDSAY NE | S W L = | 27 7 | S= | |

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FIGURE 2C

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOC
PUMPING RATE 750 USGPM
AQUIFER THICKNESS 49 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-3
ELEV OF DATUM POINT 1674 95
STATIC WATER LEVEL 27 0
R = 20 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 3 | 16 | 11 | 0 00 | 0 000 | 0 000 | 750 0000 |
| 3 | 16 | 12 | 1 00 | 6 100 | 6 100 | 750 0000 |
| 3 | 16 | 13 | 2 00 | 7 000 | 7 000 | 750 0000 |
| 3 | 16 | 14 | 3 00 | 6 500 | 6 500 | 750 0000 |
| 3 | 16 | 15 | 4 00 | 6 400 | 6 400 | 750 0000 |
| 3 | 16 | 16 | 5 00 | 6 000 | 6 000 | 750 0000 |
| 3 | 16 | 21 | 10 00 | 7 600 | 7 600 | 750 0000 |
| 3 | 16 | 26 | 15 00 | 8 000 | 8 000 | 750 0000 |
| 3 | 16 | 31 | 20 00 | 8 000 | 8 000 | 750 0000 |
| 3 | 16 | 36 | 25 00 | 8 000 | 8 000 | 750 0000 |
| 3 | 16 | 41 | 30 00 | 8 300 | 8 300 | 750 0000 |
| 3 | 16 | 51 | 40 00 | 8 300 | 8 300 | 750 0000 |
| 3 | 17 | 1 | 50 00 | 8 400 | 8 400 | 750 0000 |
| 3 | 17 | 11 | 60 00 | 8 500 | 8 500 | 750 0000 |
| 3 | 17 | 41 | 90 00 | 9 100 | 9 100 | 750 0000 |
| 3 | 18 | 11 | 120 00 | 9 100 | 9 100 | 750 0000 |
| 3 | 18 | 41 | 150 00 | 9 400 | 9 400 | 750 0000 |
| 3 | 19 | 11 | 180 00 | 9 700 | 9 700 | 750 0000 |
| 3 | 19 | 41 | 210 00 | 9 900 | 9 900 | 750 0000 |
| 3 | 20 | 11 | 240 00 | 9 600 | 9 600 | 750 0000 |
| 3 | 20 | 41 | 270 00 | 9 400 | 9 400 | 750 0000 |

| VALUE USED |
|---|
| 750 0000 |

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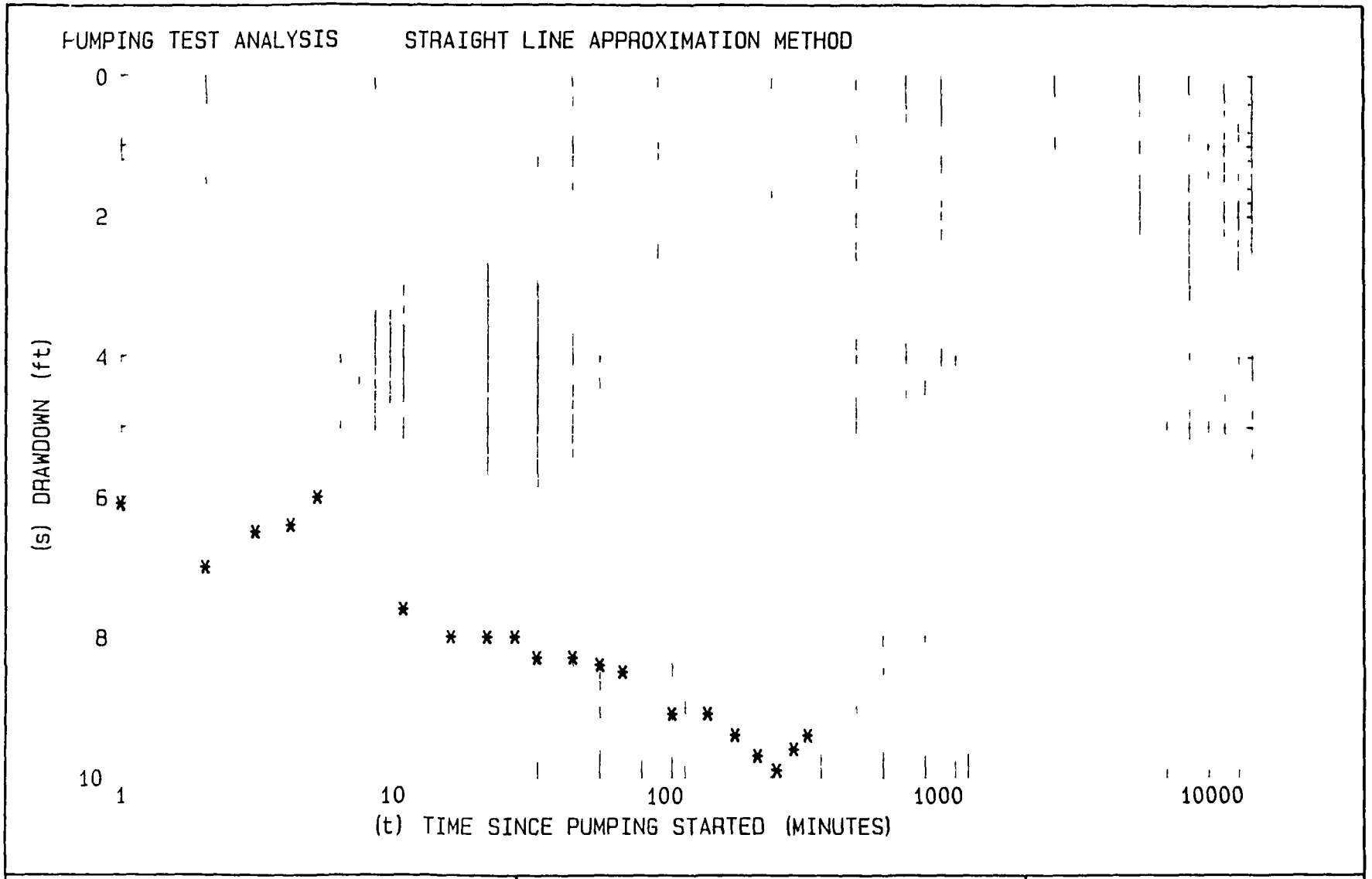
PUMPING TEST ANALYSIS STRAIGHT LINE APPROXIMATION METHOD
0
2
4
6
8
10
(s) DRAWDOWN (ft)
1
10
100
1000
10000
(t) TIME SINCE PUMPING STARTED (MINUTES)
PROJECT LINDSAY
FILE 85/2949
LOCATION LINDSAY NE
WELL NO P-3
Q= 750 USGPM
S W L = 27 0
ΔS=
T=
S=
HWS TECHNOLOGIES INC
FIGURE 2D

# PUMPING TEST - DRAWDOWN TA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NE
DATUM POINT TOC
PUMPING RATE 750 USGPM
AQUIFER THICKNESS 49 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-4
ELEV OF DATUM POINT 1675 28
STATIC WATER LEVEL 27 7
R = 19 5 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 3 | 16 | 11 | 0 00 | 0 000 | 0 000 | 750 0000 |
| 3 | 16 | 12 | 1 00 | 1 800 | 1 800 | 750 0000 |
| 3 | 16 | 13 | 2 00 | 5 500 | 5 500 | 750 0000 |
| 3 | 16 | 14 | 3 00 | 6 000 | 6 000 | 750 0000 |
| 3 | 16 | 15 | 4 00 | 6 200 | 6 200 | 750 0000 |
| 3 | 16 | 16 | 5 00 | 6 400 | 6 400 | 750 0000 |
| 3 | 16 | 21 | 10 00 | 7 300 | 7 300 | 750 0000 |
| 3 | 16 | 26 | 15 00 | 7 700 | 7 700 | 750 0000 |
| 3 | 16 | 31 | 20 00 | 7 700 | 7 700 | 750 0000 |
| 3 | 16 | 36 | 25 00 | 7 600 | 7 600 | 750 0000 |
| 3 | 16 | 41 | 30 00 | 7 800 | 7 800 | 750 0000 |
| 3 | 16 | 51 | 40 00 | 7 900 | 7 900 | 750 0000 |
| 3 | 17 | 1 | 50 00 | 8 000 | 8 000 | 750 0000 |
| 3 | 17 | 11 | 60 00 | 8 100 | 8 100 | 750 0000 |
| 3 | 17 | 41 | 90 00 | 8 600 | 8 600 | 750 0000 |
| 3 | 18 | 11 | 120 00 | 8 700 | 8 700 | 750 0000 |
| 3 | 18 | 41 | 150 00 | 8 900 | 8 900 | 750 0000 |
| 3 | 19 | 11 | 180 00 | 9 300 | 9 300 | 750 0000 |
| 3 | 19 | 41 | 210 00 | 9 500 | 9 500 | 750 0000 |
| 3 | 20 | 11 | 240 00 | 9 300 | 9 300 | 750 0000 |
| 3 | 20 | 41 | 270 00 | 9 100 | 9 100 | 750 0000 |

VALUE USED
750 0000

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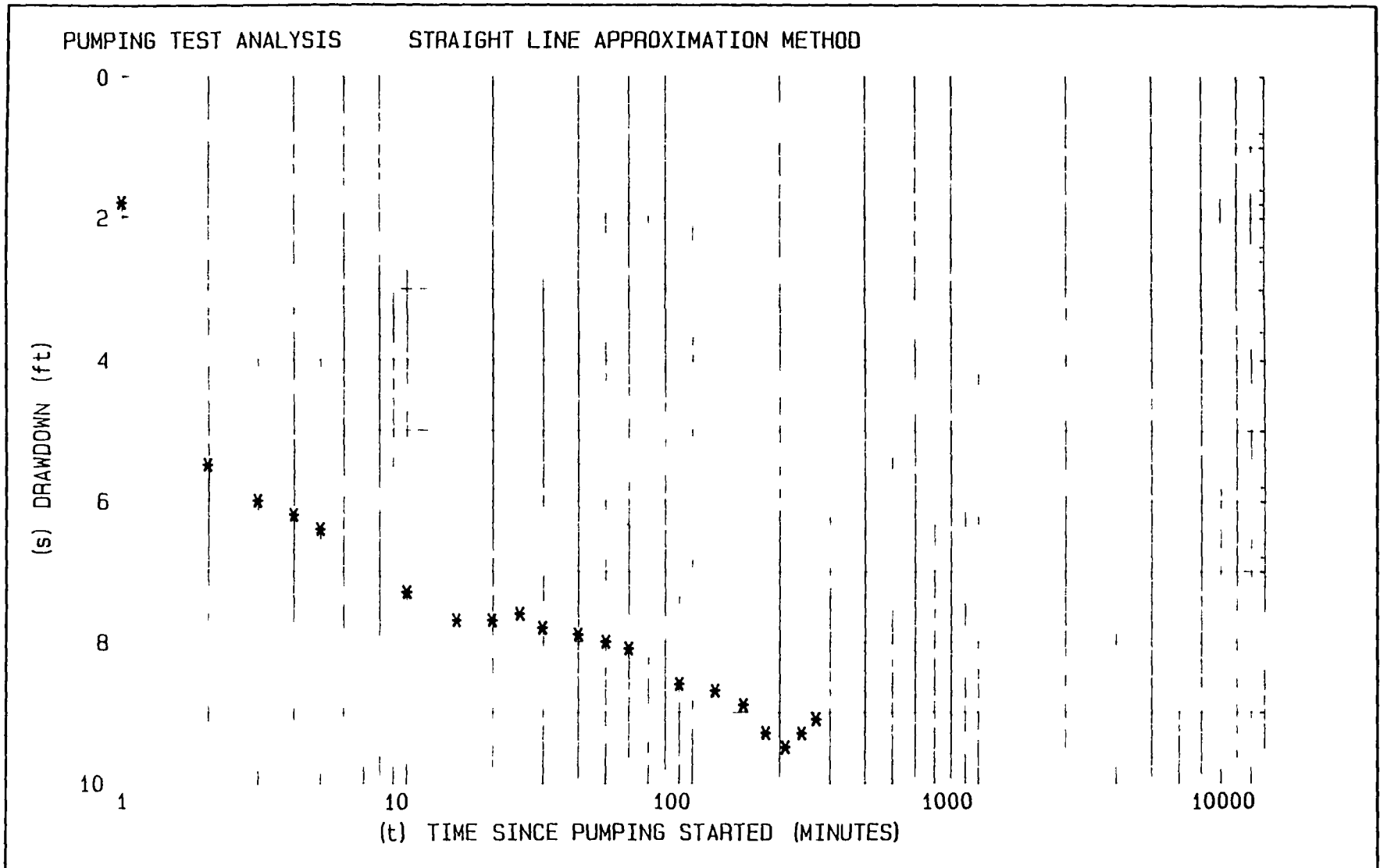


| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY | WELL NO | P-4 | ΔS= | |
| FILE | 85/2949 | Q= | 750 USGPM | T= | |
| LOCATION | LINDSAY NE | S W L = | 27 7 | S= | |

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FIGURE 2E

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOC
PUMPING RATE 750 USGPM
AQUIFER THICKNESS 49 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-5
ELEV OF DATUM POINT 1675 38
STATIC WATER LEVEL 27 9
R = 1 0 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 3 | 16 | 11 | 0 00 | 0 000 | 0 000 | 750 0000 |
| 3 | 16 | 13 | 2 00 | 14 400 | 14 400 | 750 0000 |
| 3 | 16 | 14 | 3 00 | 14 600 | 14 600 | 750 0000 |
| 3 | 16 | 15 | 4 00 | 14 800 | 14 800 | 750 0000 |
| 3 | 16 | 16 | 5 00 | 14 900 | 14 900 | 750 0000 |
| 3 | 16 | 21 | 10 00 | 15 500 | 15 500 | 750 0000 |
| 3 | 16 | 26 | 15 00 | 15 800 | 15 800 | 750 0000 |
| 3 | 16 | 31 | 20 00 | 15 800 | 15 800 | 750 0000 |
| 3 | 16 | 36 | 25 00 | 15 800 | 15 800 | 750 0000 |
| 3 | 16 | 41 | 30 00 | 16 200 | 16 200 | 750 0000 |
| 3 | 16 | 51 | 40 00 | 16 400 | 16 400 | 750 0000 |
| 3 | 17 | 1 | 50 00 | 16 500 | 16 500 | 750 0000 |
| 3 | 17 | 11 | 60 00 | 16 500 | 16 500 | 750 0000 |
| 3 | 17 | 41 | 90 00 | 17 100 | 17 100 | 750 0000 |
| 3 | 18 | 11 | 120 00 | 17 200 | 17 200 | 750 0000 |
| 3 | 18 | 41 | 150 00 | 17 300 | 17 300 | 750 0000 |
| 3 | 19 | 11 | 180 00 | 17 700 | 17 700 | 750 0000 |
| 3 | 19 | 41 | 210 00 | 17 900 | 17 900 | 750 0000 |
| 3 | 20 | 11 | 240 00 | 17 700 | 17 700 | 750 0000 |
| 3 | 20 | 41 | 270 00 | 17 400 | 17 400 | 750 0000 |
| | | | | | | VALUE USED |
| | | | | | | 750 0000 |

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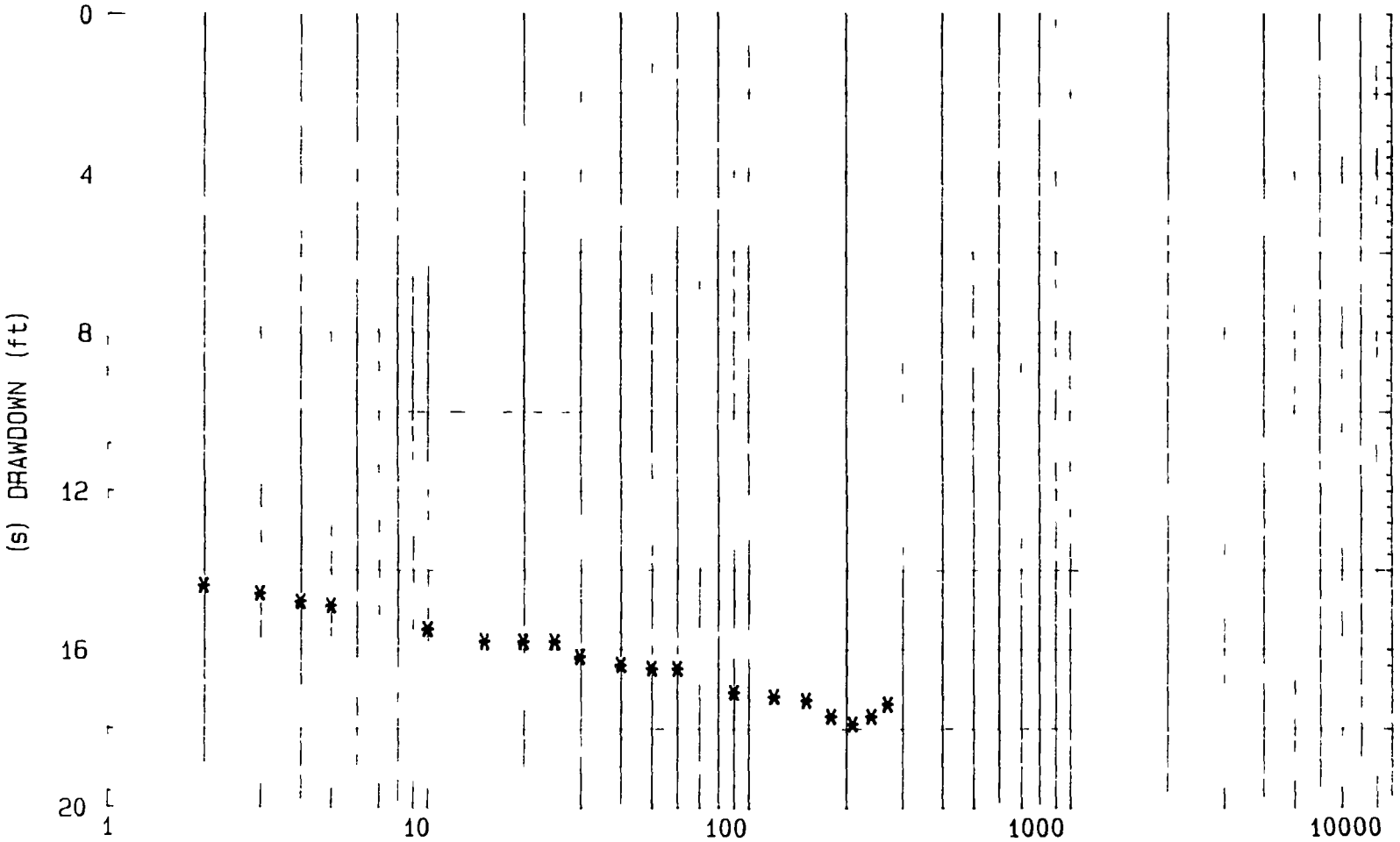
PUMPING TEST ANALYSIS STRAIGHT LINE APPROXIMATION METHOD




| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY | WELL NO | P-5 | ΔS= | |
| FILE | 85/2949 | Q= | 750 USGPM | T= | |
| LOCATION | LINDSAY NE | S W L = | 27 9 | S= | |

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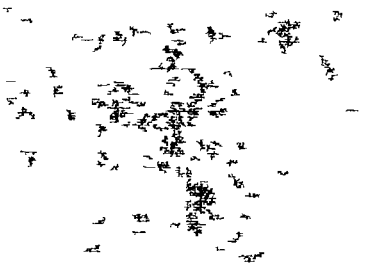
FIGURE 2F

EXHIBIT III

(6/25 to 27/84)
Q = 500 gpm



## DISTANCE - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURINGFILE NO 85/2949
LOCATION LINDSAY NEBRASKA START TIME OF TEST 25/17/00
DURATION (minutes) 1000 Q OF PROD WELL (USGPM) 500

| WELL NO | DISTANCE (ft) | DRAWDOWN s (ft) |
|---|---|---|
| P-1 | 150 0000 | 1 75000 |
| P-3 | 20 0000 | 4 45000 |
| P-4 | 19 5000 | 4 20000 |
| P-6 | 125 0000 | 1 23000 |
| P-7 | 178 0000 | 2 00000 |
| P-8 | 308 0000 | 1 00000 |
| P-9 | 730 0000 | 1 20000 |

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PUMPING TEST COEFFICIENTS

PROJECT LINDSAY MANUFACTURING FILE NO 85/2949
LOCATION LINDSAY NEBRASKA DURATION (min) 1000

DISTANCE / DRAWDOWN GRAPH

LINE SEGMENT # 1

delta s = 2 291342 FT T = 115216 3 USGPD/FT S = 1 875586E-02

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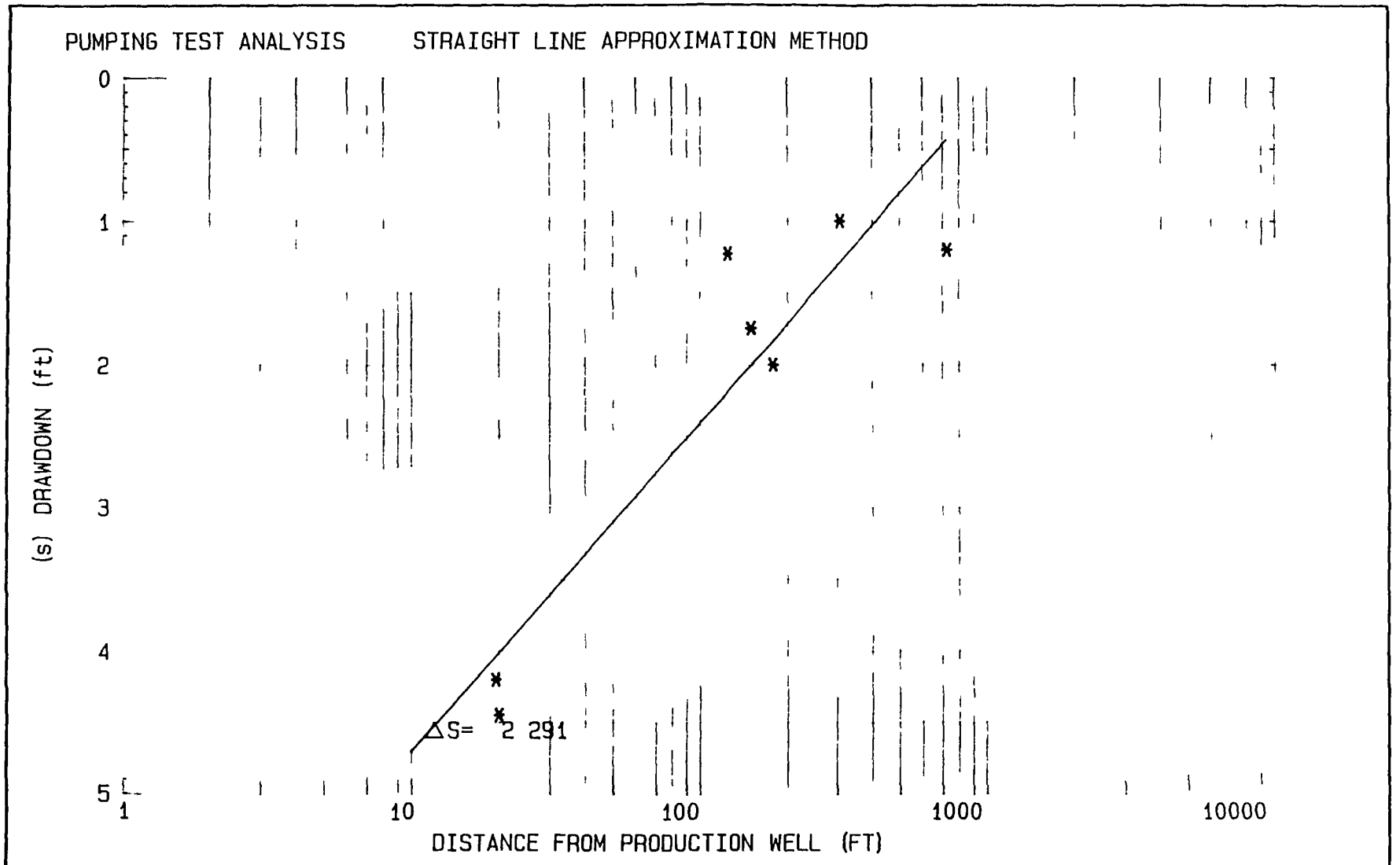


| | | |
|---|---|---|
| PROJECT LINDSAY<br>FILE 85/2949<br>LOCATION LINDSAY NE | PUMPING RATE FOR PRODUCTION WELL<br>INTERCEPTOR WELL = 500 USGPM | ΔS= 2 291 FT<br>T= 115216 USGPD/FT<br>S= 01876 |

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FIGURE 3A

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOP OF CASING
PUMPING RATE 500 USGPM
AQUIFER THICKNESS 40 5 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-1
ELEV OF DATUM POINT 1677 36
STATIC WATER LEVEL 25 25
R = 150 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 25 | 17 | 8 | 0 00 | 25 250 | 0 000 | 500 0000 |
| 25 | 22 | 28 | 320 00 | 26 800 | 1 550 | 500 0000 |
| 26 | 2 | 55 | 587 00 | 26 900 | 1 650 | 500 0000 |
| 26 | 7 | 15 | 847 00 | 27 000 | 1 750 | 500 0000 |
| 26 | 11 | 20 | 1092 00 | 26 950 | 1 700 | 500 0000 |
| 26 | 14 | 35 | 1287 00 | 27 000 | 1 750 | 500 0000 |
| 26 | 15 | 45 | 1357 00 | 27 100 | 1 850 | 500 0000 |
| 26 | 19 | 15 | 1567 00 | 27 000 | 1 750 | 500 0000 |
| 26 | 22 | 56 | 1788 00 | 28 450 | 3 200 | 500 0000 |
| 27 | 2 | 42 | 2014 00 | 27 150 | 1 900 | 500 0000 |
| 27 | 8 | 30 | 2362 00 | 27 200 | 1 950 | 500 0000 |
| 27 | 12 | 15 | 2587 00 | 27 400 | 2 150 | 500 0000 |
| 27 | 13 | 47 | 2679 00 | 27 400 | 2 150 | 500 0000 |
| 27 | 16 | 31 | 2843 00 | 27 300 | 2 050 | 500 0000 |
| 27 | 20 | 13 | 3065 00 | 27 400 | 2 150 | 500 0000 |
| 28 | 0 | 10 | 3302 00 | 27 300 | 2 050 | 500 0000 |
| 28 | 4 | 20 | 3552 00 | 27 400 | 2 150 | 500 0000 |
| 28 | 8 | 2 | 3774 00 | 27 500 | 2 250 | 500 0000 |
| 28 | 12 | 23 | 4035 00 | 27 500 | 2 250 | 500 0000 |
| 28 | 15 | 52 | 4244 00 | 27 500 | 2 250 | 500 0000 |

VALUE USED
500 0000

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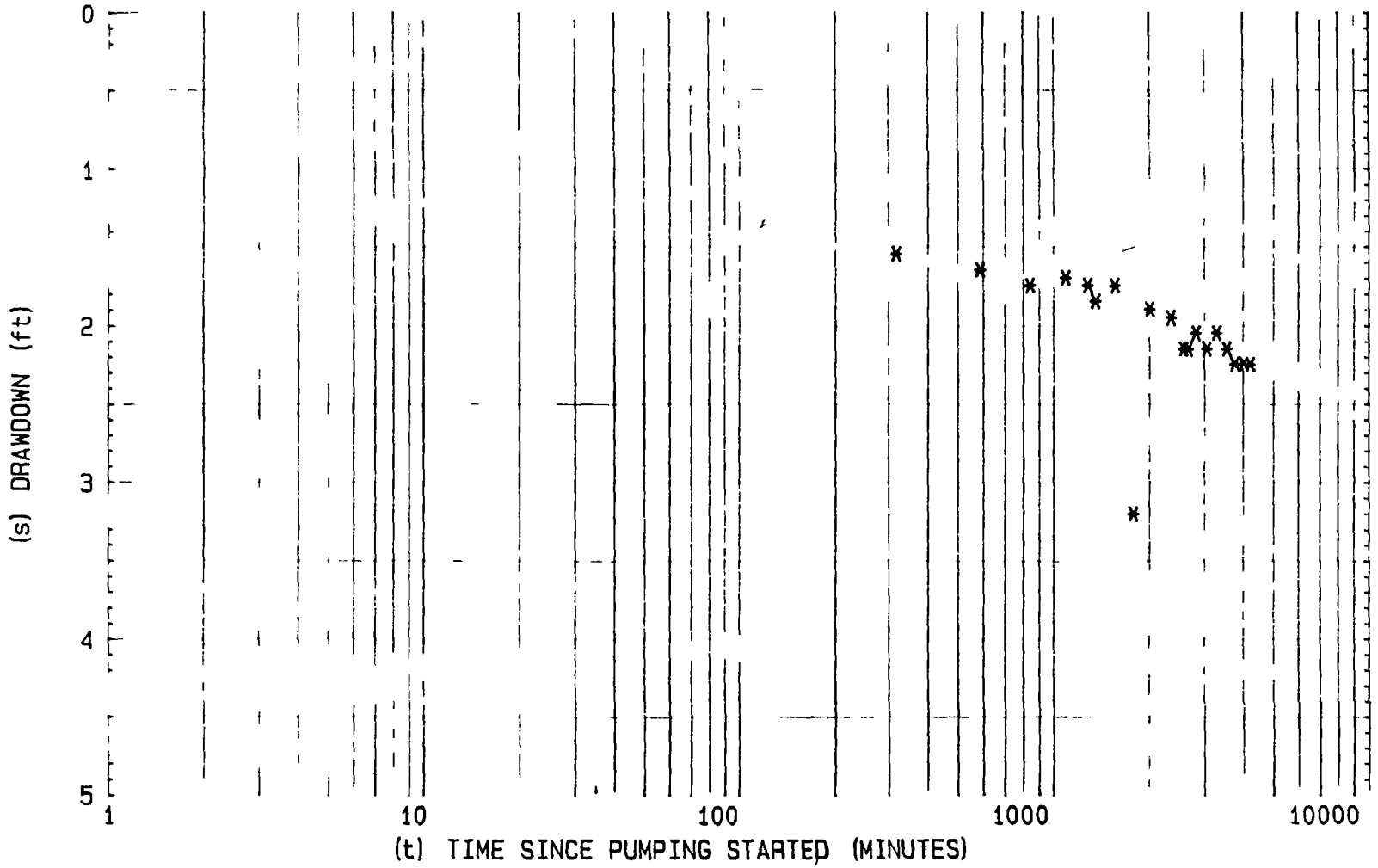
PUMPING TEST ANALYSIS STRAIGHT LINE APPROXIMATION METHOD




| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY | WELL NO | P-1 | △S= | |
| FILE | 85/2949 | Q= | 500 USGPM | T= | |
| LOCATION | LINDSAY NE | S W L = | 25 25 | S= | |

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FIGURE 3B

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOP OF CASING
PUMPING RATE 500 USGPM
AQUIFER THICKNESS 49 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-3
ELEV OF DATUM POINT 1674 95
STATIC WATER LEVEL 22 8
R = 20 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 25 | 17 | 10 | 0 00 | 22 800 | 0 000 | 500 0000 |
| 25 | 22 | 0 | 290 00 | 27 000 | 4 200 | 500 0000 |
| 26 | 3 | 15 | 605 00 | 27 292 | 4 492 | 500 0000 |
| 26 | 7 | 58 | 888 00 | 27 292 | 4 492 | 500 0000 |
| 26 | 8 | 30 | 920 00 | 27 250 | 4 450 | 500 0000 |
| 26 | 11 | 50 | 1120 00 | 27 250 | 4 450 | 500 0000 |
| 26 | 14 | 44 | 1294 00 | 27 708 | 4 908 | 500 0000 |
| 26 | 16 | 5 | 1375 00 | 27 667 | 4 867 | 500 0000 |
| 26 | 19 | 37 | 1587 00 | 27 708 | 4 908 | 500 0000 |
| 26 | 23 | 11 | 1801 00 | 28 083 | 5 283 | 500 0000 |
| 27 | 3 | 4 | 2034 00 | 27 750 | 4 950 | 500 0000 |
| 27 | 8 | 40 | 2370 00 | 27 792 | 4 992 | 500 0000 |
| 27 | 11 | 10 | 2520 00 | 27 875 | 5 075 | 500 0000 |
| 27 | 14 | 6 | 2696 00 | 28 021 | 5 221 | 500 0000 |
| 27 | 16 | 51 | 2861 00 | 27 990 | 5 190 | 500 0000 |
| 27 | 20 | 23 | 3073 00 | 27 979 | 5 179 | 500 0000 |
| 28 | 0 | 27 | 3317 00 | 28 000 | 5 200 | 500 0000 |
| 28 | 4 | 31 | 3561 00 | 27 917 | 5 117 | 500 0000 |
| 28 | 9 | 47 | 3877 00 | 28 021 | 5 221 | 500 0000 |
| 28 | 12 | 38 | 4048 00 | 27 917 | 5 117 | 500 0000 |
| 28 | 16 | 12 | 4262 00 | 27 958 | 5 158 | 500 0000 |

| VALUE USED |
|---|
| 500 0000 |

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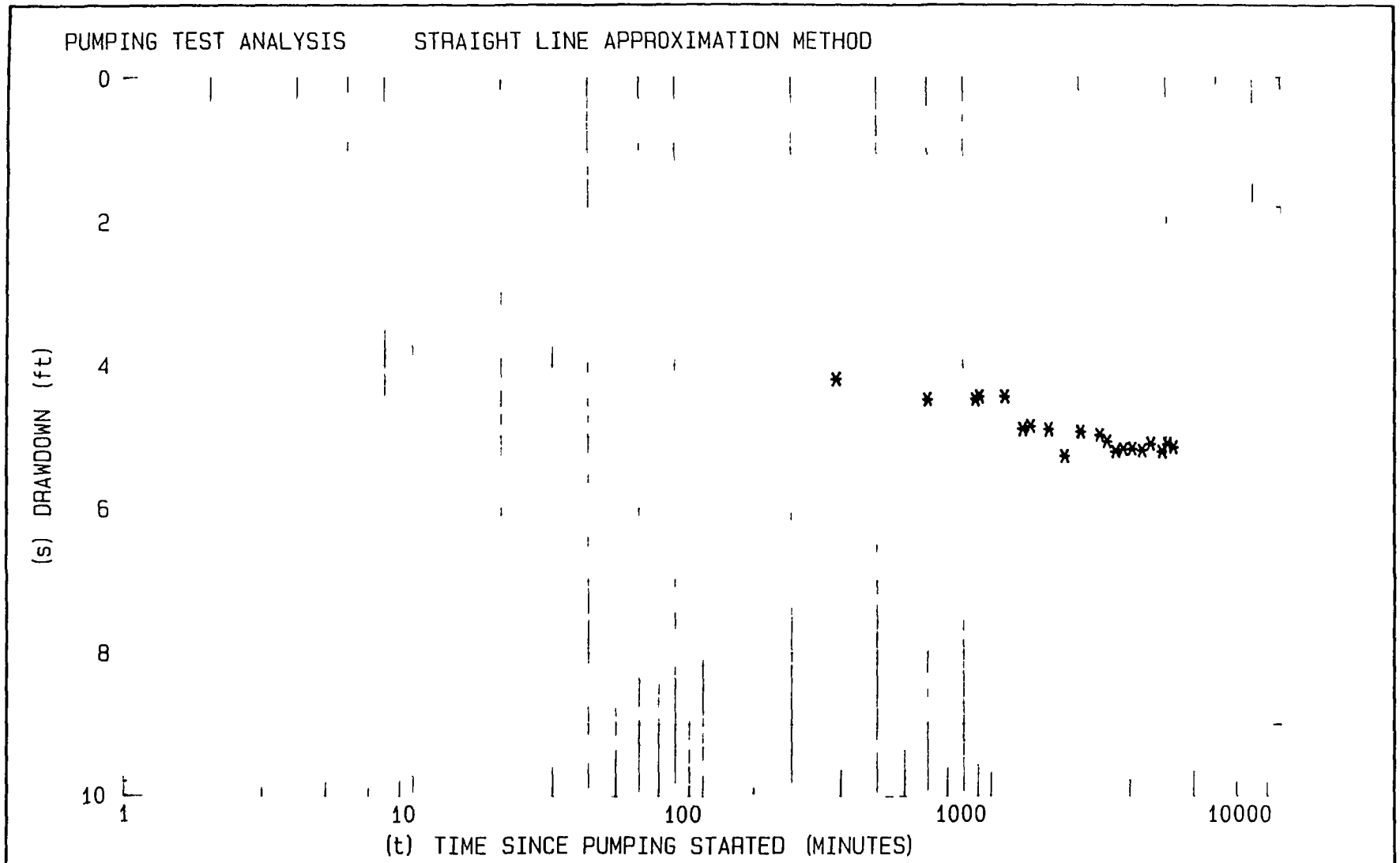


| | | |
|---|---|---|
| PROJECT LINDSAY<br>FILE 85/2949<br>LOCATION LINDSAY NE | WELL NO P-3<br>Q= 500 USGPM<br>S W L = 22 8 | △S=<br>T=<br>S= |

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FIGURE 3C

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOP OF CASING
PUMPING RATE 500 USGPM
AQUIFER THICKNESS 49 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-4
ELEV OF DATUM POINT 1675 28
STATIC WATER LEVEL 23 45
R = 19 5 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 25 | 17 | 0 | 0 00 | 23 450 | 0 000 | 500 0000 |
| 26 | 3 | 23 | 623 00 | 27 792 | 4 342 | 500 0000 |
| 26 | 8 | 35 | 935 00 | 27 792 | 4 342 | 500 0000 |
| 26 | 11 | 12 | 1092 00 | 27 583 | 4 133 | 500 0000 |
| 26 | 14 | 33 | 1293 00 | 28 060 | 4 610 | 500 0000 |
| 26 | 16 | 12 | 1392 00 | 28 083 | 4 633 | 500 0000 |
| 26 | 19 | 53 | 1613 00 | 28 125 | 4 675 | 500 0000 |
| 26 | 23 | 27 | 1827 00 | 28 417 | 4 967 | 500 0000 |
| 27 | 3 | 22 | 2062 00 | 28 250 | 4 800 | 500 0000 |
| 27 | 8 | 52 | 2392 00 | 28 167 | 4 717 | 500 0000 |
| 27 | 11 | 15 | 2535 00 | 28 250 | 4 800 | 500 0000 |
| 27 | 14 | 18 | 2718 00 | 28 417 | 4 967 | 500 0000 |
| 27 | 17 | 6 | 2886 00 | 28 417 | 4 967 | 500 0000 |
| 27 | 20 | 27 | 3087 00 | 28 396 | 4 946 | 500 0000 |
| 28 | 0 | 40 | 3340 00 | 28 292 | 4 842 | 500 0000 |
| 28 | 4 | 38 | 3578 00 | 28 375 | 4 925 | 500 0000 |
| 28 | 10 | 3 | 3903 00 | 28 375 | 4 925 | 500 0000 |
| 28 | 12 | 45 | 4065 00 | 28 500 | 5 050 | 500 0000 |
| 28 | 16 | 27 | 4287 00 | 28 375 | 4 925 | 500 0000 |

VALUE USED
500 0000

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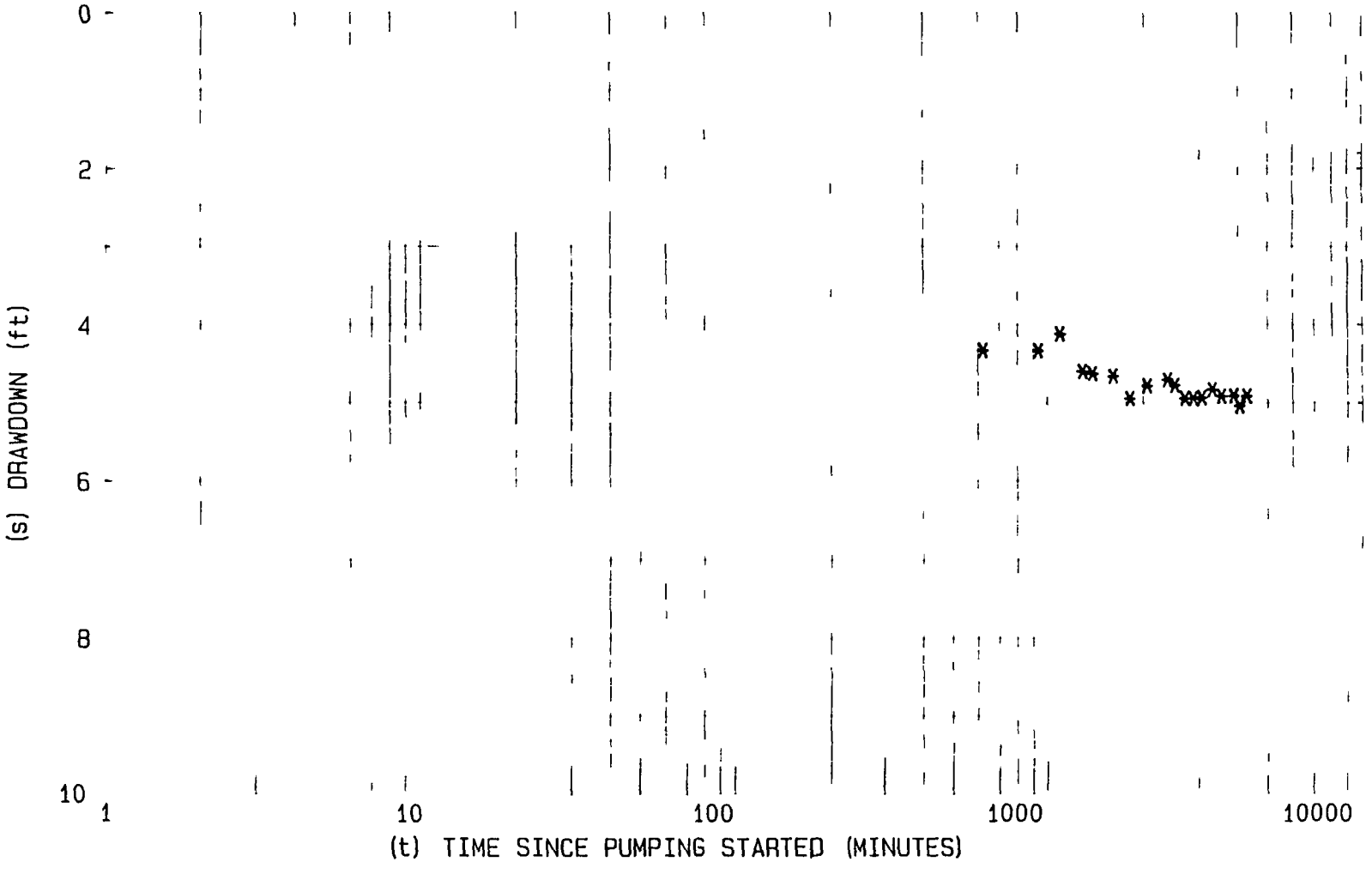
PUMPING TEST ANALYSIS STRAIGHT LINE APPROXIMATION METHOD




| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY | WELL NO | P-4 | △S= | |
| FILE | 85/2949 | Q= | 500 USGPM | T= | |
| LOCATION | LINDSAY NE | S W L = | 23 45 | S= | |

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FIGURE 30

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOP OF CASING
PUMPING RATE 500 USGPM
AQUIFER THICKNESS 47 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-6
ELEV OF DATUM POINT 1674 96
STATIC WATER LEVEL 23 6
R = 125 FT FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 25 | 17 | 20 | 0 00 | 23 600 | 0 000 | 500 0000 |
| 25 | 22 | 32 | 312 00 | 24 625 | 1 025 | 500 0000 |
| 26 | 3 | 38 | 618 00 | 24 833 | 1 233 | 500 0000 |
| 26 | 8 | 45 | 925 00 | 24 833 | 1 233 | 500 0000 |
| 26 | 11 | 55 | 1115 00 | 24 833 | 1 233 | 500 0000 |
| 26 | 14 | 46 | 1286 00 | 25 000 | 1 400 | 500 0000 |
| 26 | 16 | 15 | 1375 00 | 25 000 | 1 400 | 500 0000 |
| 26 | 19 | 45 | 1585 00 | 25 167 | 1 567 | 500 0000 |
| 26 | 23 | 18 | 1798 00 | 25 250 | 1 650 | 500 0000 |
| 27 | 3 | 12 | 2032 00 | 25 250 | 1 650 | 500 0000 |
| 27 | 8 | 47 | 2367 00 | 25 167 | 1 567 | 500 0000 |
| 27 | 11 | 28 | 2528 00 | 25 292 | 1 692 | 500 0000 |
| 27 | 14 | 11 | 2691 00 | 25 500 | 1 900 | 500 0000 |
| 27 | 16 | 56 | 2856 00 | 25 396 | 1 796 | 500 0000 |
| 27 | 20 | 25 | 3065 00 | 25 396 | 1 796 | 500 0000 |
| 27 | 22 | 35 | 3195 00 | 25 458 | 1 858 | 500 0000 |
| 28 | 2 | 4 | 3404 00 | 25 333 | 1 733 | 500 0000 |
| 28 | 4 | 35 | 3555 00 | 25 292 | 1 692 | 500 0000 |
| 28 | 9 | 57 | 3877 00 | 25 312 | 1 712 | 500 0000 |
| 28 | 12 | 42 | 4042 00 | 25 479 | 1 879 | 500 0000 |
| 28 | 16 | 20 | 4260 00 | 25 458 | 1 858 | 500 0000 |

VALUE USED
500 0000

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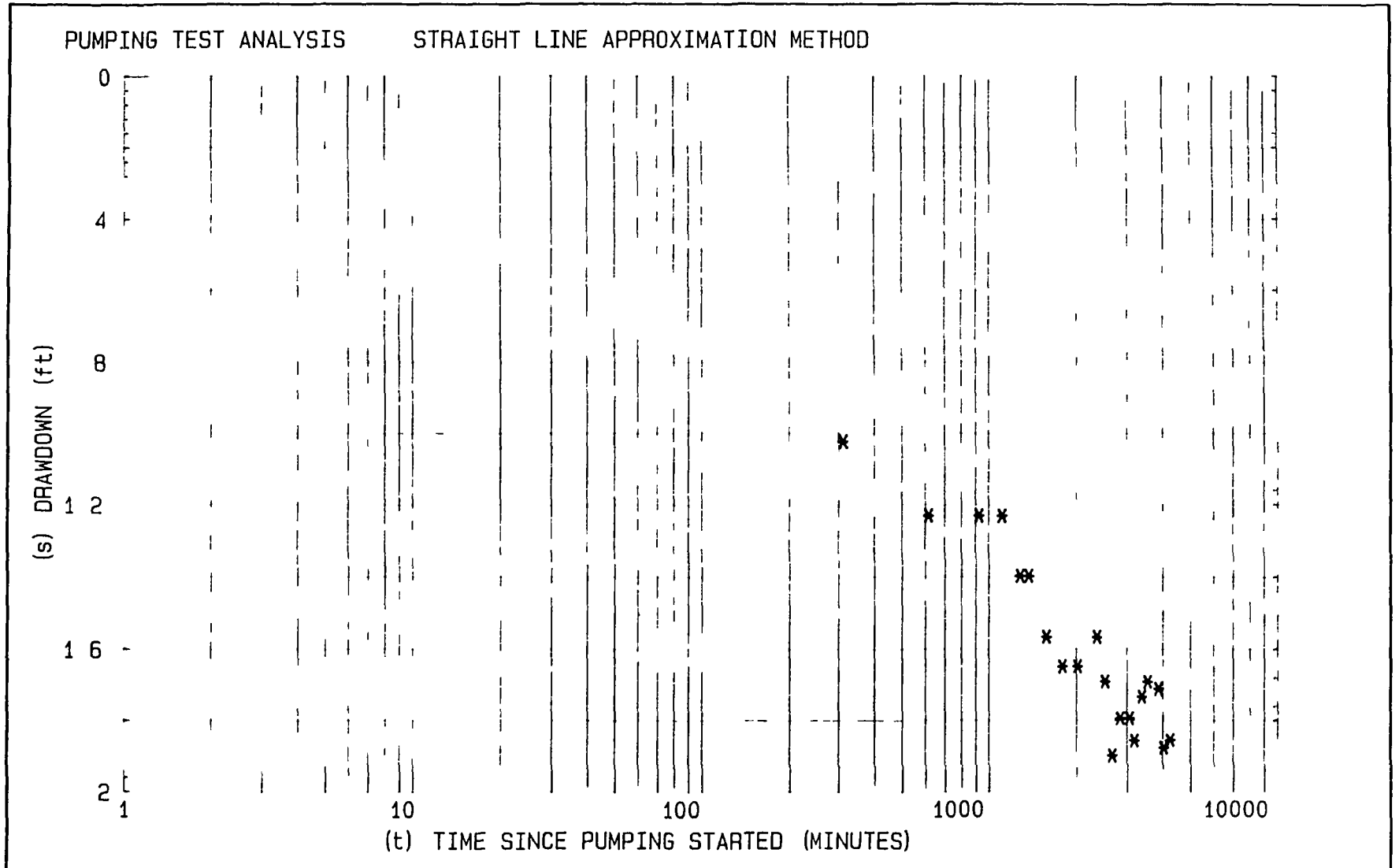


| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY | WELL NO | P-6 | △S= | |
| FILE | 85/2949 | Q= | 500 USGPM | T= | |
| LOCATION | LINDSAY NE | S W L = | 23 6 | S= | |

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FIGURE 3E

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOP OF CASING
PUMPING RATE 500 USGPM
AQUIFER THICKNESS 48 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-7
ELEV OF DATUM POINT 1674 63
STATIC WATER LEVEL 21 75
R = 178 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 25 | 17 | 0 | 0 00 | 21 750 | 0 000 | 500 0000 |
| 26 | 4 | 12 | 672 00 | 23 833 | 2 083 | 500 0000 |
| 26 | 9 | 8 | 968 00 | 23 833 | 2 083 | 500 0000 |
| 26 | 11 | 25 | 1105 00 | 23 750 | 2 000 | 500 0000 |
| 26 | 14 | 50 | 1310 00 | 24 167 | 2 417 | 500 0000 |
| 26 | 16 | 40 | 1420 00 | 24 083 | 2 333 | 500 0000 |
| 26 | 20 | 5 | 1625 00 | 24 167 | 2 417 | 500 0000 |
| 26 | 23 | 50 | 1850 00 | 24 417 | 2 667 | 500 0000 |
| 27 | 3 | 48 | 2088 00 | 24 208 | 2 458 | 500 0000 |
| 27 | 9 | 15 | 2415 00 | 24 250 | 2 500 | 500 0000 |
| 27 | 14 | 34 | 2734 00 | 24 292 | 2 542 | 500 0000 |
| 27 | 17 | 31 | 2911 00 | 24 417 | 2 667 | 500 0000 |
| 27 | 20 | 37 | 3097 00 | 24 396 | 2 646 | 500 0000 |
| 28 | 1 | 5 | 3365 00 | 24 417 | 2 667 | 500 0000 |
| 28 | 4 | 45 | 3585 00 | 24 333 | 2 583 | 500 0000 |
| 28 | 11 | 3 | 3963 00 | 24 354 | 2 604 | 500 0000 |
| 28 | 12 | 55 | 4075 00 | 24 396 | 2 646 | 500 0000 |
| 28 | 16 | 50 | 4310 00 | 24 417 | 2 667 | 500 0000 |

VALUE USED
500 0000

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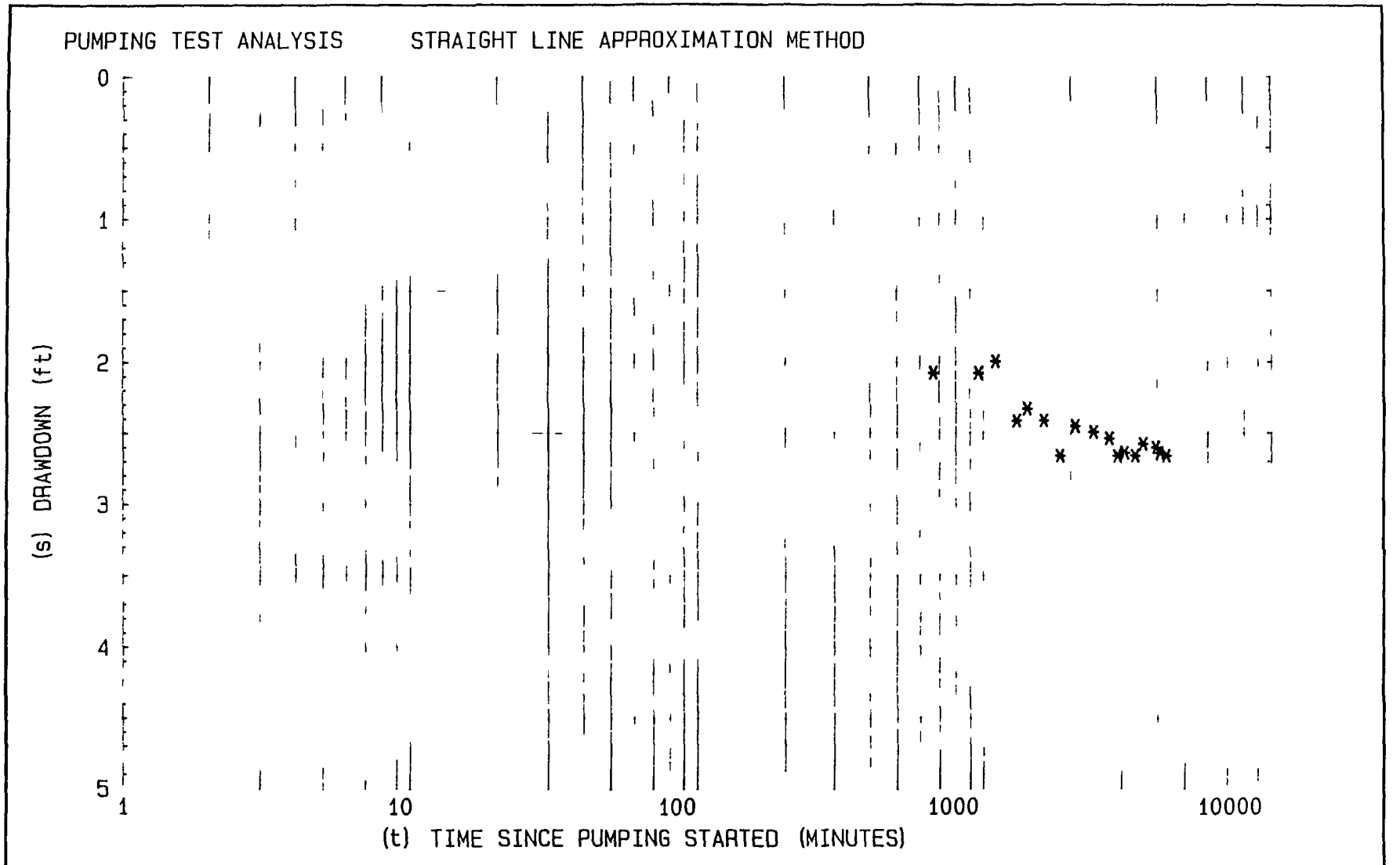


| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY | WELL NO | P-7 | △S= | |
| FILE | 85/2949 | Q= | 500 USGPM | T= | |
| LOCATION | LINDSAY NE | S W L = | 21 75 | S= | |

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FIGURE 3F

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOP OF CASING
PUMPING RATE 500 USGPM
AQUIFER THICKNESS 44 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-8
ELEV OF DATUM POINT 1674 39
STATIC WATER LEVEL 21 75
R = 308 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 25 | 17 | 5 | 0 00 | 21 750 | 0 000 | 500 0000 |
| 25 | 22 | 52 | 347 00 | 22 583 | 0 833 | 500 0000 |
| 26 | 4 | 20 | 675 00 | 22 708 | 0 958 | 500 0000 |
| 26 | 9 | 12 | 967 00 | 22 750 | 1 000 | 500 0000 |
| 26 | 12 | 40 | 1175 00 | 22 833 | 1 083 | 500 0000 |
| 26 | 14 | 54 | 1309 00 | 23 000 | 1 250 | 500 0000 |
| 26 | 16 | 55 | 1430 00 | 22 917 | 1 167 | 500 0000 |
| 26 | 20 | 15 | 1630 00 | 23 250 | 1 500 | 500 0000 |
| 26 | 23 | 56 | 1851 00 | 23 250 | 1 500 | 500 0000 |
| 27 | 3 | 55 | 2090 00 | 23 354 | 1 604 | 500 0000 |
| 27 | 9 | 20 | 2415 00 | 23 208 | 1 458 | 500 0000 |
| 27 | 14 | 38 | 2733 00 | 23 333 | 1 583 | 500 0000 |
| 27 | 17 | 39 | 2914 00 | 23 396 | 1 646 | 500 0000 |
| 27 | 20 | 43 | 3098 00 | 23 458 | 1 708 | 500 0000 |
| 28 | 1 | 20 | 3375 00 | 23 333 | 1 583 | 500 0000 |
| 28 | 4 | 48 | 3583 00 | 23 333 | 1 583 | 500 0000 |
| 28 | 11 | 10 | 3965 00 | 23 375 | 1 625 | 500 0000 |
| 28 | 12 | 59 | 4074 00 | 23 500 | 1 750 | 500 0000 |
| 28 | 16 | 57 | 4312 00 | 23 208 | 1 458 | 500 0000 |

VALUE USED
500 0000

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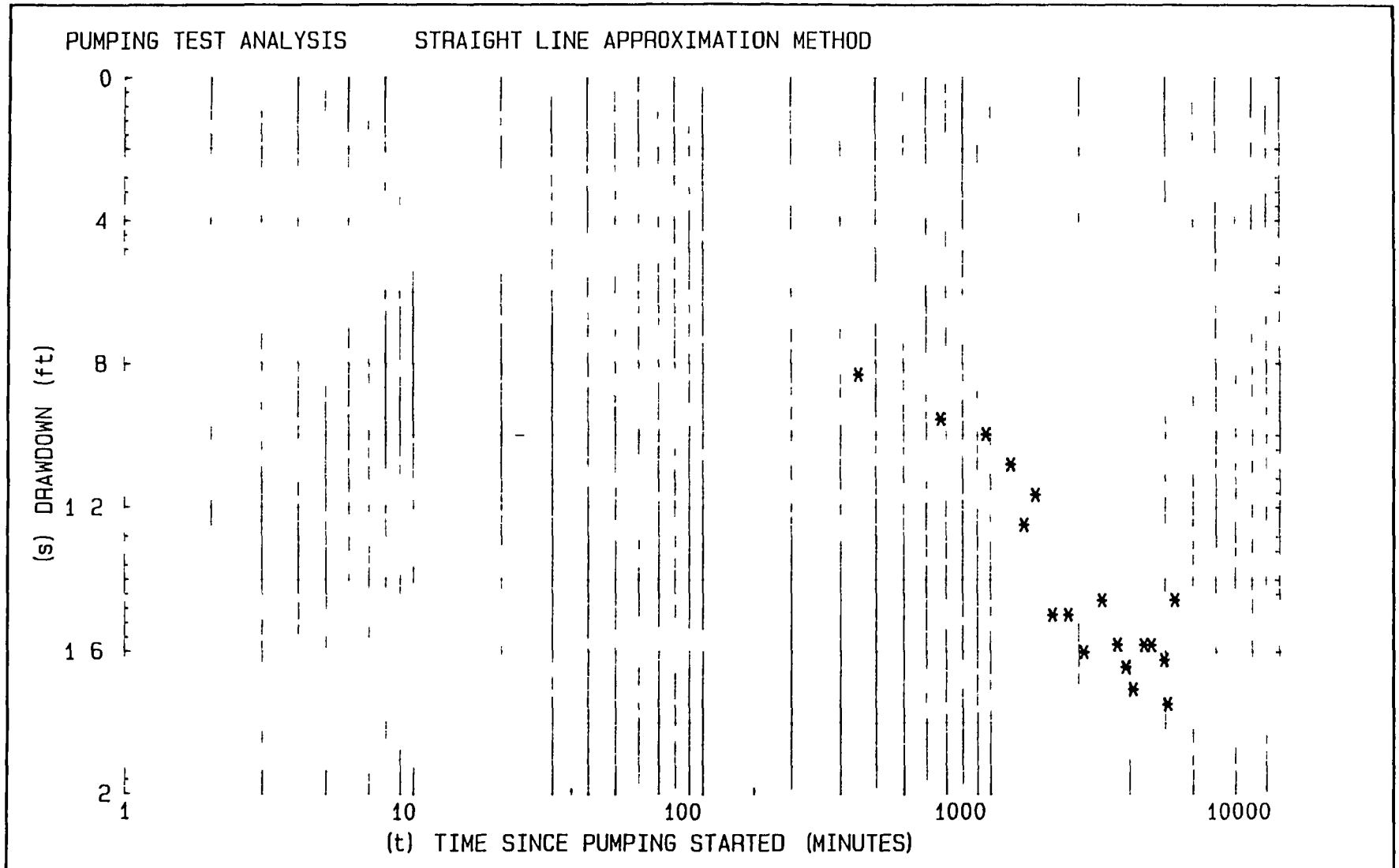


| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY | WELL NO | P-8 | △S= | |
| FILE | 85/2949 | Q= | 500 USGPM | T= | |
| LOCATION | LINDSAY NE | S W L = | 21 75 | S= | |

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FIGURE 3G

# PUMPING TEST - DRAWDOWN DATA

PROJECT LINDSAY MANUFACTURING
LOCATION LINDSAY NEBRASKA
DATUM POINT TOP OF CASING
PUMPING RATE 500 USGPM
AQUIFER THICKNESS 45 FT
CONDITIONS CONFINED

FILE NO 85/2949
WELL NO P-9
ELEV OF DATUM POINT 1674 55
STATIC WATER LEVEL 21 6
R = 730 FT FROM INTERCEPTOR WELL
SCREEN INTERVAL 70 FT TO 90 FT

| TIME | | | ELAPSED TIME | WATER LEVEL | DRAWDOWN | (Q) |
|---|---|---|---|---|---|---|
| DY | HR | MN | t (MIN) | (ft) | s (ft) | (USGPM) |
| 25 | 17 | 10 | 0 00 | 21 600 | 0 000 | 500 0000 |
| 25 | 22 | 57 | 347 00 | 22 542 | 0 942 | 500 0000 |
| 26 | 4 | 30 | 680 00 | 22 729 | 1 129 | 500 0000 |
| 26 | 9 | 15 | 965 00 | 22 729 | 1 129 | 500 0000 |
| 26 | 12 | 45 | 1175 00 | 22 833 | 1 233 | 500 0000 |
| 26 | 14 | 58 | 1308 00 | 22 833 | 1 233 | 500 0000 |
| 26 | 17 | 0 | 1430 00 | 22 917 | 1 317 | 500 0000 |
| 26 | 20 | 30 | 1640 00 | 22 958 | 1 358 | 500 0000 |
| 28 | 0 | 14 | 3304 00 | 23 167 | 1 567 | 500 0000 |
| 27 | 4 | 13 | 2103 00 | 23 167 | 1 567 | 500 0000 |
| 27 | 9 | 25 | 2415 00 | 23 167 | 1 567 | 500 0000 |
| 27 | 14 | 45 | 2735 00 | 23 167 | 1 567 | 500 0000 |
| 27 | 17 | 53 | 2923 00 | 23 333 | 1 733 | 500 0000 |
| 27 | 20 | 49 | 3099 00 | 23 167 | 1 567 | 500 0000 |
| 28 | 1 | 40 | 3390 00 | 23 208 | 1 608 | 500 0000 |
| 28 | 4 | 53 | 3583 00 | 23 208 | 1 608 | 500 0000 |
| 28 | 11 | 20 | 3970 00 | 23 333 | 1 733 | 500 0000 |
| 28 | 13 | 3 | 4073 00 | 23 312 | 1 712 | 500 0000 |
| 28 | 17 | 7 | 4317 00 | 23 208 | 1 608 | 500 0000 |

VALUE USED
500 0000

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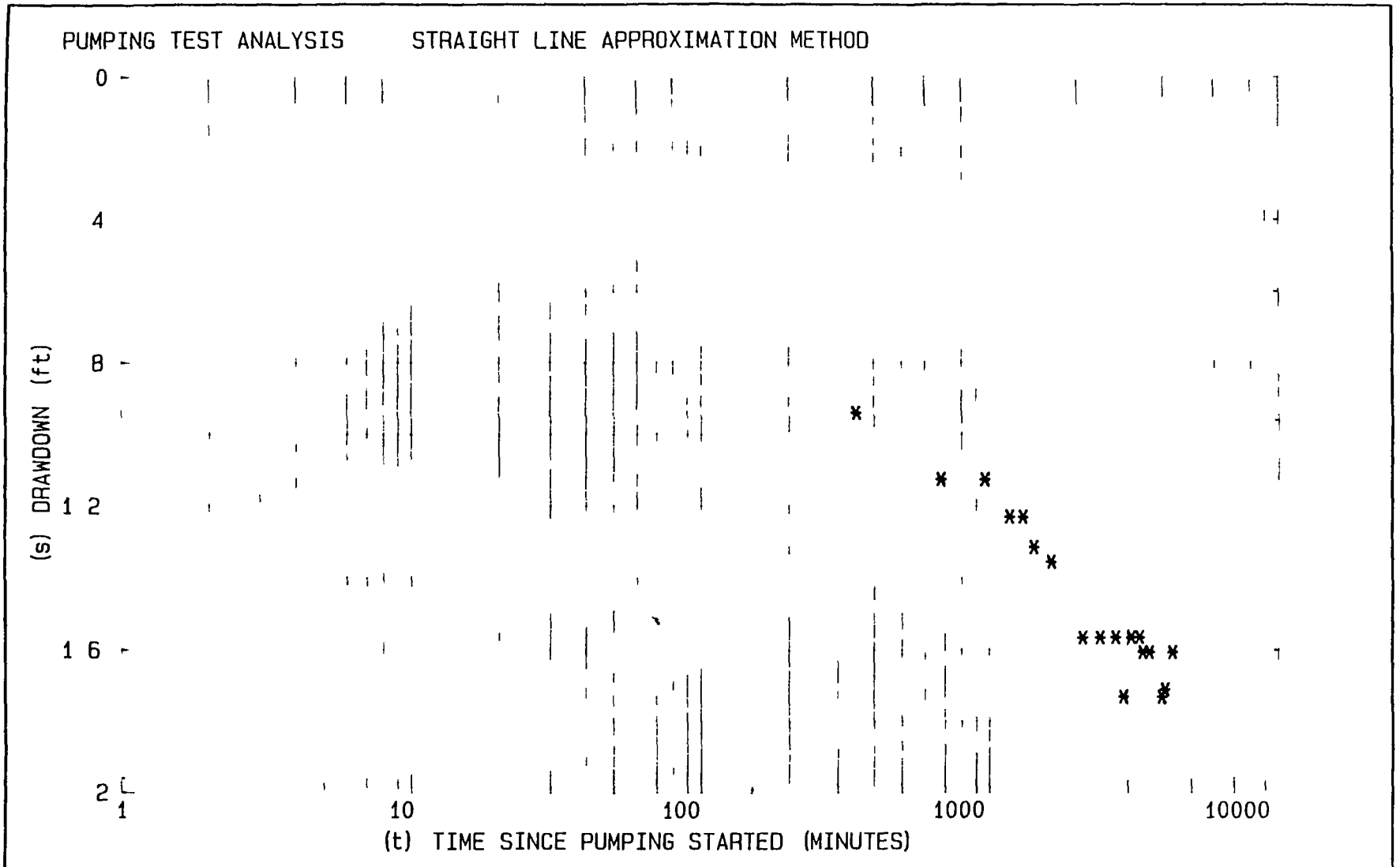


| | | | | | |
|---|---|---|---|---|---|
| PROJECT | LINDSAY | WELL NO | P-9 | △S= | |
| FILE | 85/2949 | Q= | 500 USGPM | T= | |
| LOCATION | LINDSAY NE | S W L = | 21 6 | S= | |

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FIGURE 3H

# APPENDIX IX

## GROUND-WATER MODEL

# APPENDIX IX

A Description of Model

## APPENDIX IX - A

Description of Model

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# A SAND AND GRAVEL AQUIFER NUMERICAL MODEL

## 1 INTRODUCTION

The background information for the sand and gravel aquifer model can be found in sections 3 and 4 of the main report The purpose of the model was to study mechanisms that affect transport of an acidic leachate in the vicinity of the site The computer code used to simulate ground-water flow and mass transport was TARGET2DH a two dimensional horizontal ground-water flow and mass-transport numerical model (Dames and Moore 1985)

## 2 CONCEPTUAL MODEL

For the purposes of ground-water flow and mass transport numerical modeling the ground-water flow system was modeled as a homogeneous confined aquifer bounded below by an impermeable layer and above by a small-permeability confining layer from which ground-water recharge occurs (Figure IX-1) This recharge is derived from the overlying water-table the ultimate source for this water is from infiltration of precipitation Ground water is considered to flow from north-northwest to south-southeast under steady state conditions Ground-water inflow occurs from the north and ground-water outflow occurs to the south-southeast (Figure IX-2)

For transient flow conditions irrigation-well discharge discharge to Shell Creek and leakage from the overlying water-table to the confined aquifer via wells 82-1M 82-3M and 82-4M are incorporated into the model For the remediation case interceptor-well discharge and leakage are also included in the model During times when the original interceptor well was not pumping it is assumed that a significant amount of ground water was moving down the annulus of this well from the water table to the confined aquifer

Sources of ground-water contamination include the 82-series monitoring wells (82-1M 82-3M and 82-4M) For this case the Original Interceptor Well is also incorporated into the model as a source of design drainage of contaminants when pumpage is small and leakage down the annulus could occur Potential contaminant sinks include artificial and natural ground-water discharge points such as interceptor wells high capacity irrigation wells Shell Creek or model boundaries at which ground-water outflow occurs

Adsorption and desorption are not incorporated into the model on the basis that (1) The pH of the contaminants is low (2 to 3) conditions under which little or no heavy-metal adsorption will occur and (2) The confined aquifer material is typically low in clay content thus providing little adsorptive material

**Table IX-1**

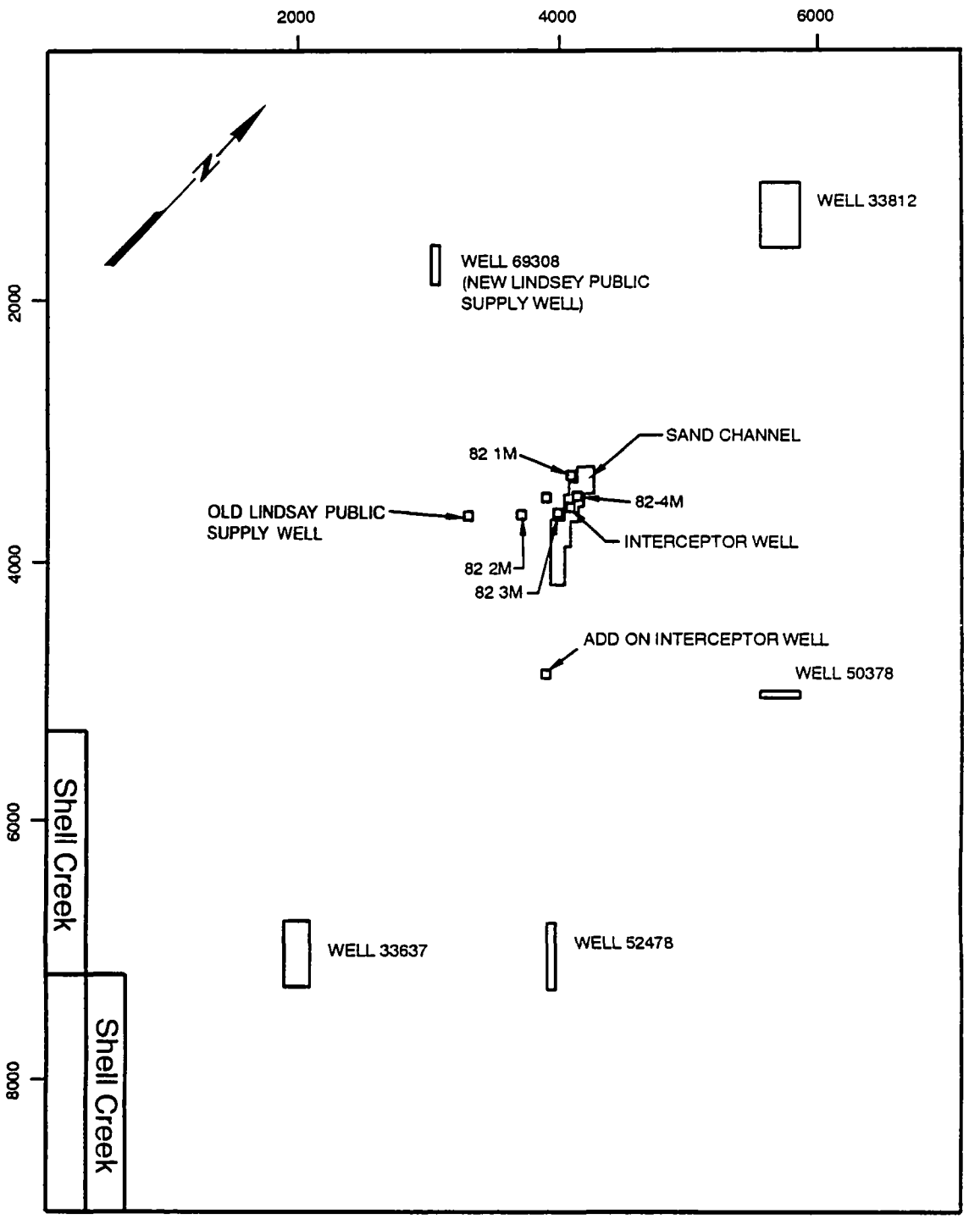
Material properties used in the numerical model of the sand and gravel aquifer

| Property | Value |
|---|---|
| Hydraulic Conductivity | 335 ft/day |
| Storage Coefficient | 0 0002 |
| Effective Porosity | 0 2 |
| Coefficient of Diffusion | 0 0006 $ft^2$/day |
| Longitudinal Dispersivity | 50 ft |
| Transverse Dispersivity | 0 1 ft |

## Table IX-2

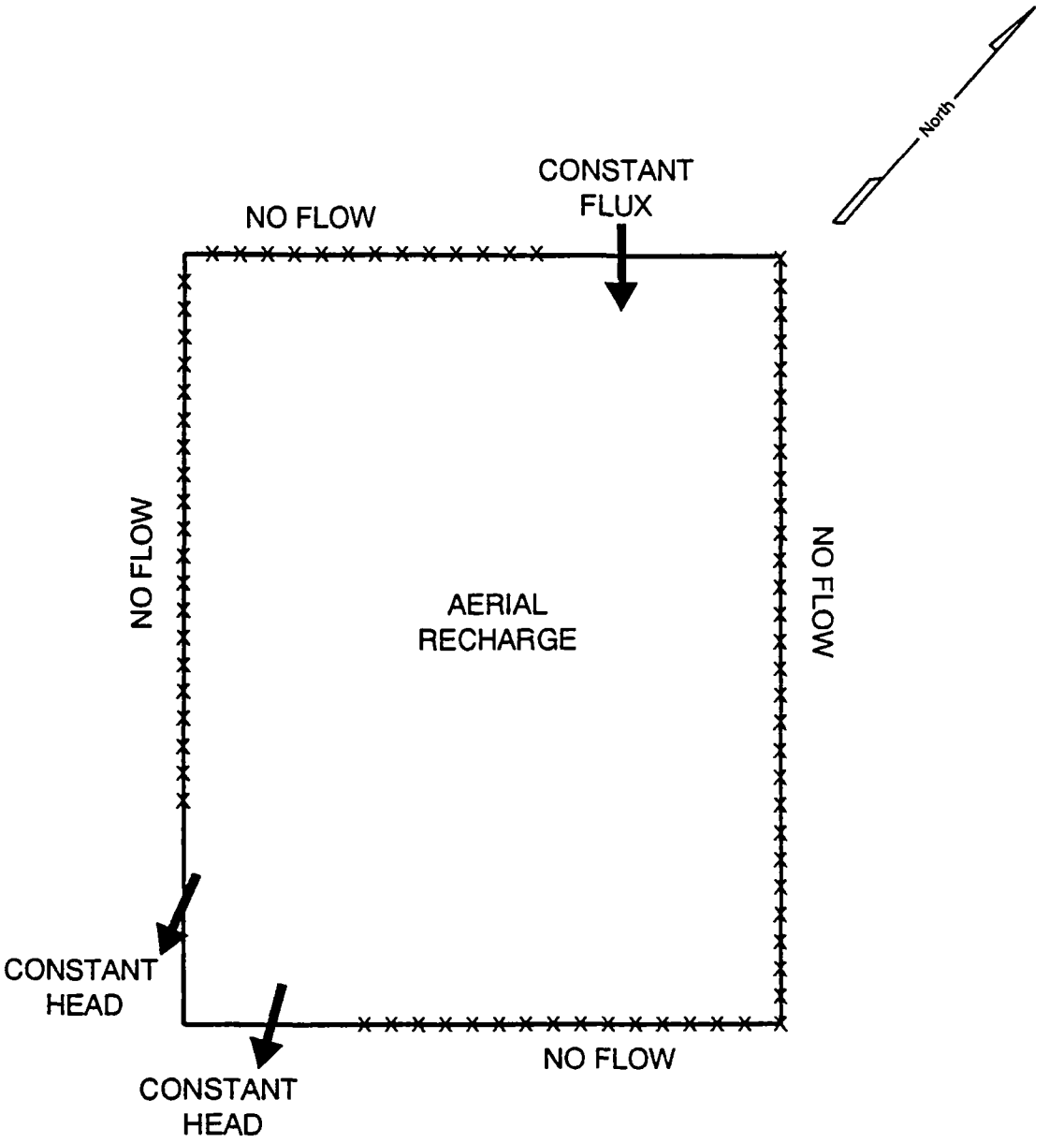
Material properties used in the cross-sectional model

| Property | clay | sand | aquifer _channel | conduit | plug |
|---|---|---|---|---|---|
| Hydraulic Conductivity (ft/day) | 0 002 | 1 5 | 335 0 | 1000 0 | 3 0 |
| Storage Coefficient | 0 0002 | 0 0002 | 0 0002 | 0 0002 | 0 0002 |
| Effective Porosity | 0 3 | 0 1 | 0 2 | 0 2 | 0 1 |
| Bulk Density Ratio | 1 64 | 1 9 | 2 0 | 2 0 | 1 64 |
| Adsorption Distribution Coefficient (ft3/lb) | 0 016 | 0 0 | 0 0 | 0 0 | 0 0 |
| Coefficient of Diffusion (ft2/day) | 0 0001 | 0 0001 | 0 0001 | 0 0001 | 0 0001 |
| Longitudinal Dispersivity (ft) | 1 0 | 10 0 | 50 0 | 100 0 | 50 0 |
| Transverse Dispersivity (ft) | 0 001 | 0 1 | 0 1 | 100 0 | 0 1 |



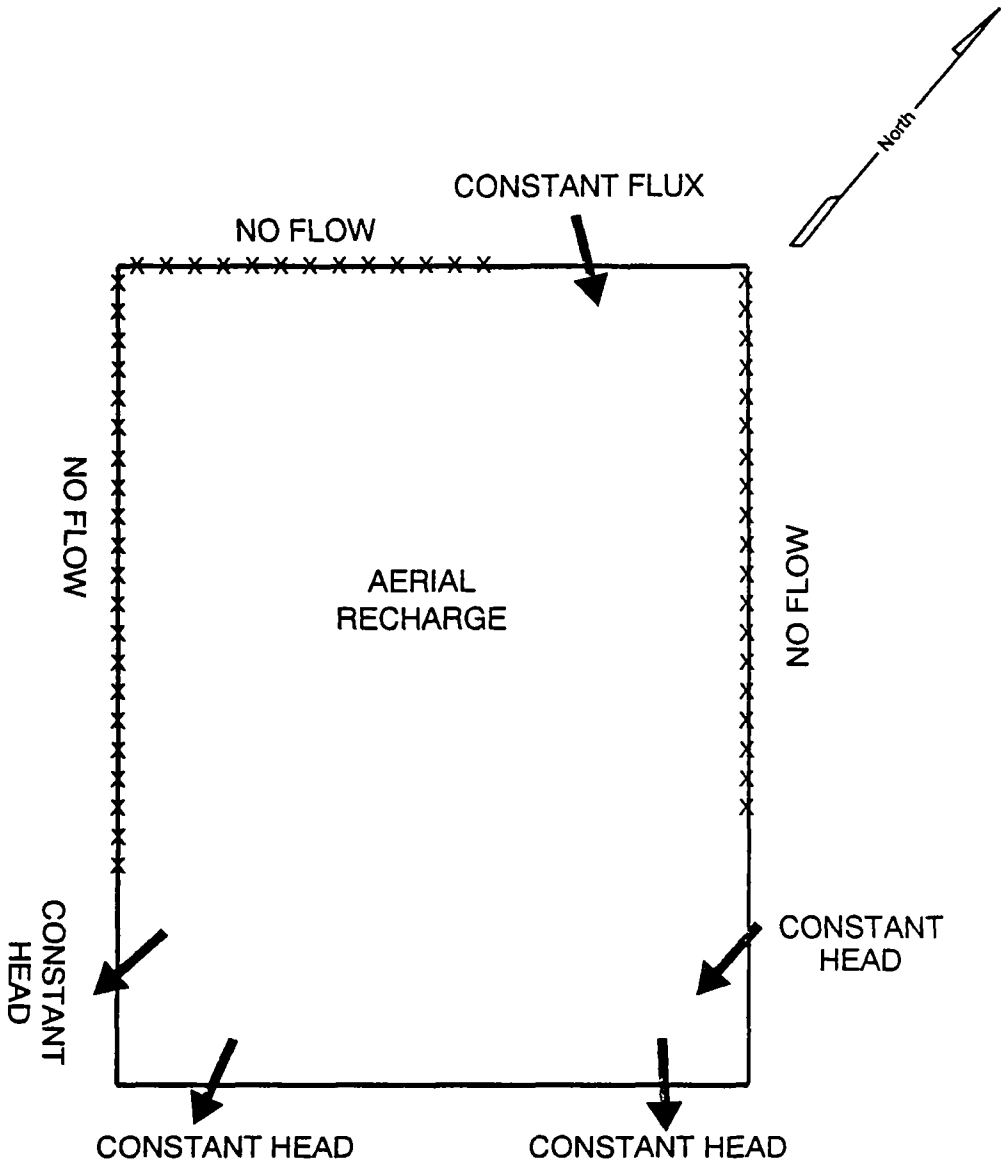

**Location of Wells and the Sand Channel in the Model**

FIGURE IX-3B



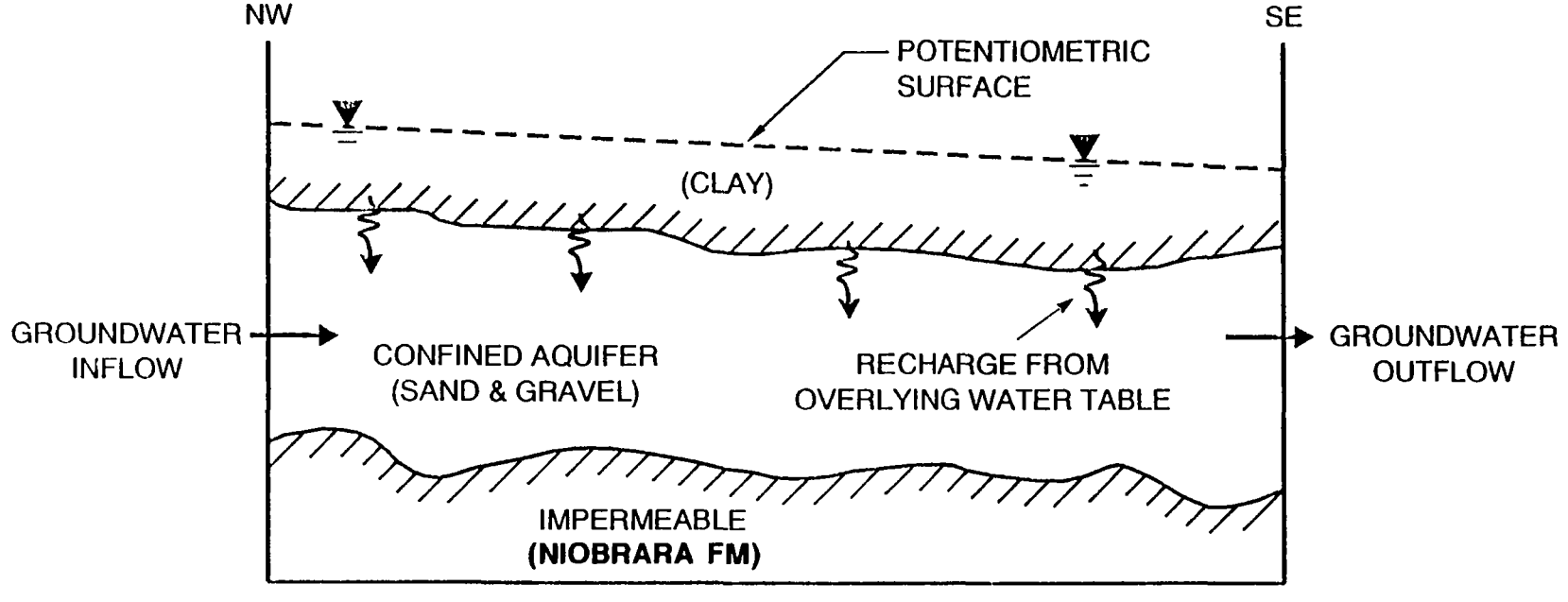

**Transient Boundary Conditions for the Sand and Gravel Aquifer**

FIGURE IX 3A




**Steady-state Boundary Conditions for the Sand and Gravel Aquifer**

FIGURE IX-2




Sand and Gravel Aquifer Conceptual Model

FIGURE IX 1

**Diagram Showing the Conceptual Model for Steady-State Conditions for the Sand and Gravel Aquifer**

# APPENDIX IX

## B—2-Dimensional Aquifer Model Figures

3 A precipitation-induced low-permeability plug in the sand and gravel aquifer beneath the sand channel may have been important in controlling the distribution of contaminants in the aquifer particularly just after the sand channel was punctured by the 82-series monitoring wells

4 The effects of density coupled flow may have been small to negligible just after the sand channel was punctured

This model was not intended to simulate the effects of leakage from several punctures in the sand channel where three such wells (82M-series) were installed Multiple punctures are addressed in the two-dimensional horizontal model (part A of this appendix)

## 4 ASSUMPTIONS

Assumptions for the cross-sectional model are the same as those for the two-dimensional horizontal model (Part A of this appendix) except that density effects are incorporated into the model and that the clay material is allowed to adsorb contaminants An additional assumption is

1 Ground-water flow occurs directly along the line of the cross section This assumption is based on the condition that a radial flow field exists between monitoring well 82-1M and the Old Lindsay Public Supply Well This type of flow pattern is typical in the vicinity of large pumping wells such as the old Lindsay public supply well

## 5 RESULTS

After steady-state flow conditions were achieved in the model (including the precipitation-induced aquifer plug ) a conduit of large permeability material was incorporated into the model The purpose of this material was to simulate the effect of a conduit connecting the sand channel to the aquifer (that is to simulate the effect of the installation of monitoring well 82-1M) Results for a 20-day mass-transport simulation are shown in Figures IX-41 through IX-43 These results suggest that contaminants could have moved down the conduit to the lower regions of the sand and gravel aquifer and then migrated laterally towards the Old Well and beyond These results also indicate that contaminants could have migrated rapidly toward the Old Well probably within 20 to 60 days Another important result is that the effects of density-coupled flow (flow causing the leachate to sink to the bottom of the aquifer) may be negligible

## 6 CONCLUSIONS

Conclusions derived from this model are

1 Contaminants could have moved down a large permeability conduit to the lower regions of the sand and gravel aquifer This conduit which connected the contaminated sand channel to the sand and gravel aquifer could have been created by the design and method of installation of monitoring well 82-1M

2 Contaminants could have migrated laterally towards the Old Well and beyond reaching the Old Well within 20 days

c To simulate the effects of a small-permeability plug caused by precipitation of heavy-metal compounds due to the reaction of acidic leachate with natural ground water beneath the sand channel

d To estimate the time of travel of contaminants from 82-1M to the Old Well

The cross-sectional model was oriented through well 82-1M the Old Well and the old Lindsay public supply well (Figure IX-37) This model was designed to study transport mechanisms just after the contaminated sand channel was punctured by the installation of monitoring well 82-1M and is specifically not calibrated to observed conditions However this model does make use of calibrated results obtained from the two-dimensional model presented in part A of this appendix

## 3 FRAMEWORK AND DISCRETIZATION

The stratigraphy along the cross-section is shown in Figure IX-38 the stratigraphy is based on well lithologic logs The vertical distribution of materials and the finite difference mesh for the model are shown in Figure IX-39 Material properties are listed in Table IX-2 these values are the same as those used in the two dimensional horizontal model presented in Part A of this appendix

The plug material was used to simulate the effect of small-permeability region beneath the sand channel It is hypothesized that acidic water moving downward from the sand channel into the sand and gravel aquifer may have been neutralized by the neutral to alkaline ground water in the sand and gravel aquifer causing precipitation of heavy-metal sulfates and oxyhydroxides The precipitation of such material would slowly and effectively reduce the porosity and hydraulic conductivity of the sand and gravel aquifer beneath the sand channel

Constant-head boundaries were specified at either end of the model where the sand and gravel aquifer exists (Figure IX-40) No- flow boundaries were specified where there is clay and at the bottom of the model A constant head boundary was also specified at the location of the old Lindsay public supply well (Figure IX-40) An aerial infiltration rate of 0 9 inches/year was specified along the top of the model (at land surface Figure IX-43) A higher infiltration rate of 1 8 inches/year was specified under the area of the old acid pit These boundary conditions were used for both steady-state and transient flow simulations

For mass-transport simulations the sand channel was assumed to contain leachate from the old acid pit with an initial concentration of 20 000 mg/l (total dissolved solids)

## 9 CONCLUSIONS

Conclusions derived from the sand and gravel model are

1 The model accurately simulates site conditions

2 The interceptor wells capture water from the site and areas next to the site

3 Ground-water flow is northwest to southeast to north-northwest to south-southeast except when high capacity wells are pumping then the well influence controls ground-water flow

4 A hydraulically static zone develops for a short period during the irrigation season between the AOIW and irrigation well #54278 During this period little or no flow occurs in this zone After the irrigation season this condition is climinated by the influence of the AOIW

# B TWO-DIMENSIONAL CROSS-SECTIONAL MODEL

## 1 INTRODUCTION

The background information for the sand and gravel aquifer model can be found in sections 3 and 4 of the main report The purpose of the model was to study mechanisms that affect transport of residual leachate in the vicinity of the site just after the installation of monitoring well 82-1M The computer code used to simulate ground-water flow and mass transport was TARGET2DU a two dimensional vertical ground-water flow and mass-transport numerical model (Dames and Moore 1985)

## 2 OBJECTIVES

The two-dimensional cross-sectional model was constructed

a To simulate the transport of contaminants from the area of the sand channel to the Old Well

b To simulate the effects of density-coupled flow and

# 8 RESULTS

## 8 1 Calibration

The model was calibrated by successive refinement of selected variables including (1) irrigation-well pumping rates (2) aquifer hydraulic conductivity and (3) leakage and loading rates for the monitoring and interceptor wells Simulated hydrographs for wells at the site show a high degree of correlation with observed temporal water-level variations (Figures IX-21 IX-22 IX-23 IX-24) in general the model simulates hydraulic head distributions and temporal variations well The transport of zinc was calibrated to January 1989 conditions Figure IX-25 shows that the simulated concentrations closely match the observed zinc concentrations

## 8 2 Remediation Case

Ground-water flow patterns around selected wells during various times of the year are shown in Figures IX-26 through IX-28 (capture zones shown in shaded areas) The summer capture zone for irrigation well #54278 (Figure IX-26) without interception wells pumping includes much of the site This indicates that dispersed residuum moving from the site may move toward and be captured by this irrigation well The capture zone for the original interceptor well with all irrigation wells pumping is shown in Figure IX-27 the capture zone for this well includes most of the site This figure also shows that the capture zone for the new Lindsay public supply well does not encroach on the site The capture zone for the add-on interceptor well with all irrigation wells pumping is shown in Figure IX-28(a) the capture-zone for this well includes the site and areas adjacent to the site Note a stagnant zone develops between the add-on interception well and the pumping irrigation wells Figure IX-28(b) presents the capture zone of the add-on interceptor well during the non-irrigation season Note the stagnant zone has been overcome by the influence of the add-on interceptor well

Simulated zinc concentration (in mg/l) at various times starting in 1983 are shown in Figures IX-29 through IX-36 The area of dispersed zinc expands steadily until the original interceptor well begins to pump large amounts of ground water (1 644 days June 1987 Figure IX-33) From this time on the plume decreases in concentration especially after the add-on interceptor well begins to pump (2 371 days March 1989 Figure IX-36) At later times the simulation suggests that the residuum is temporarily isolated between the capture zones of the add-on interceptor well and irrigation well #54278 during the summer irrigation season (Figure IX-28(a)) This condition is reversed after the irrigation wells are shut down (Figure IX-28(b)) The simulation results also suggest that no residual leachate will migrate beyond the capture zone of the add-on interceptor well and the irrigation well #54278

## 6 INITIAL CONDITIONS

Steady-state flow conditions were used (no pumping) as the initial conditions for the transient flow simulations (Figure IX-7) The pre-contamination concentration of zinc was assumed to be zero a very conservative assumption since zinc does occur naturally at concentrations of 0 1 mg/l

## 7 ASSUMPTIONS

Assumptions for the model include

1 Aquifer material properties are homogeneous and isotropic This assumption is based on the observation that the aquifer material is relatively uniform and that measured hydraulic properties such as hydraulic conductivity vary over a small range of values (see section 3 6 in main report)

2 There is no adsorption or desorption of contaminants This assumption is based on the fact that the aquifer is relatively free of clay material and that the contaminant plume is acidic

3 There are no co-contaminant interactions precipitation dissolution or pH/Eh dependant reactions This assumption infers that contaminant migration is affected only by the processes of advection dispersion and adsorption In an aquifer in which the ground water is flowing rapidly such as this one advection is the primary process by which contaminants migrate Geochemical reactions while important contribute only a minor component to mass transport

4 Density effects are negligible Density effects become important at a density difference of 1% the plume s density difference ranges up to 2% however this density difference is only local (directly beneath the sand channel) As the contamination moves away from the source the plume is diluted and the density difference decreases to well below 1% thus density effects are not accounted for in the current model

Boundary conditions for the transient simulations shown schematically in Figure IX-3A included in addition to the steady-state boundary conditions aerial recharge (Figure IX-8) irrigation-well discharge (Figures IX-9 IX-10 IX-11 IX-12) interceptor-well discharge and leakage (Figure IX-13 and IX-14) monitoring-well leakage (Figures IX-15 and IX-16) public-well discharge (Figures IX-17 and IX-18) and discharge to Shell Creek (0 1 $ft^3$/day along its length within the model domain) Location of wells and the sand channel in the model are shown schematically in Figure IX-3B

Aerial recharge was estimated as a percentage of average monthly precipitation Average monthly precipitation estimates were obtained from climatic data from 1893 to 1986 for nearby climatic stations For wet years (1983 to 1987) simulated aerial recharge ranged from 121% to 154% of the steady-state value and for dry years (1988 to 1989) simulated aerial recharge ranged from 75% to 50% of the steady-state value

For the original interceptor well the well was allowed to leak during times when the pump was off or when the pumping rate was not sufficient to offset the amount of leakage For the monitoring wells (82-1M 82-3M and 82-4M) leakage was varied based on whether or not the interceptor well was pumping with greater leakage occurring during times when the interceptor well was pumping Pumping rates for the interceptor well and the add-on interceptor well were derived from records of pumping duration and total volume pumped Leakage rates were estimated from site hydraulic conditions and well-construction records (used to estimate gravel-pack permeability) and were adjusted during calibration of the model (see section 8 1 part A in this appendix)

Irrigation-well pumping rates were estimated from the pumping capacity of the well and either an 8-hour/day 12-hour/day or 16-hour/day pumping period The rates of each well were adjusted so that simulated potentiometric head closely matched observed values of potentiometric head (see section 8 1 part A in this appendix) Pumping rates were larger for drier years (1988 to 1989)

Leachate drainage sources to the aquifer include the 82-series monitoring wells and the original interceptor well (Figures IX-19 and IX-20) The magnitude of the source was varied such that initially the loading was greater and then decreased as the source was depleted Contaminant sinks include any point at which ground water is discharging (irrigation wells interceptor wells and Shell Creek) Adsorption was not incorporated into the model because the aquifer is relatively free of clay material and the acidic nature of the contaminant plume increases metal solubility

Zinc was the contaminant selected for mass transport simulations Zinc is the most conservative of the heavy metals zinc participates to a lesser degree than other trace metals in co-precipitation processes and is relatively mobile at low pH

## 3 DESCRETIZATION

The finite difference mesh for the model is oriented in the direction of dominant ground-water flow this minimizes the potential for numerical dispersion (Figure IX-4) In addition the model mesh is refined in the area of the site for the purpose of more accurately simulating hydraulic gradients and mass transport near areas of contaminant sources The peclet number is approximately equal to the ratio of the mesh spacing to the dispersivity The mesh peclet number is approximately 1 for the smallest model cells satisfying the peclet-number criteria

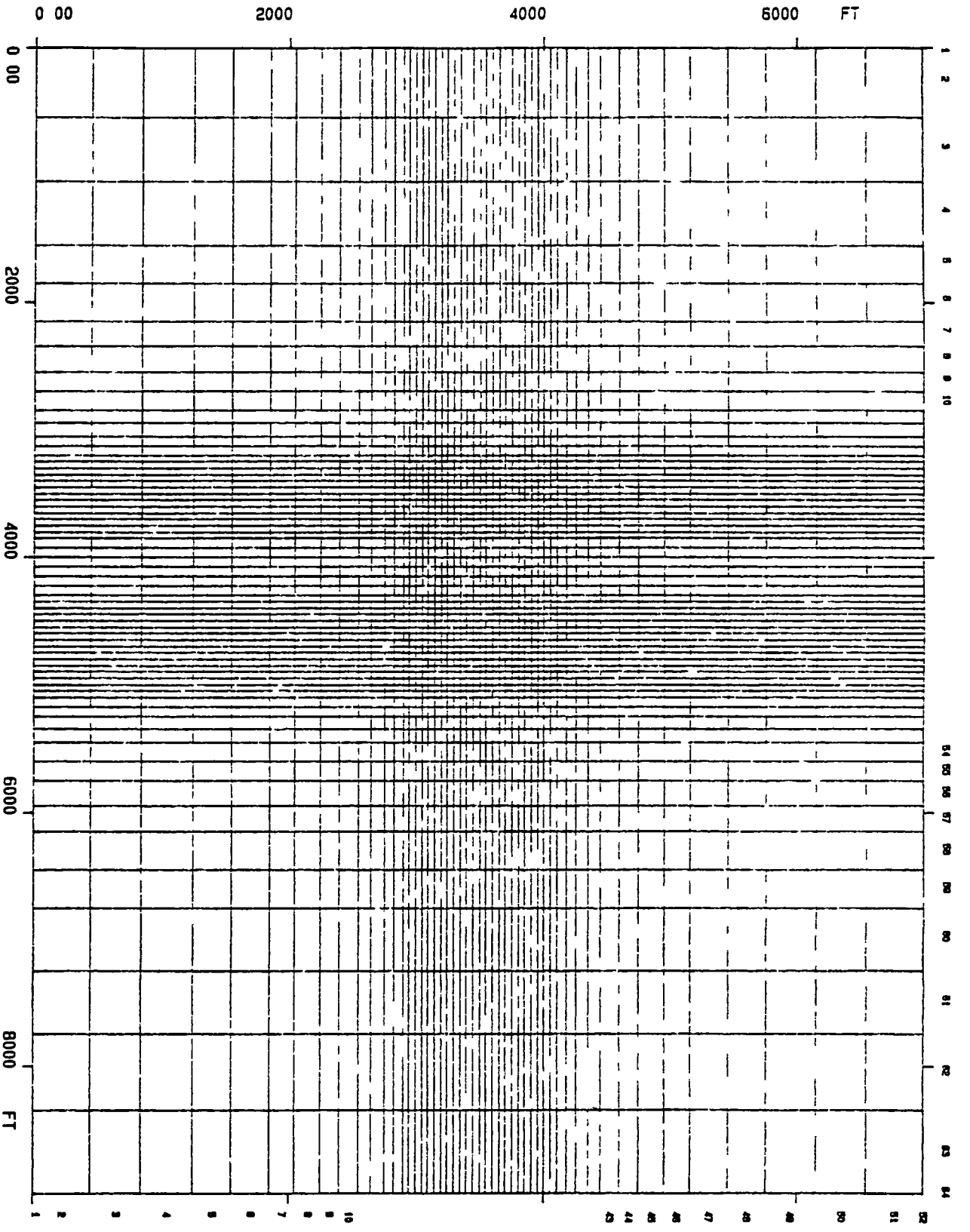
The theoretical maximum time step was calculated based on courant-number criteria to be 7 to 10 days The courant number is approximately equal to the ratio of the distance traveled by a particle in the same time interval to the mesh spacing In practice the maximum time step can be slightly larger than that specified by the courant number The maximum time step used in the model was 20 days

## 4 FRAMEWORK

The confined aquifer was considered homogeneous on the basis that measured hydraulic properties vary only a small amount throughout the model domain (see section 3 6 in main report) Table IX-1 indicates the values of material properties used in the numerical model The distribution of saturated-thickness was derived from isopac maps of the aquifer (Figure IX-5) Similarly the bedrock surface below the confined aquifer was derived from observed aquifer-bottom elevations (Figure IX-6)

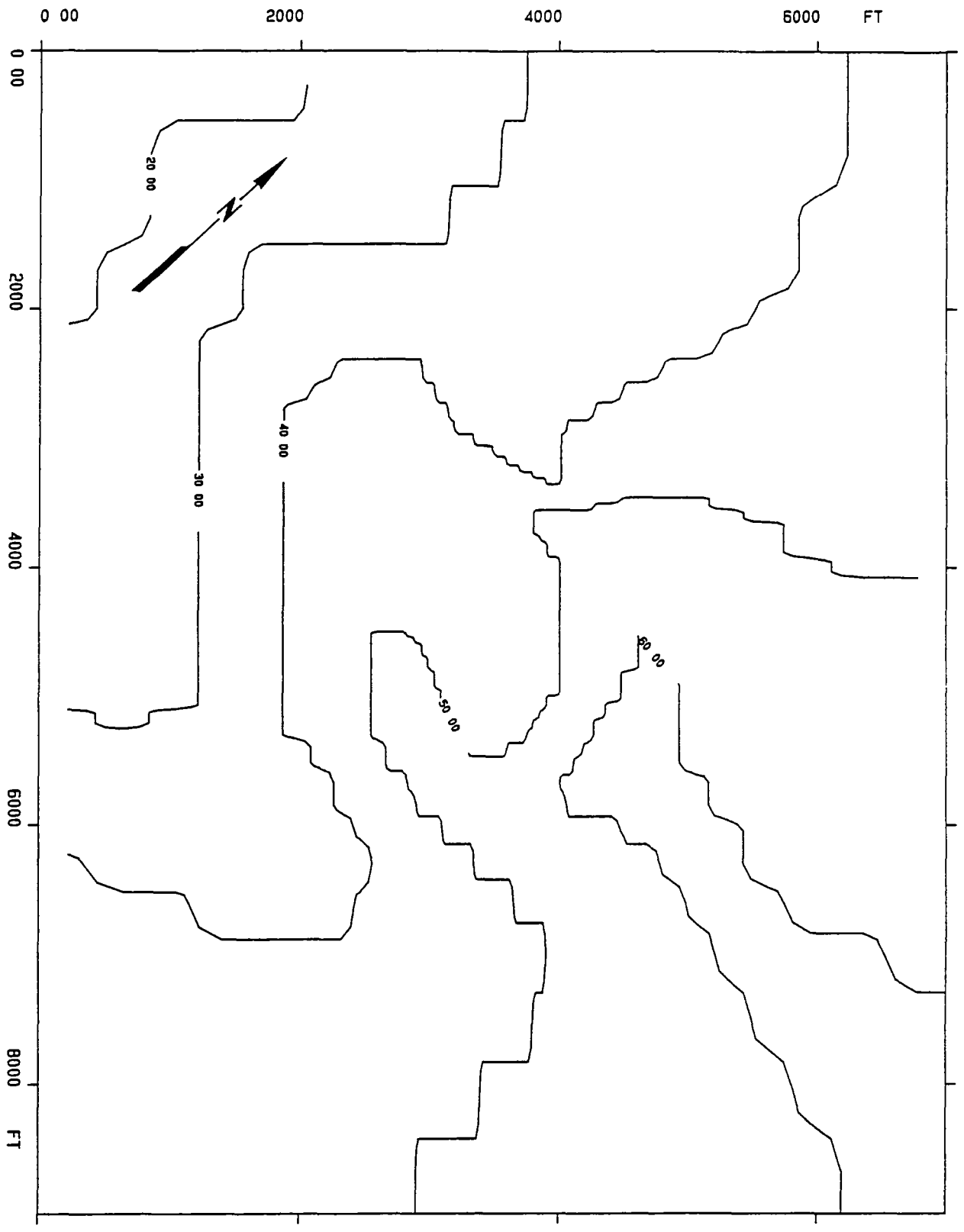
## 5 BOUNDARY CONDITIONS

Boundary conditions for steady state flow (shown schematically in Figure IX-2) included constant-head no-flow and constant-flux boundaries and aerial recharge (2 2 inches/year) the northern-boundary constant flux was 970 900 $ft^3$/day Ground-water discharge occurred as ground-water outflow to the south Steady-state flow conditions were used as initial conditions for transient-flow simulations (see Initial Conditions section) No-flow boundaries were chosen based on the proximity of nearby irrigation wells (the no-flow boundaries correspond approximately to the location of the ground-water divide that exists between neighboring irrigation wells)



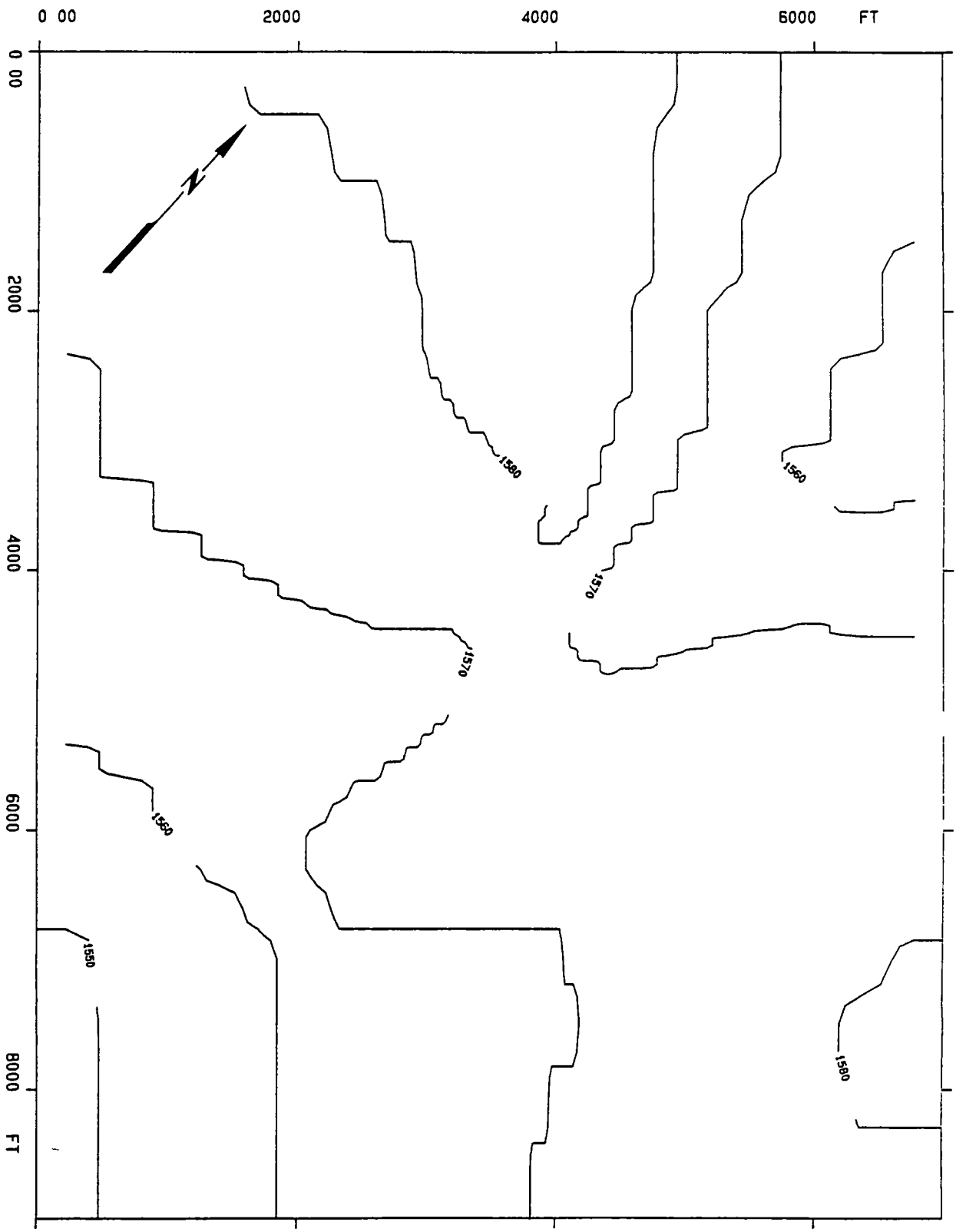

| | |
|---|---|
| LINDSAY MFG '6675-002-005 | |
| | |
| MESH PLOT | 05-Jan-90 '7 48 09 469 |

FIGURE IX-4



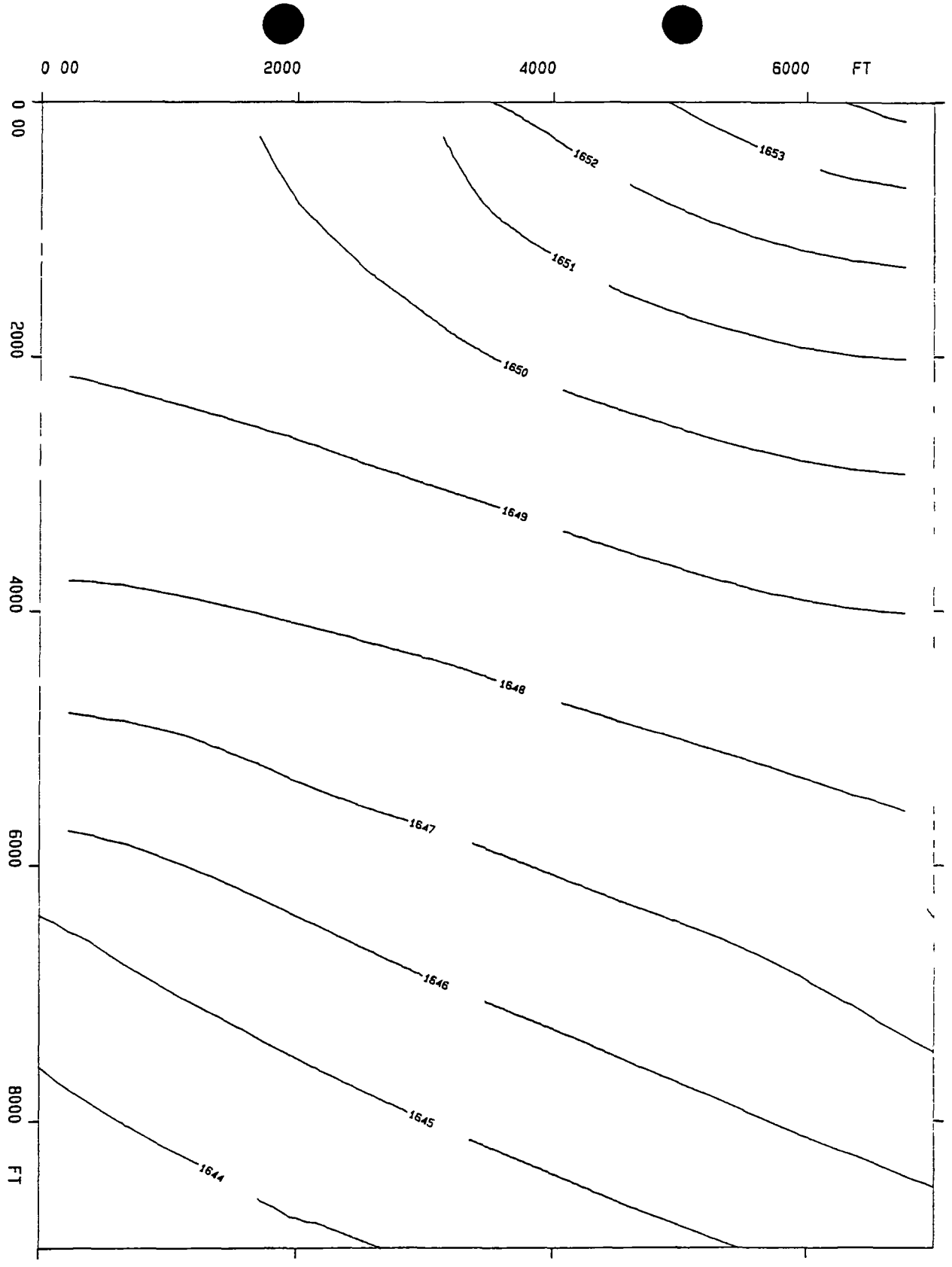

| LINDSAY MFG 16657-002-005 | |
|---|---|
| AQUIFER THICKNESS | |
| CONTOUR INTERVAL = 10 0 FT | 15-Dec-89 11 44 52 171 |

FIGURE IX-5




| LINDSAY MFG 16657-002-005 | |
|---|---|
| AQUIFER-BOTTOM ELEVATION | |
| CONTOUR INTERVAL = 10 0 FT | 15-Dec-89 11 44 52 171 |

FIGURE IX-6




| LINDSAY MFG 16657-002-005 | |
|---|---|
| CONTOURS OF HYDRAULIC HEAD | |
| CONTOUR INTERVAL = 1 00 FT | 15-Dec-89 11 44 52 171 |

FIGURE IX-7

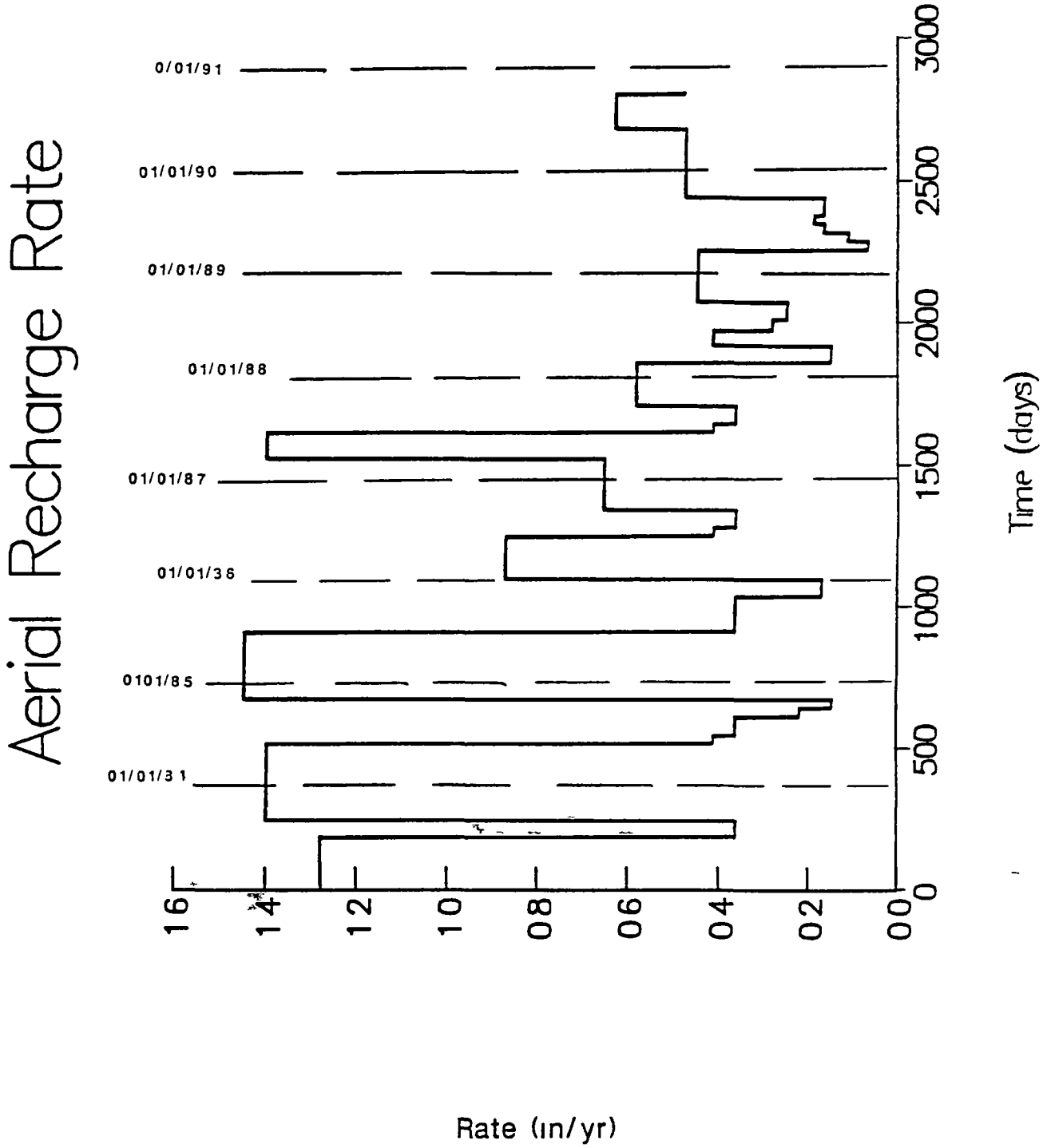

Aerial Recharge Rate
0/01/91
01/01/90
01/01/89
01/01/88
01/01/87
01/01/36
0101/85
01/01/31
16
14
12
10
08
06
04
02
00
0
500
1000
1500
2000
2500
3000
Time (days)
Rate (in/yr)

FIGURE IX-8

# IRRIGATION WELL DISCHARGE
# IRRIGATION WELL 50378

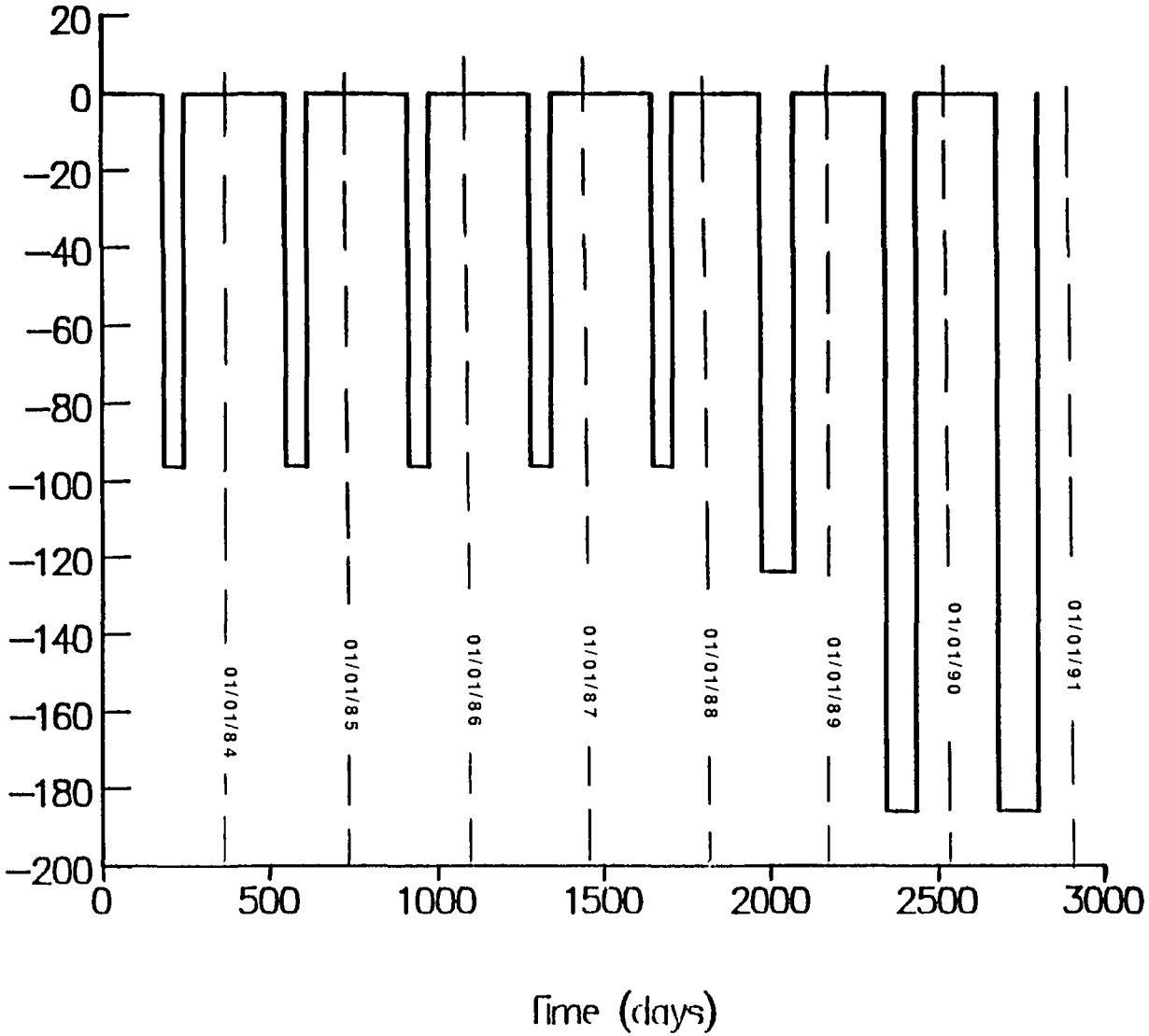



FIGURE IX-9

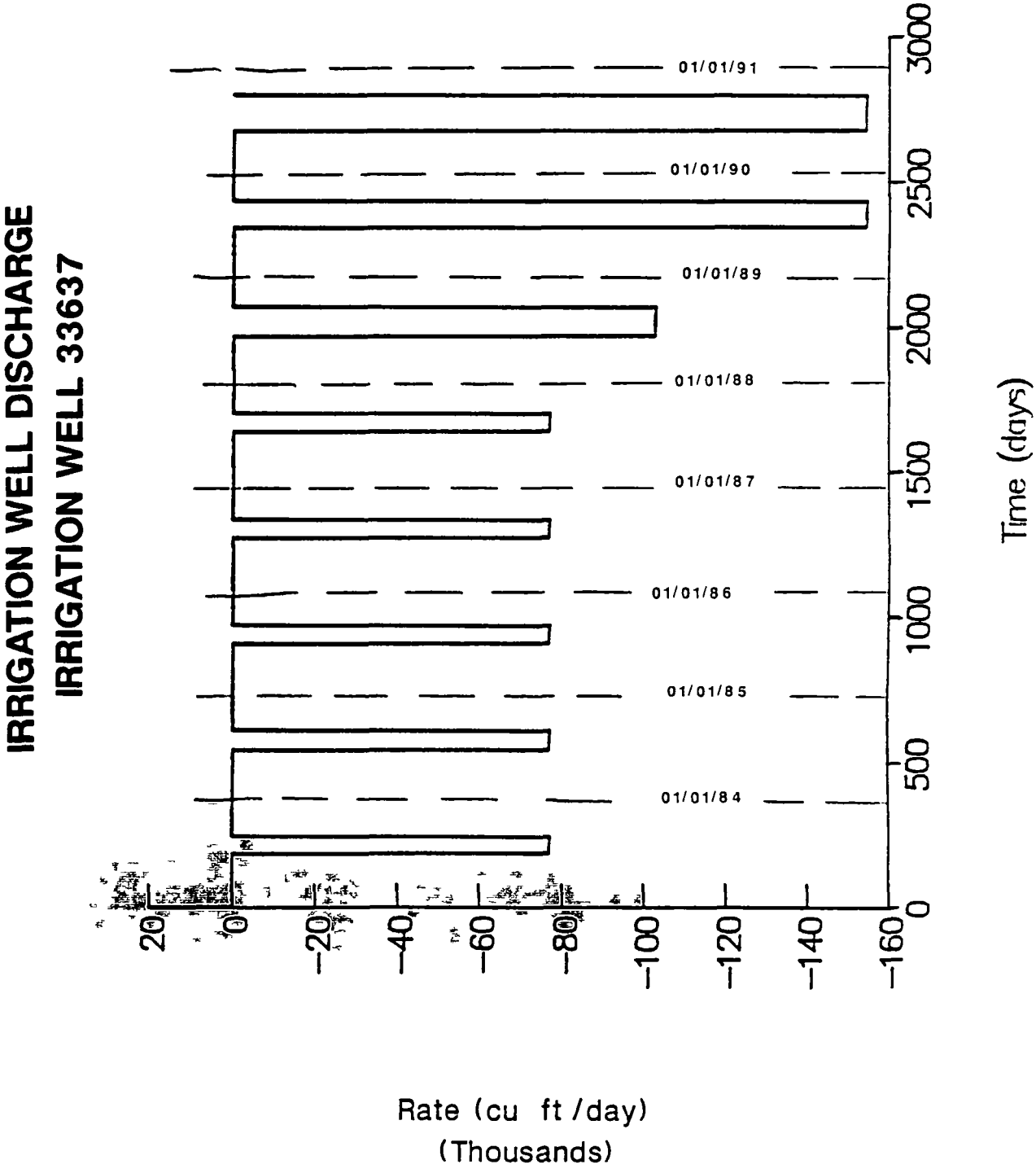

IRRIGATION WELL DISCHARGE
IRRIGATION WELL 33637
01/01/91
01/01/90
01/01/89
01/01/88
01/01/87
01/01/86
01/01/85
01/01/84
3000
2500
2000
1500
1000
500
0
Time (days)
20
0
-20
-40
-60
-80
-100
-120
-140
-160
Rate (cu ft /day)
(Thousands)

FIGURE IX-10

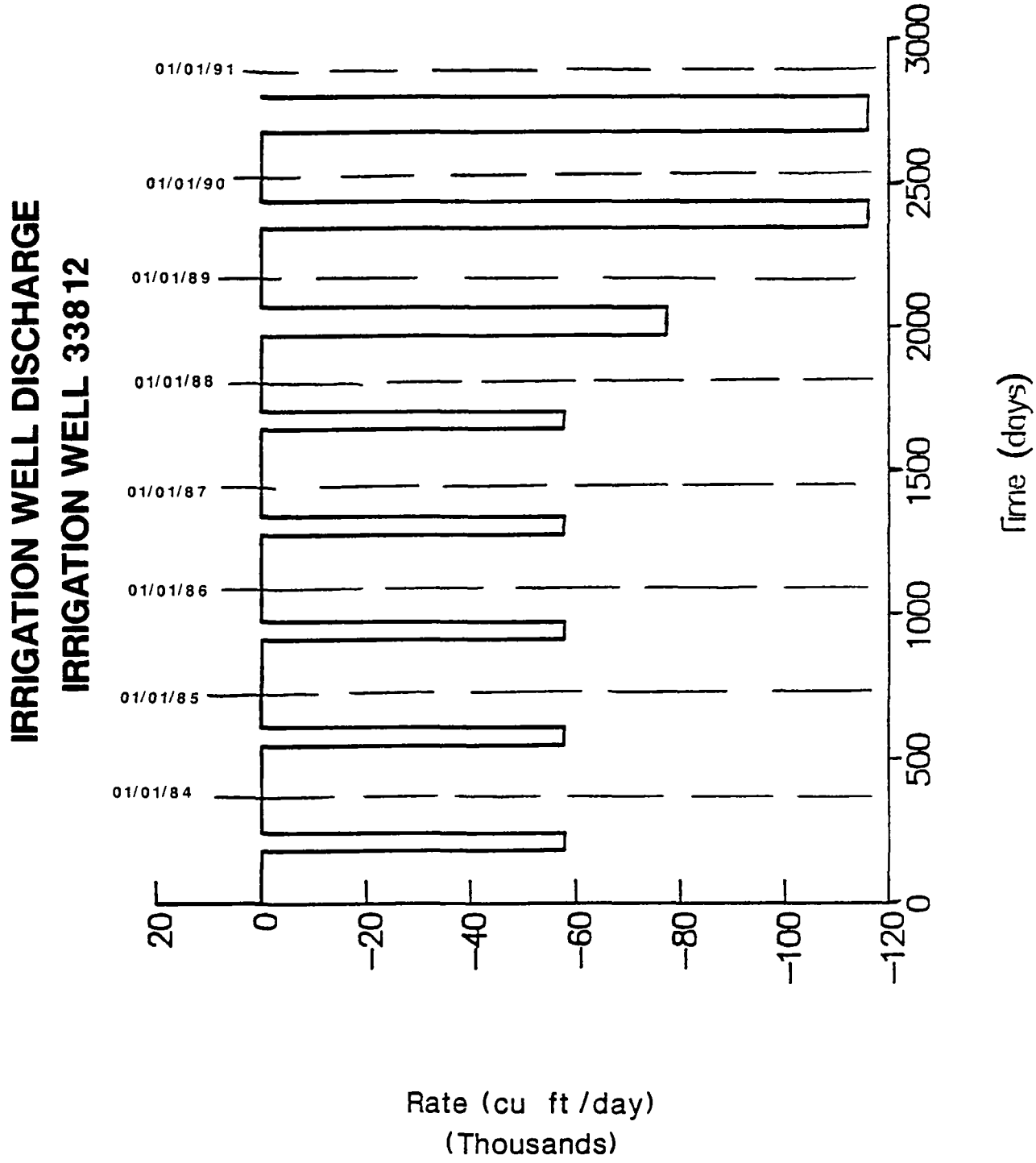

IRRIGATION WELL DISCHARGE
IRRIGATION WELL 33812
01/01/91
01/01/90
01/01/89
01/01/88
01/01/87
01/01/86
01/01/85
01/01/84
20
0
-20
-40
-60
-80
-100
-120
0
500
1000
1500
2000
2500
3000
Time (days)
Rate (cu ft /day)
(Thousands)

FIGURE IX-11

# IRRIGATION WELL DISCHARGE
# IRRIGATION WELL 54278

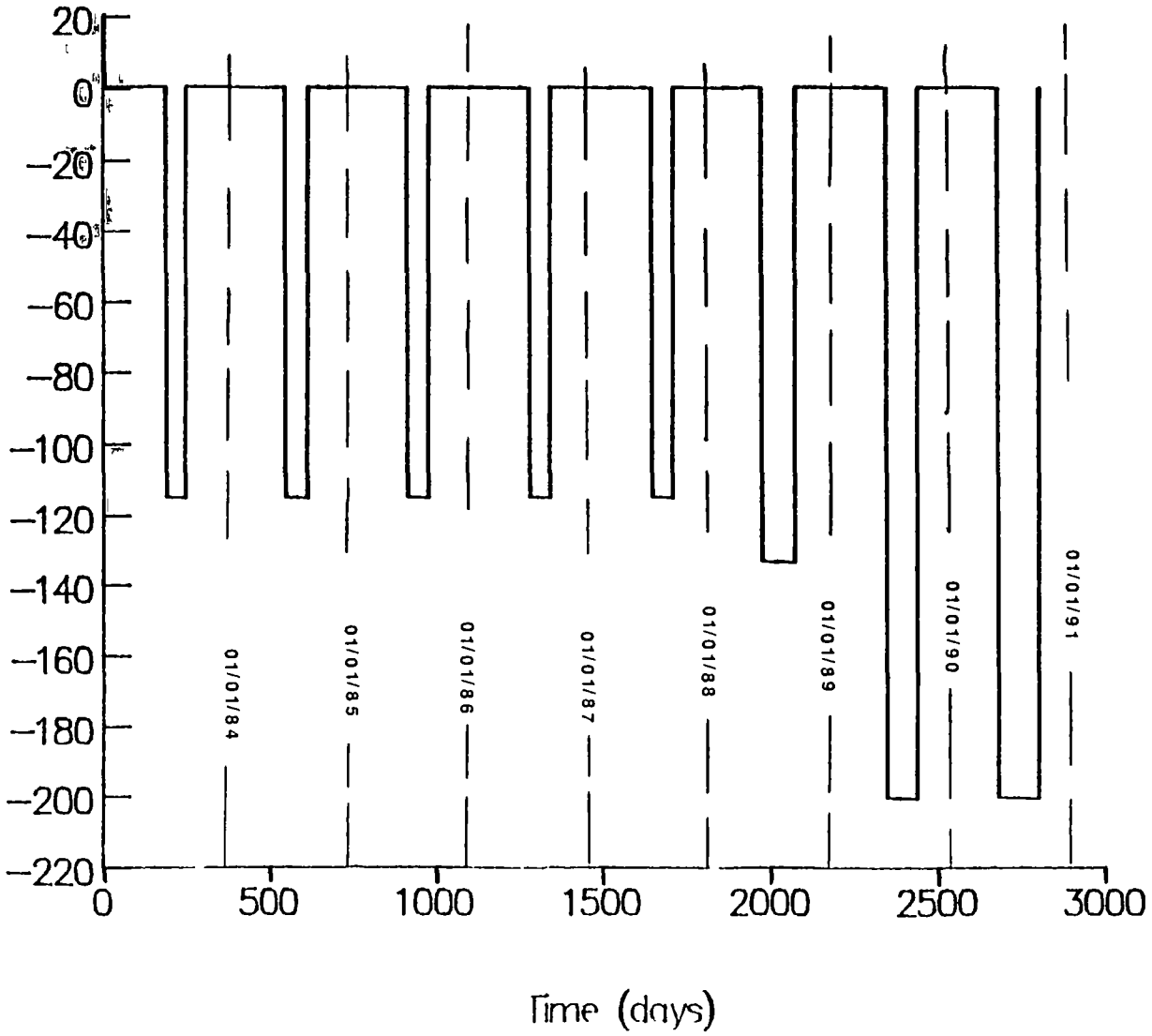



FIGURE IX-12

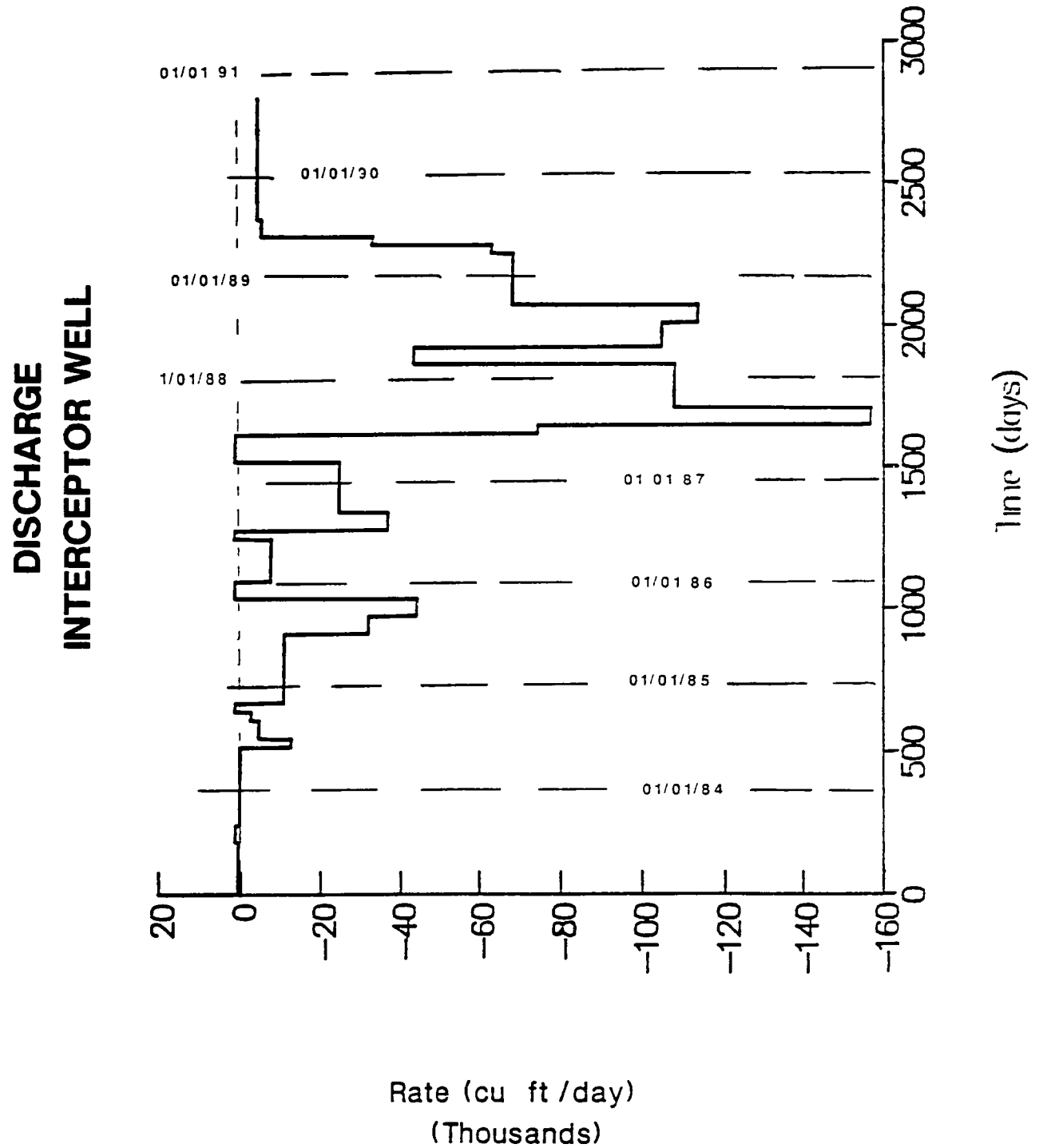

DISCHARGE
INTERCEPTOR WELL
01/01 91
01/01/90
01/01/89
1/01/88
01 01 87
01/01 86
01/01/85
01/01/84
3000
2500
2000
1500
1000
500
0
Time (days)
20
0
-20
-40
-60
-80
-100
-120
-140
-160
Rate (cu ft /day)
(Thousands)

FIGURE IX-13

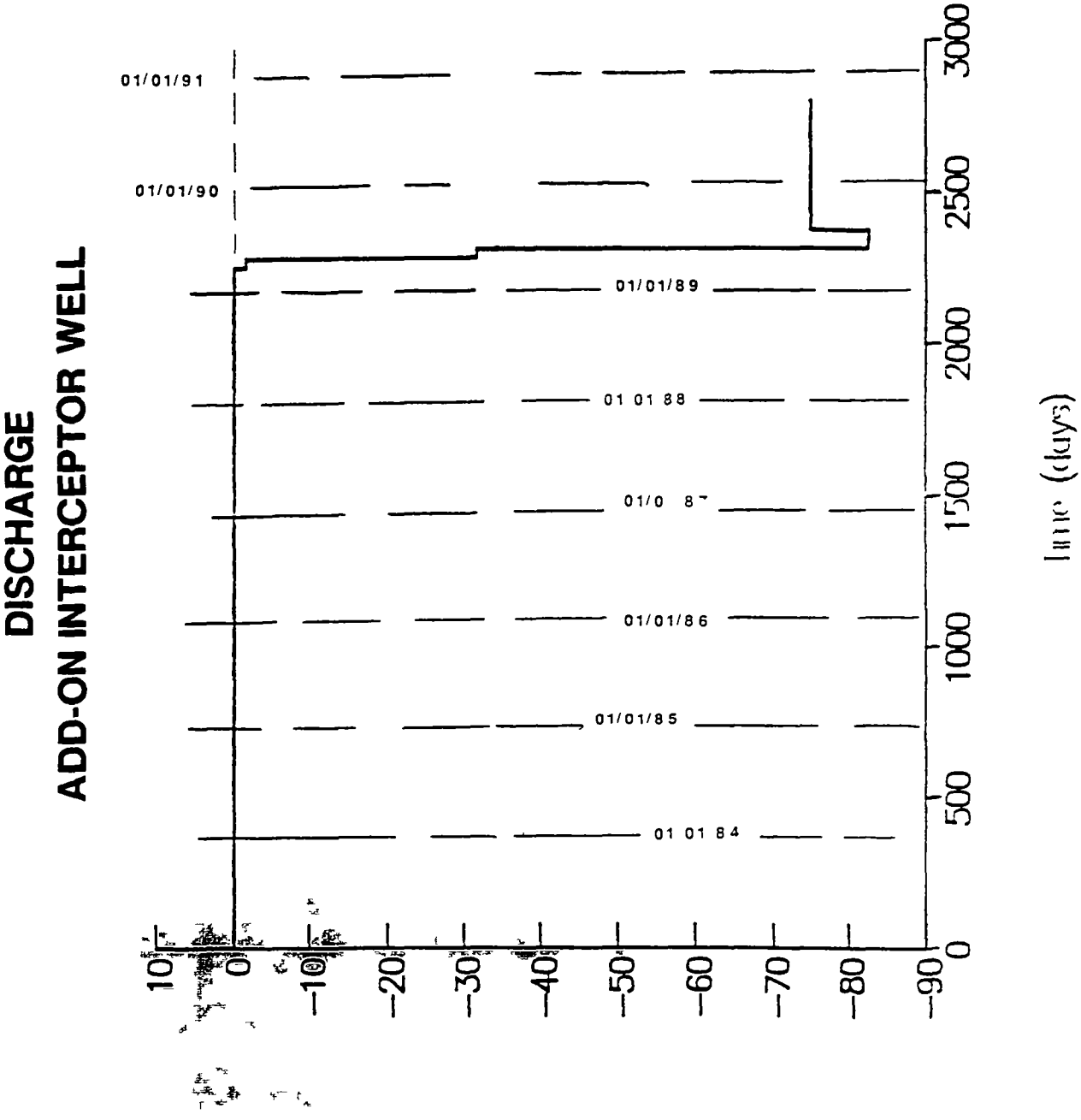

DISCHARGE
ADD-ON INTERCEPTOR WELL
01/01/91
01/01/90
01/01/89
01 01 88
01/0 8
01/01/86
01/01/85
01 01 84
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
0
500
1000
1500
2000
2500
3000
Time (days)
Rate (cu ft /day)
(Thousands)

FIGURE IX - 14

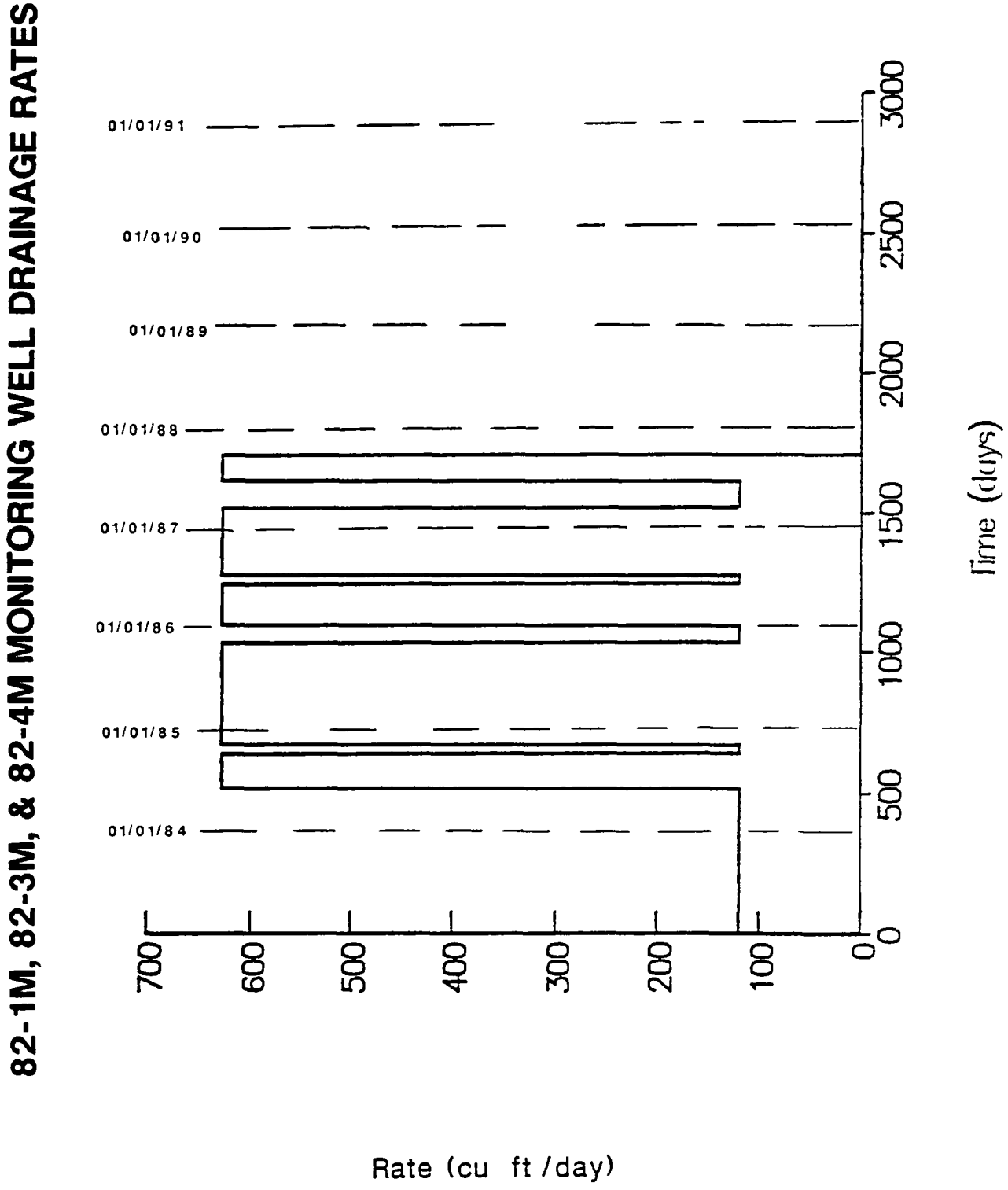

82-1M, 82-3M, & 82-4M MONITORING WELL DRAINAGE RATES
01/01/91
01/01/90
01/01/89
01/01/88
01/01/87
01/01/86
01/01/85
01/01/84
700
600
500
400
300
200
100
0
3000
2500
2000
1500
1000
500
0
Time (days)
Rate (cu ft /day)

FIGURE IX-15

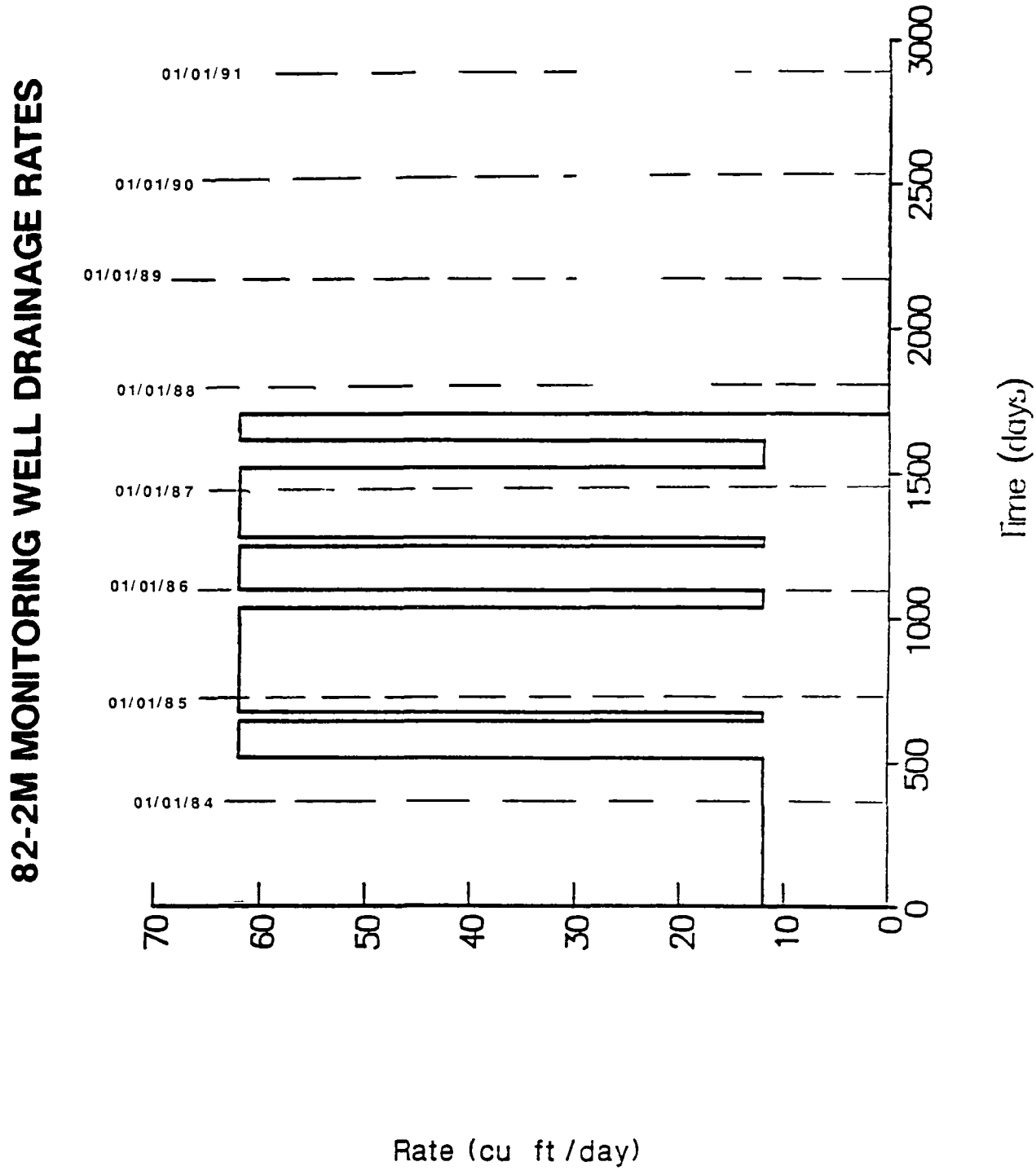

82-2M MONITORING WELL DRAINAGE RATES
01/01/91
01/01/90
01/01/89
01/01/88
01/01/87
01/01/86
01/01/85
01/01/84
70
60
50
40
30
20
10
0
0
500
1000
1500
2000
2500
3000
Time (days)
Rate (cu ft /day)

FIGURE IX-16

# DISCHARGE
# OLD LINDSAY PUBLIC SUPPLY WELL

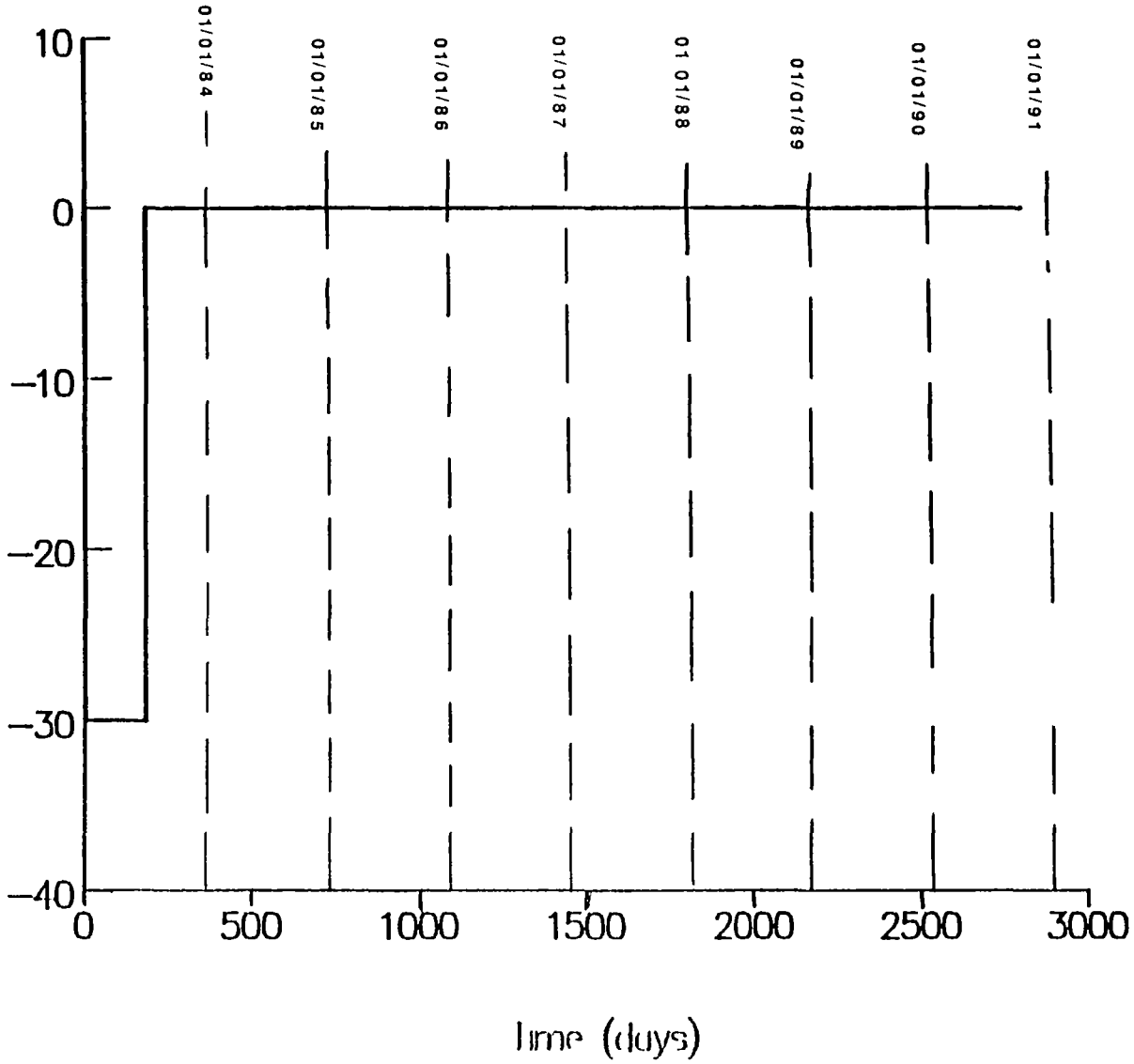



FIGURE IX-17

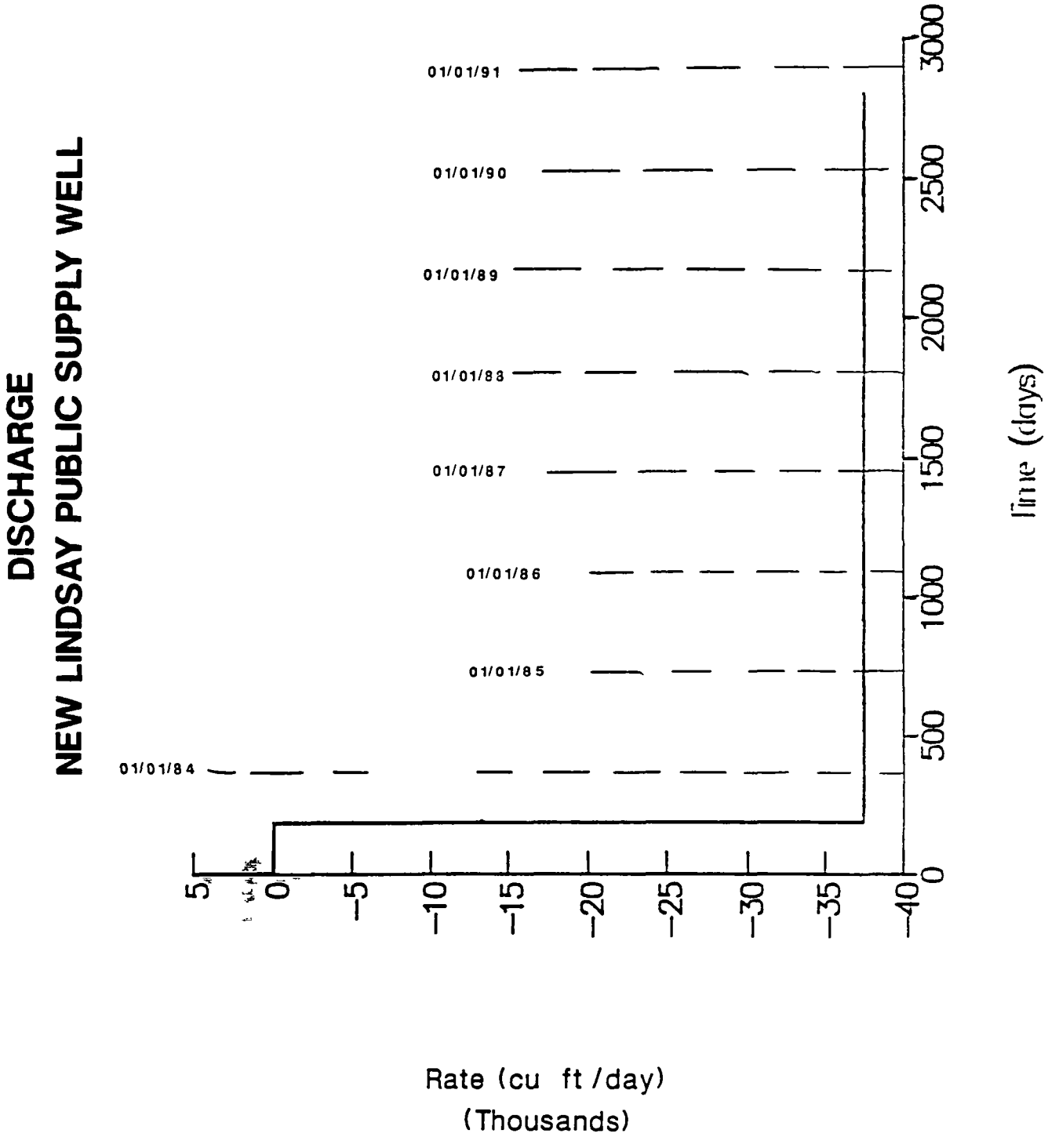

DISCHARGE
NEW LINDSAY PUBLIC SUPPLY WELL
01/01/91
01/01/90
01/01/89
01/01/88
01/01/87
01/01/86
01/01/85
01/01/84
5
0
-5
-10
-15
-20
-25
-30
-35
-40
0
500
1000
1500
2000
2500
3000
Time (days)
Rate (cu ft /day)
(Thousands)

FIGURE IX-18

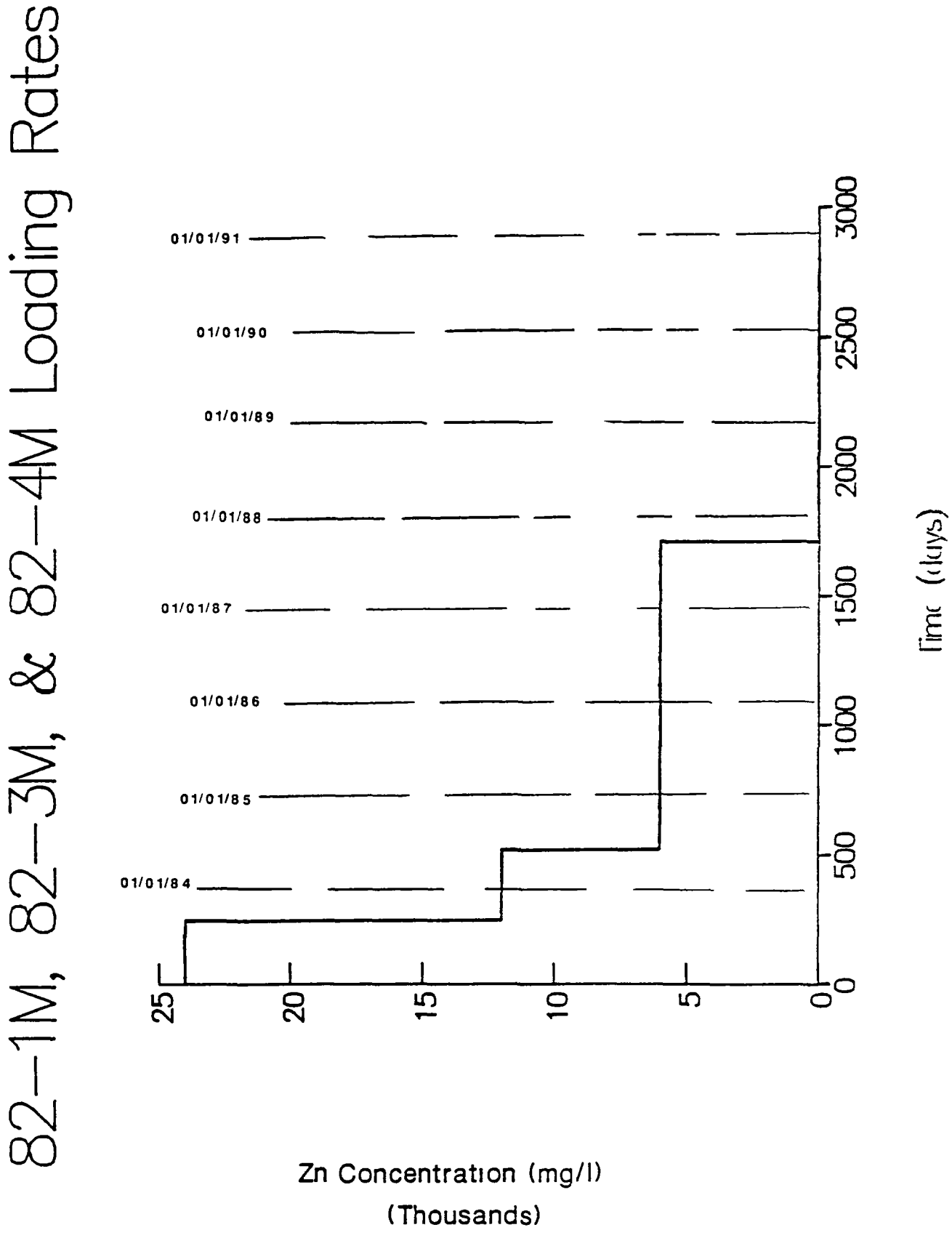

82-1M, 82-3M, & 82-4M Loading Rates
01/01/91
01/01/90
01/01/89
01/01/88
01/01/87
01/01/86
01/01/85
01/01/84
25
20
15
10
5
0
0
500
1000
1500
2000
2500
3000
Time (days)
Zn Concentration (mg/l)
(Thousands)

FIGURE IX-19

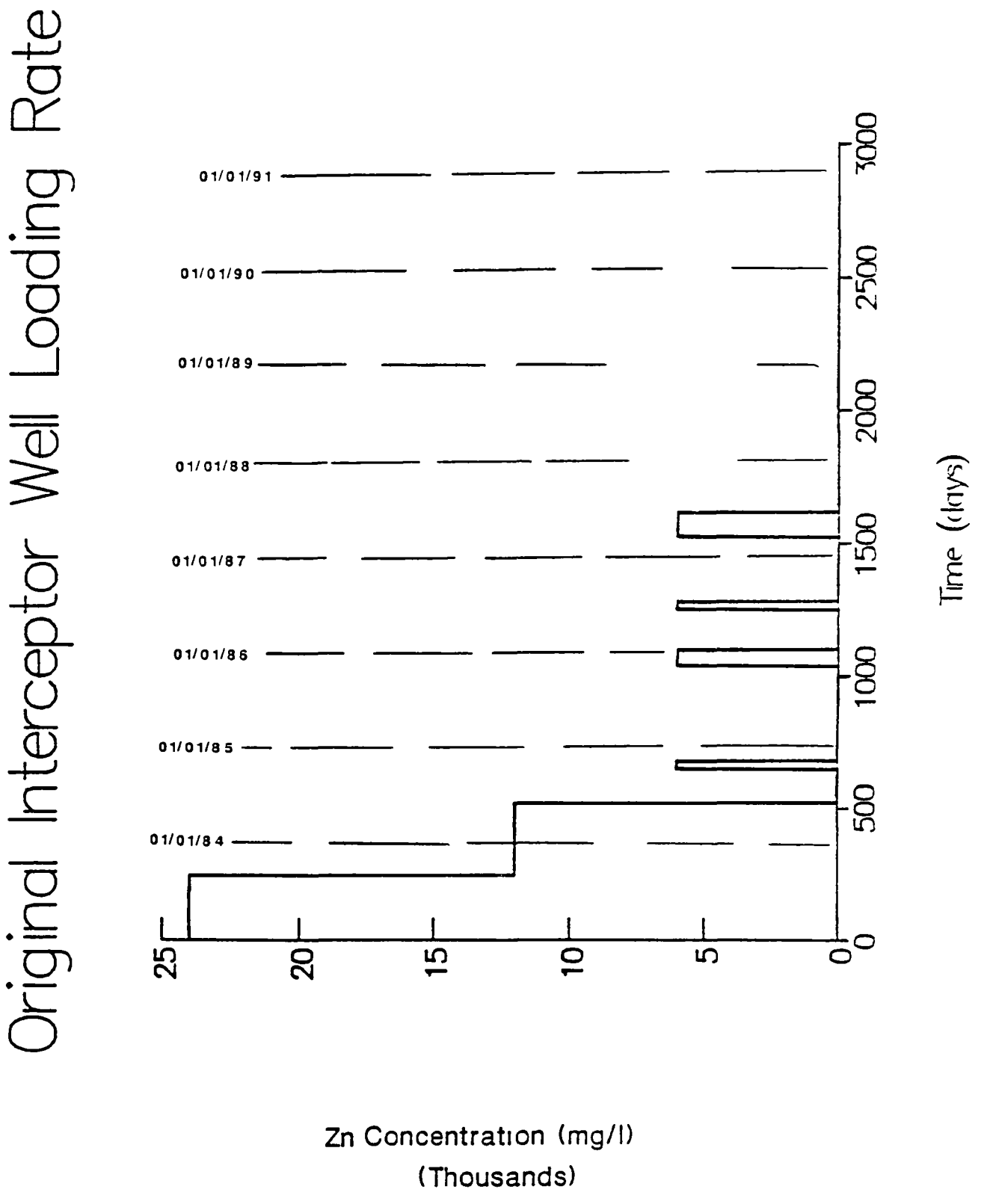

Original Interceptor Well Loading Rate
01/01/91
01/01/90
01/01/89
01/01/88
01/01/87
01/01/86
01/01/85
01/01/84
25
20
15
10
5
0
0
500
1000
1500
2000
2500
3000
Time (days)
Zn Concentration (mg/l)
(Thousands)

FIGURE IX-20

# SIMULATED VS OBSERVED WATER LEVEL VARIATION
## 87-1M

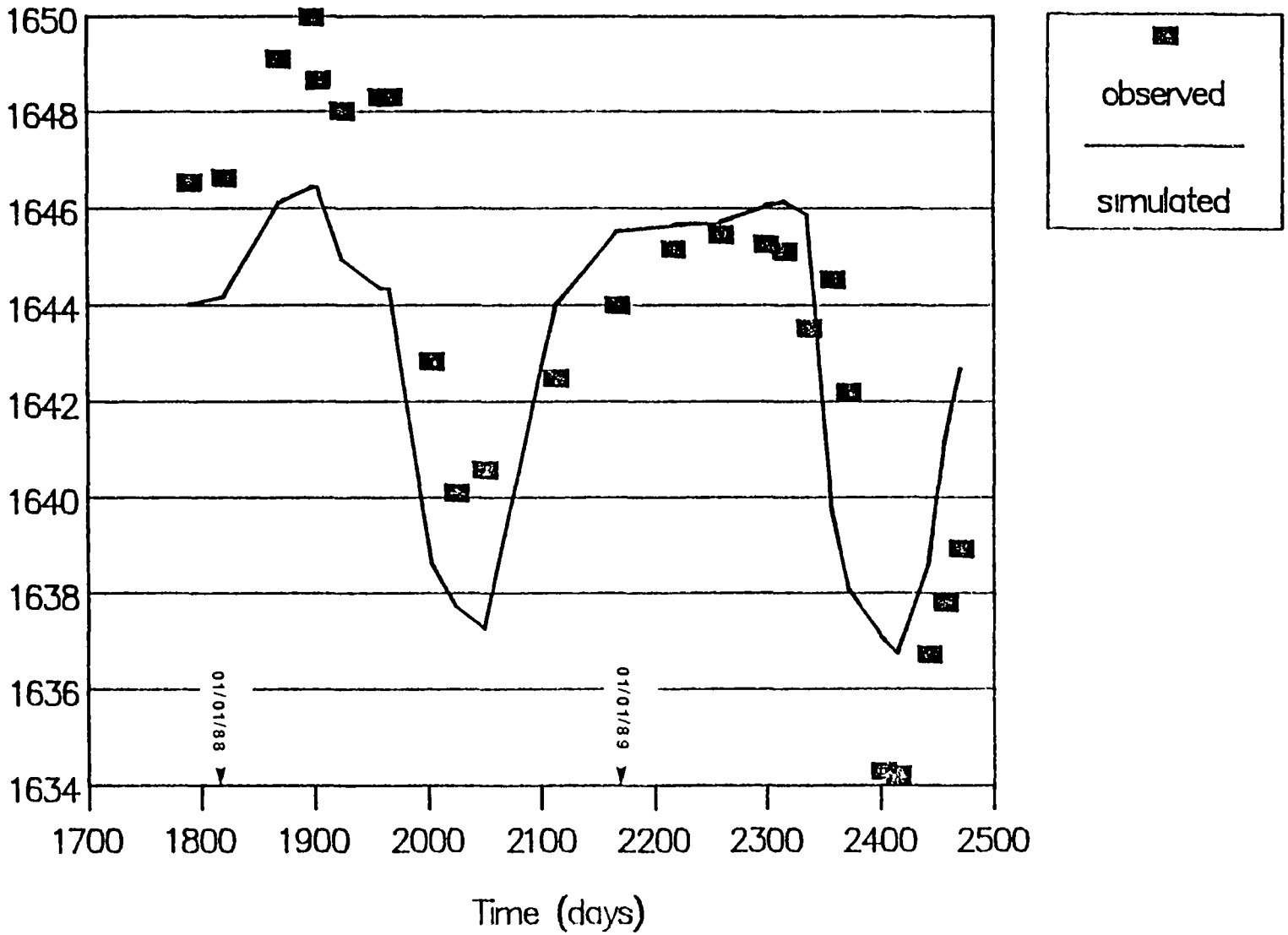



FIGURE IX-21

# SIMULATED VS OBSERVED WATER LEVEL VARIATION
## 87-3M

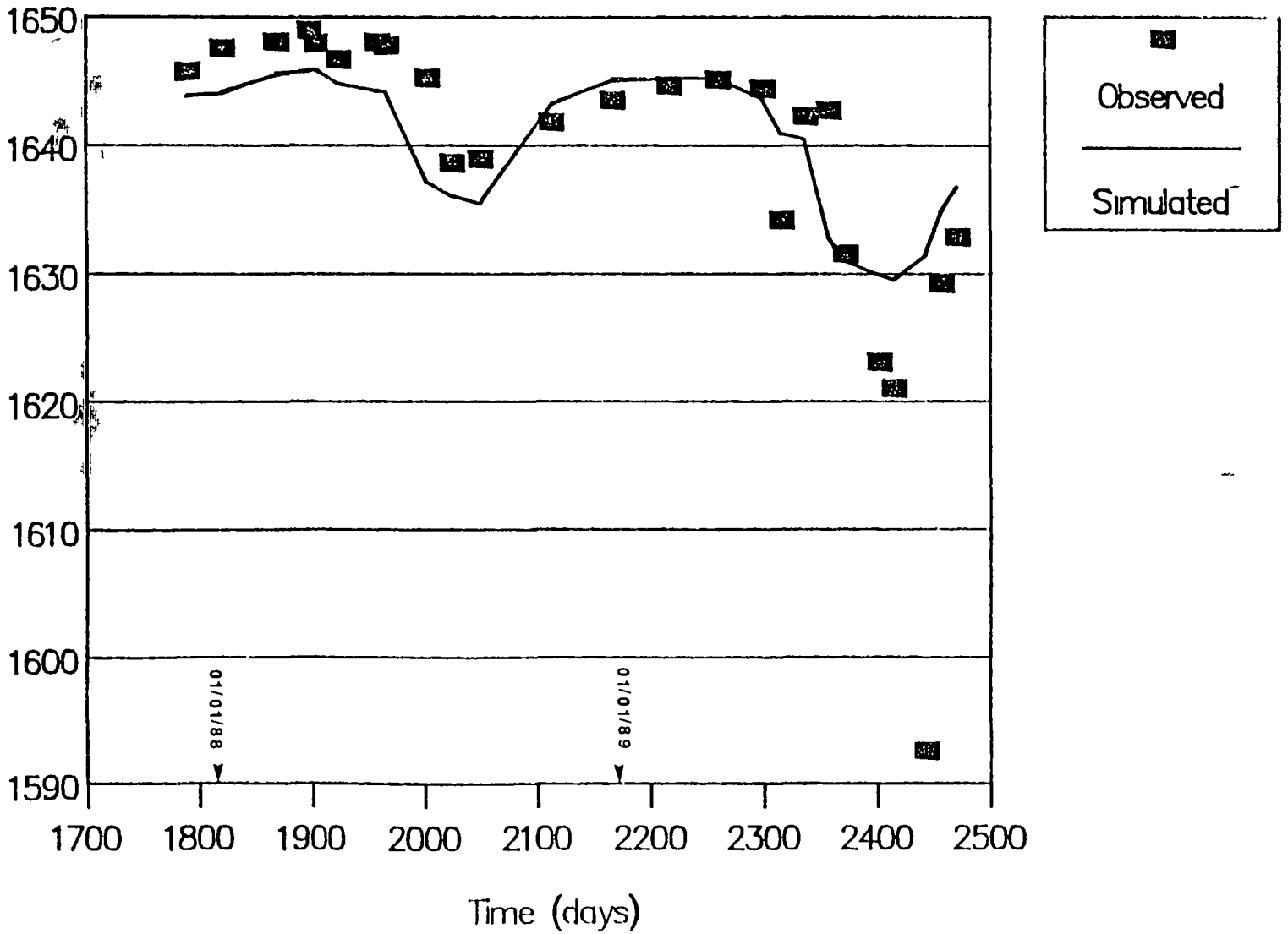



FIGURE IX-22

# SIMULATED VS OBSERVED WATER LEVEL VARIATION
## 87-7M

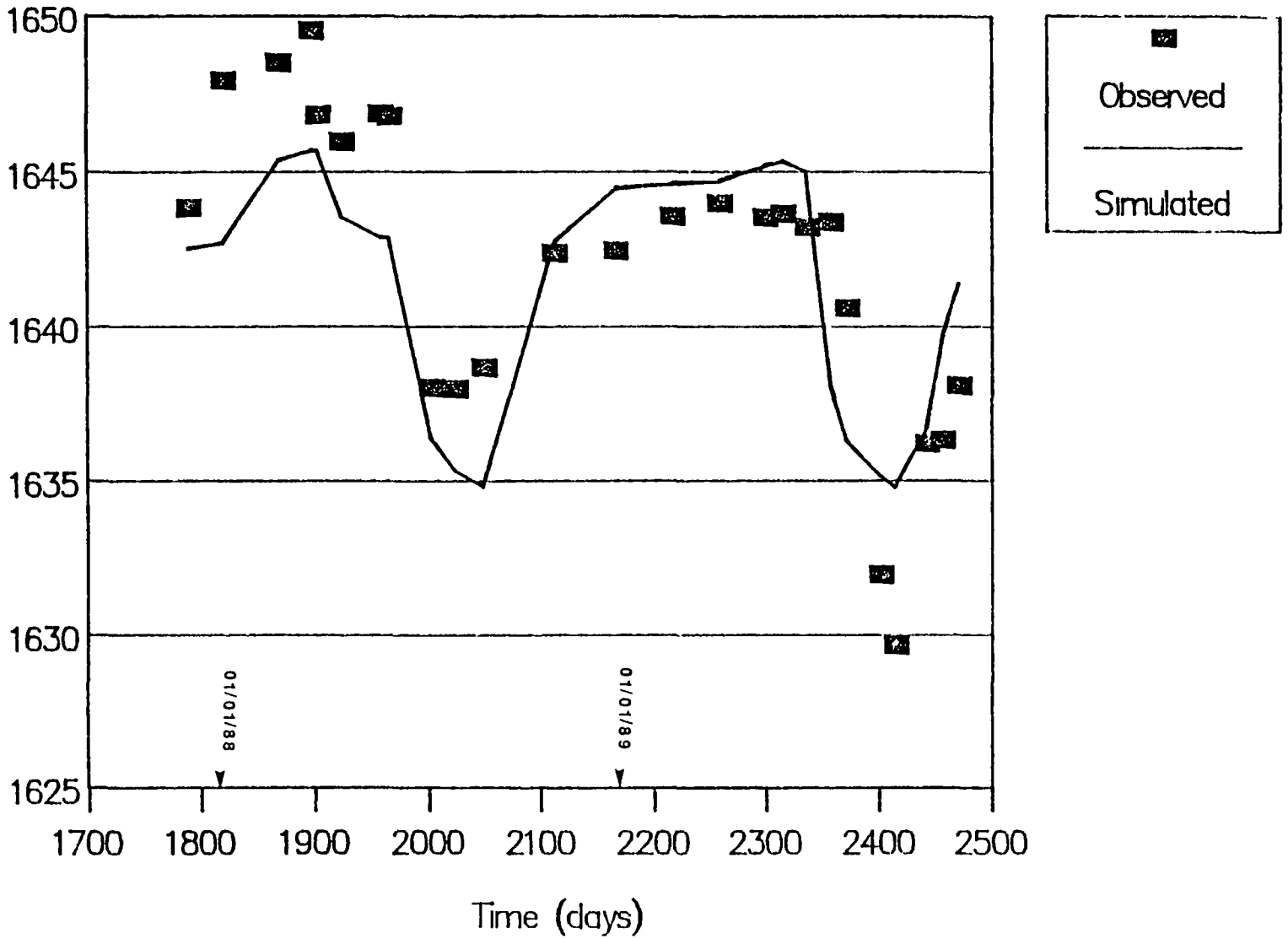



FIGURE IX-23

## SIMULATED VS OBSERVED WATER LEVEL VARIATION
## P-9

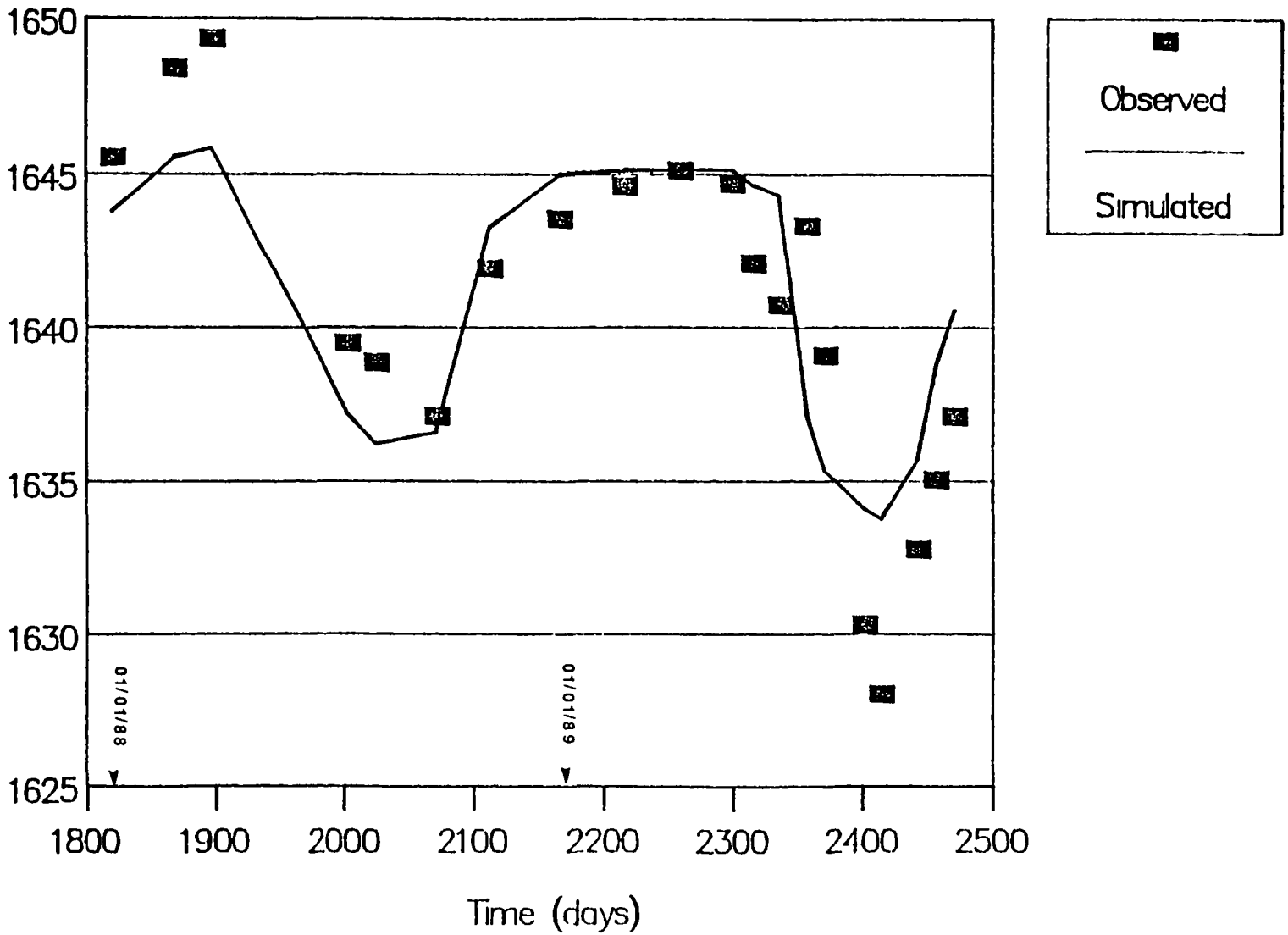
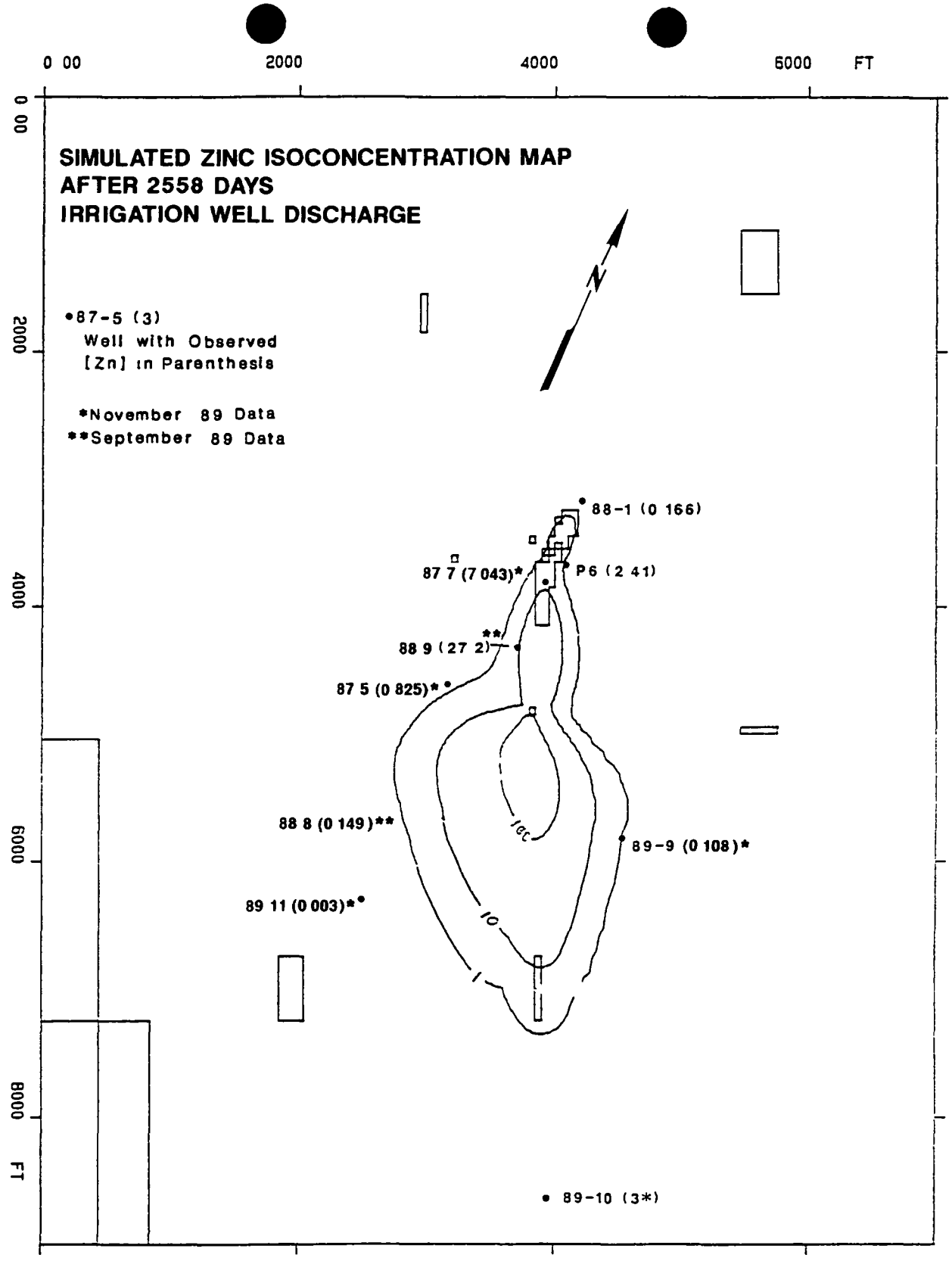
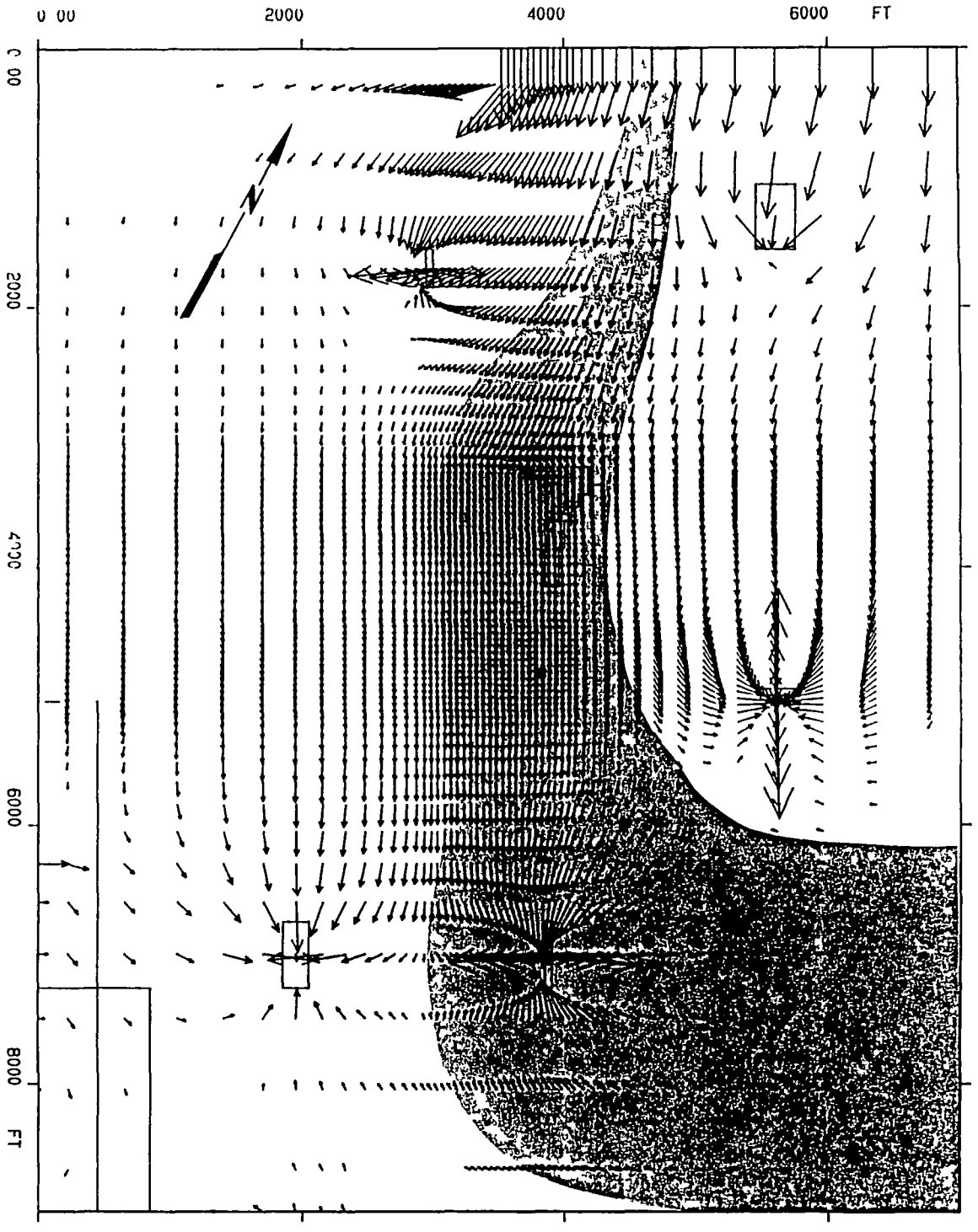



FIGURE IX-24




| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| Zn mg/l | TIME = 2558 DAYS (January 1990) |
| | 00-Jan-00 00 00 00 1 |

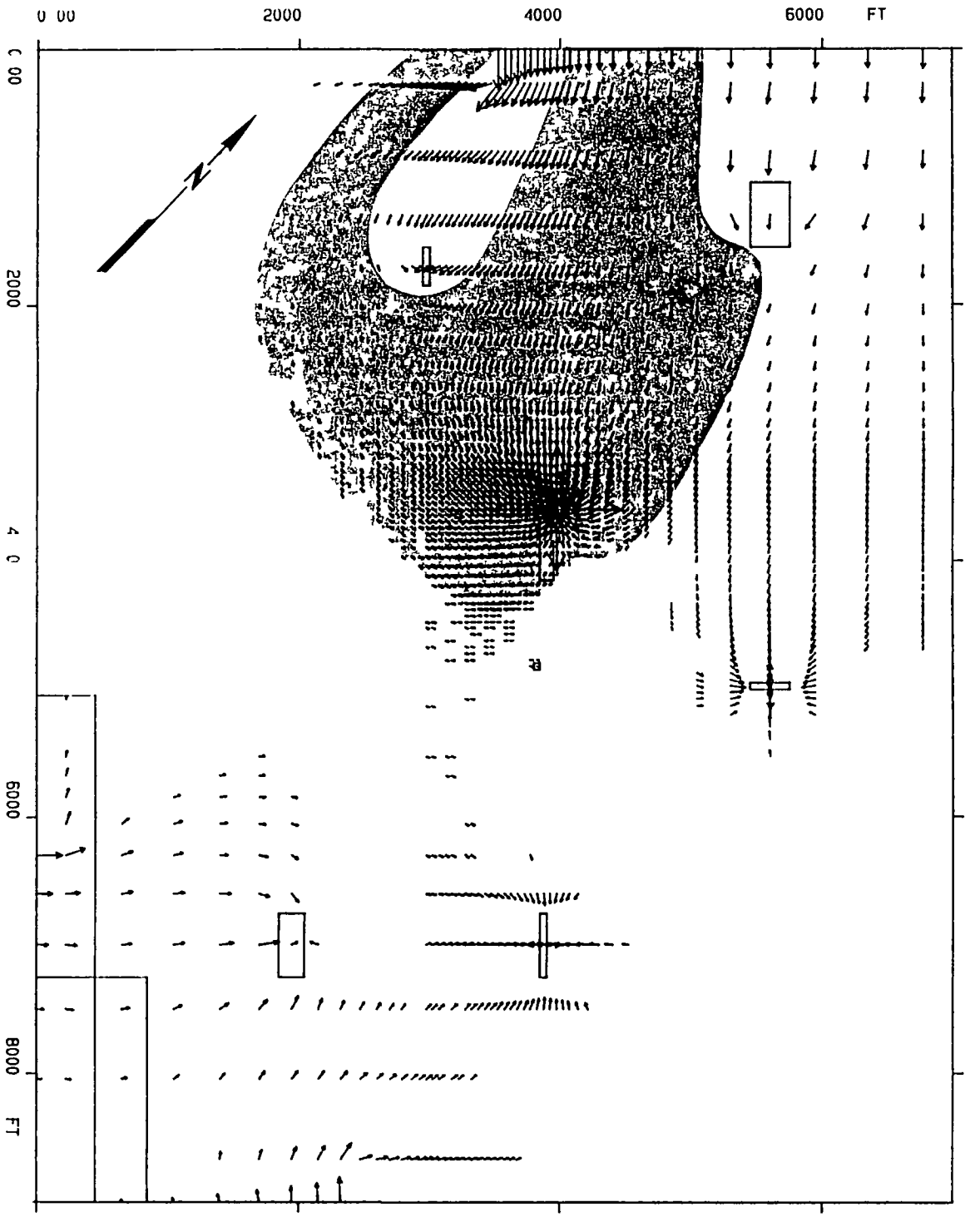
FIGURE IX-25




| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| FLOW VECTORS | TIME = 184 DAYS (June 1983) |
| → = 2 00 FT/D | 00-Jan-00 00 00 00 1 |

CAPTURE ZONE FOR IRRIGATION WELL 54278 (INTERCEPTOR WELLS NOT PUMPING)

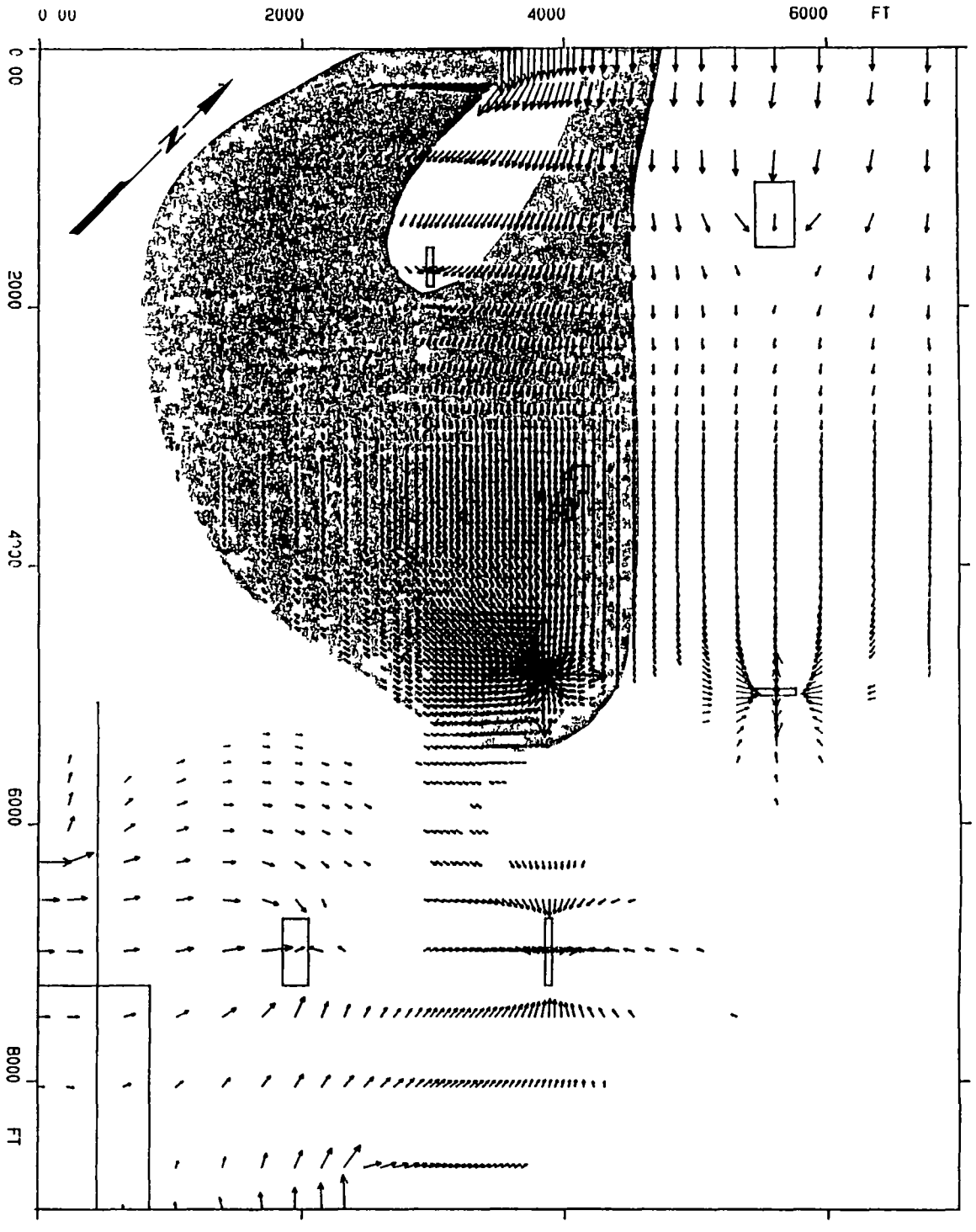
FIGURE IX-26




| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| FLOW VECTORS | TIME = 2002 DAYS (June 1988) |
| → = 10 3 FT/D | 00-Jan-00 00 00 00 1 |

CAPTURE ZONE FOR ORIGINAL INTERCEPTOR WELL (IRRIGATION WELLS PUMPING)

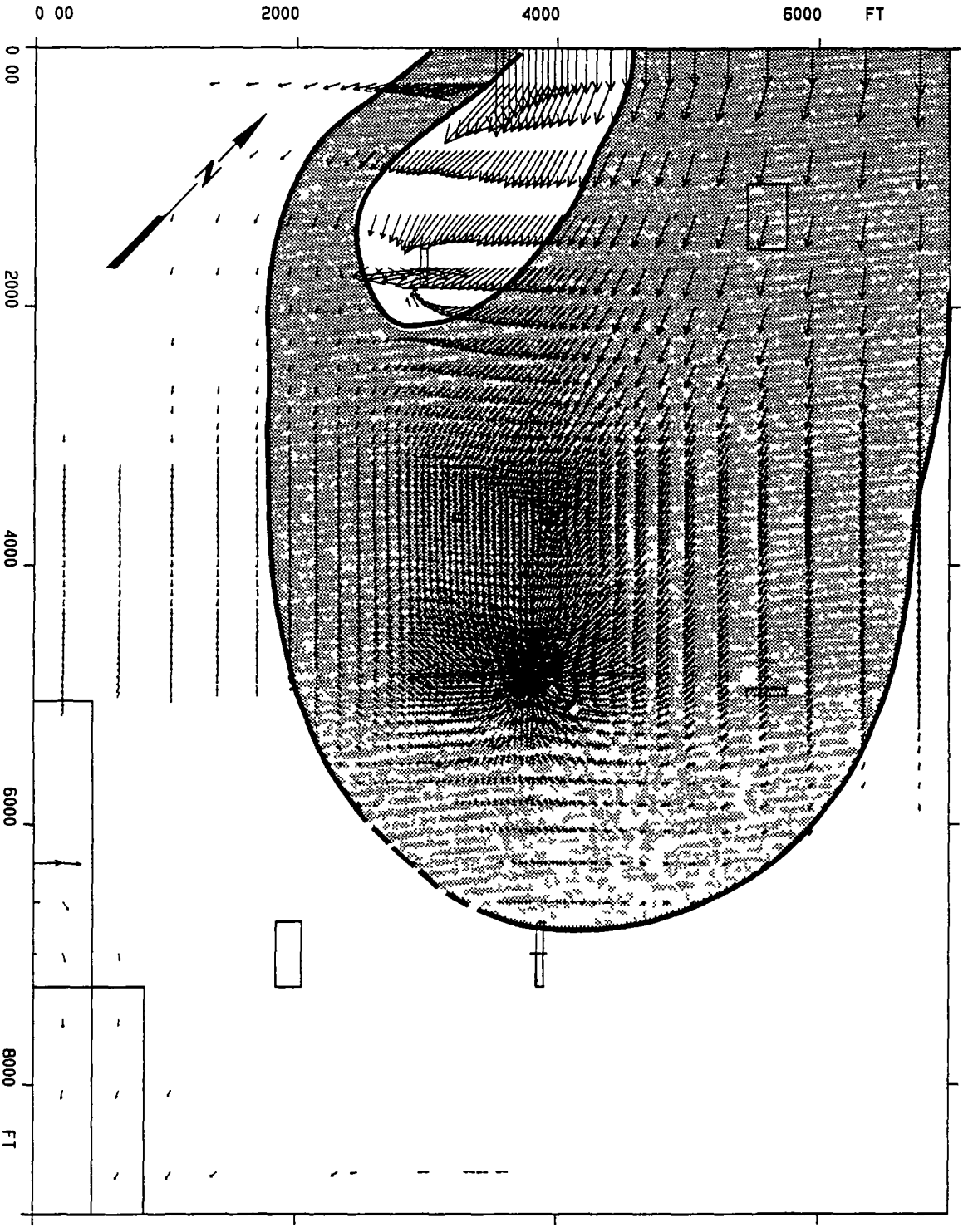
**FIGURE IX-27**




| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| FLOW VECTORS | TIME = 2371 DAYS (June 1989) |
| → = 10 1 FT/D | 00-Jan-00 00 00 00 1 |

CAPTURE ZONE FOR THE ADD ON INTERCEPTOR WELL (IRRIGATION WELLS PUMPING)

**FIGURE IX-28a**




| LINDSAY MFG 16675-002-005 MT MRUN27 (REMEDIATION) | |
|---|---|
| | TIME = 2586 DAYS |
| | 00-Jan-00 00 00 00 1 |

CAPTURE ZONE FOR THE ADD ON INTERCEPTOR WELL
WINTER DISTRIBUTION

**FIGURE IX-28b**

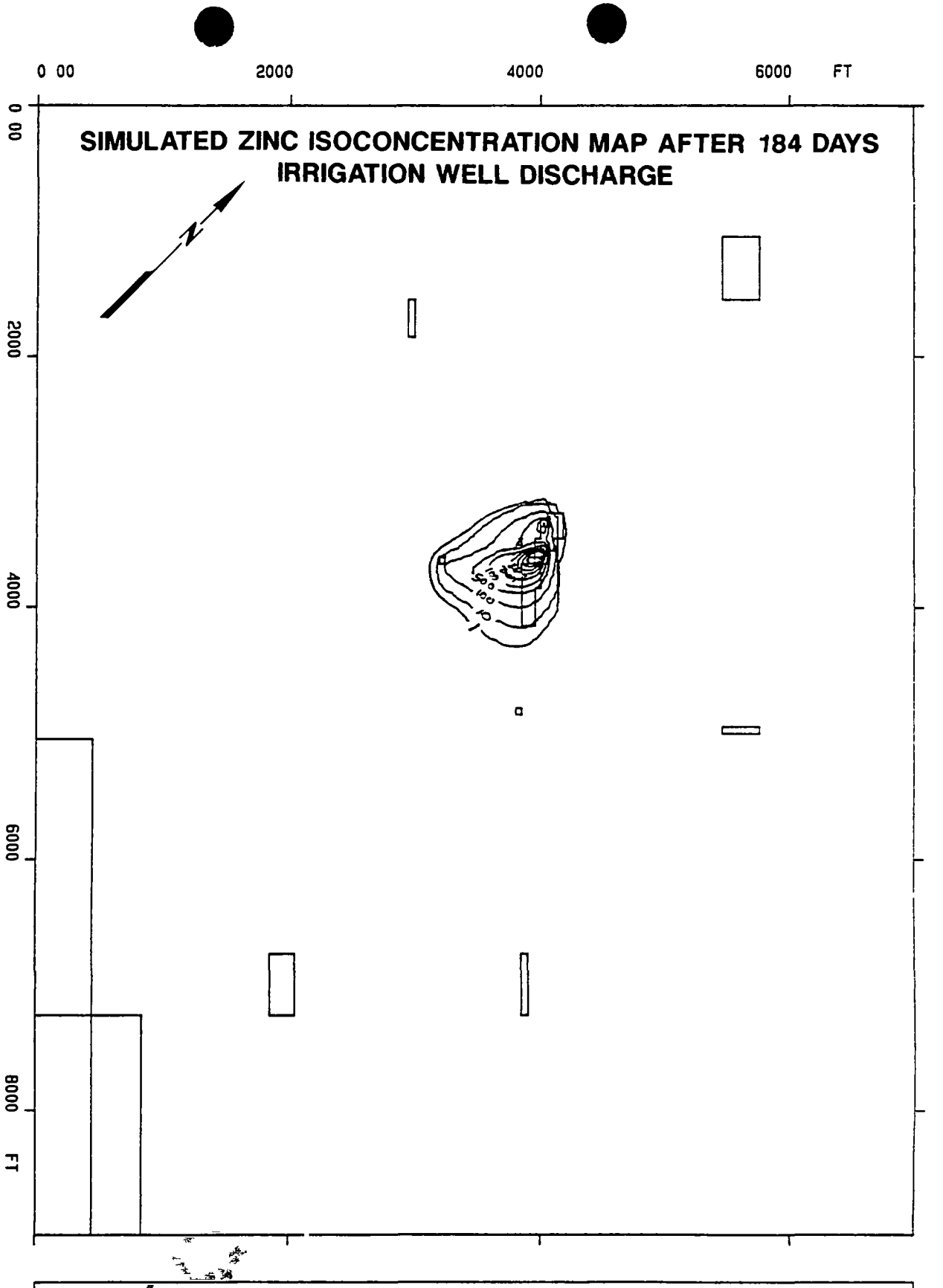
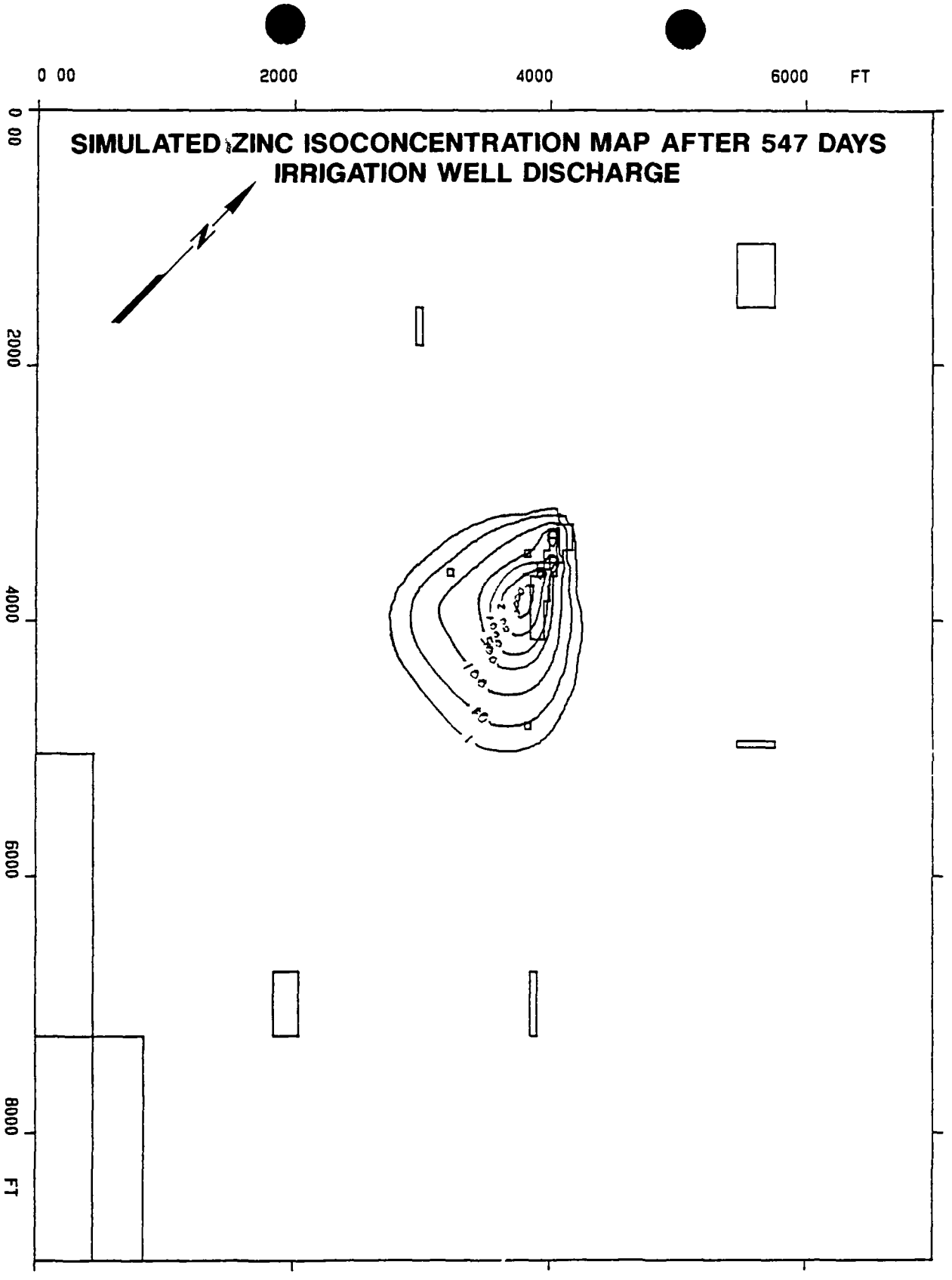
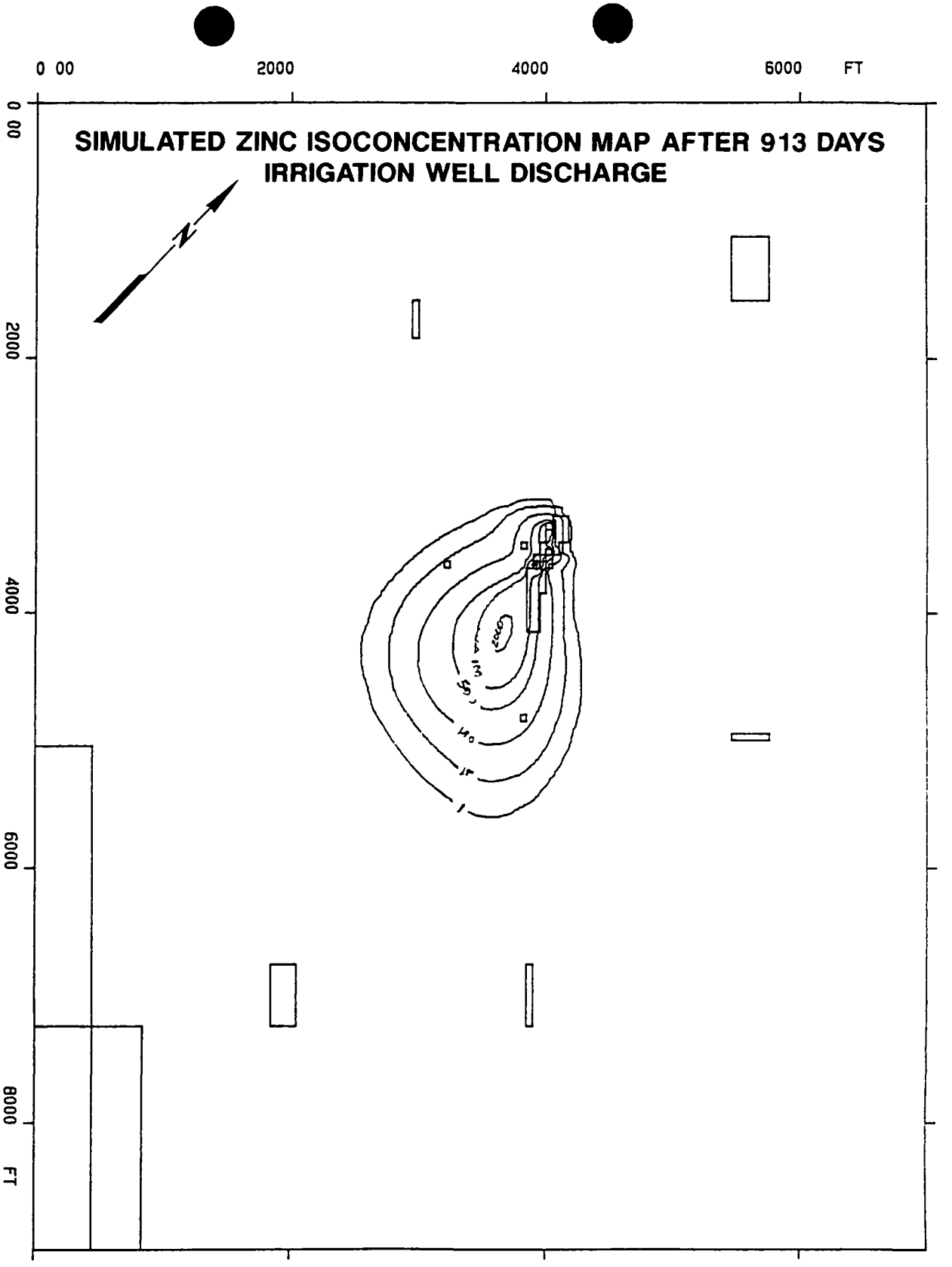

0 00
2000
4000
6000
FT
SIMULATED ZINC ISOCONCENTRATION MAP AFTER 184 DAYS
IRRIGATION WELL DISCHARGE
N
0 00
2000
4000
6000
8000
FT
LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION)
Zn CONCENTRATION mg/l
TIME = 184 DAYS
17-Jan-90 00 00 00 1

FIGURE IX 29



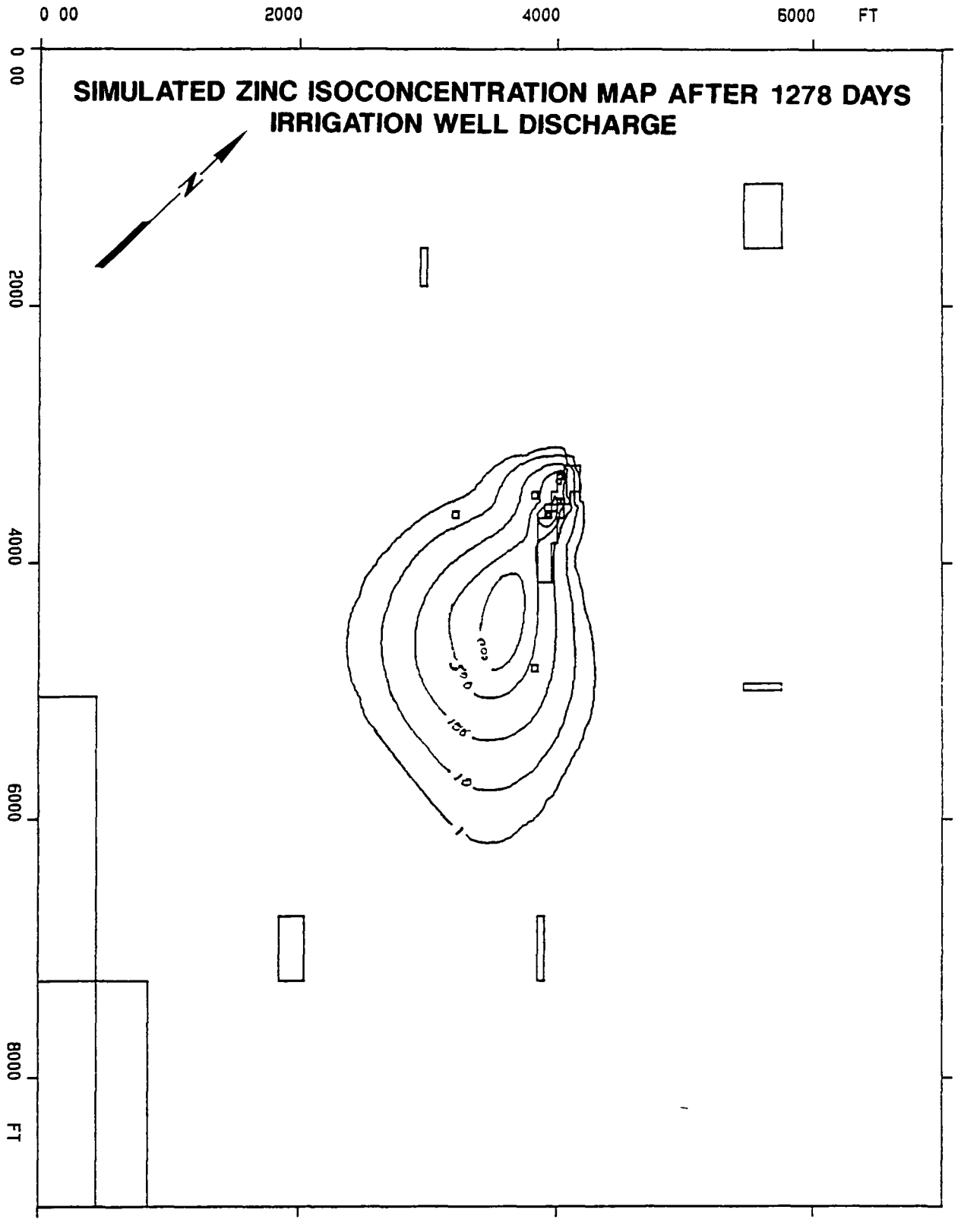

| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| Zn CONCENTRATION mg/l | TIME = 547 DAYS |
| | 17-Jan-90 00 00 00 1 |

FIGURE IX 30



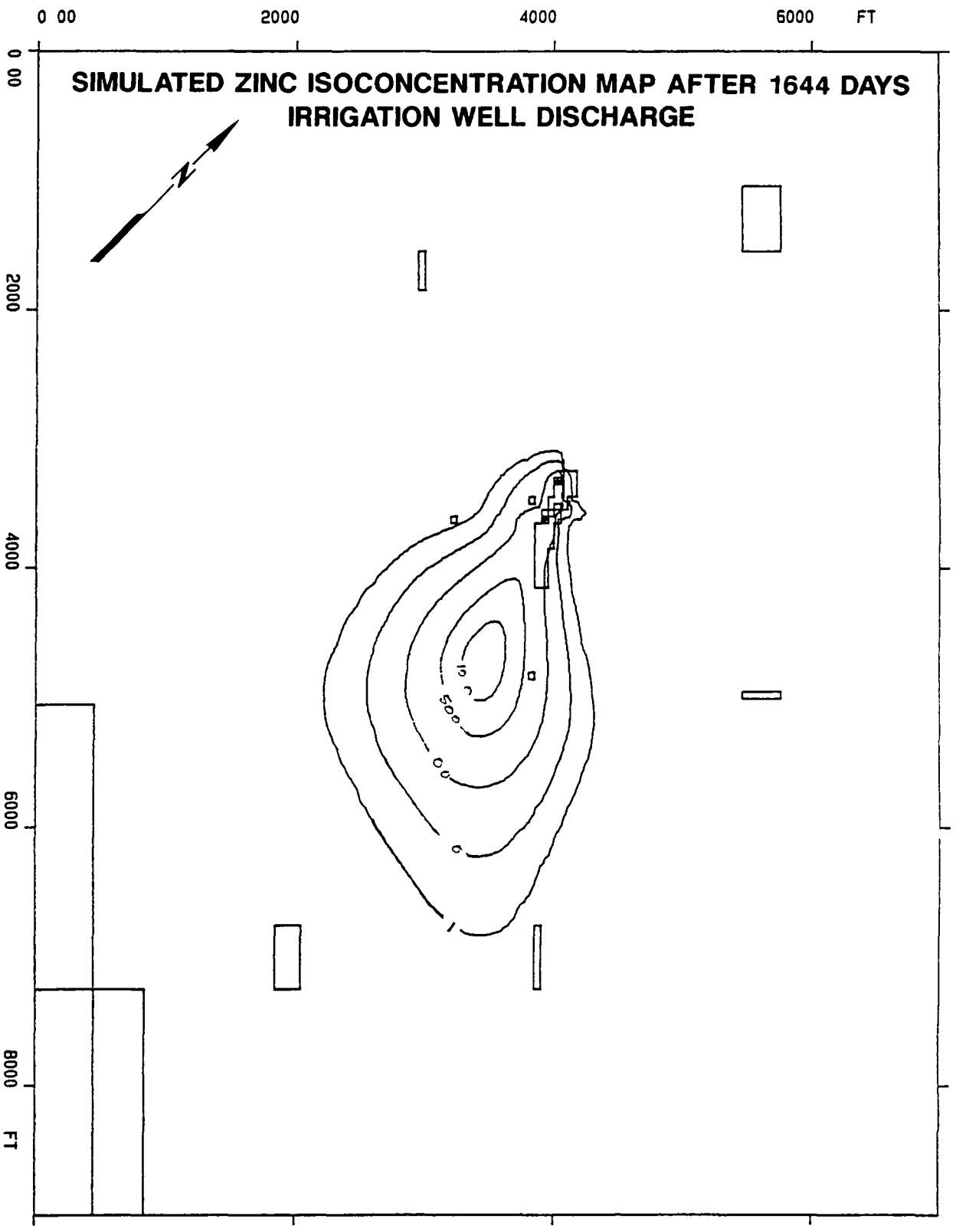

| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| Zn CONCENTRATION mg/l | TIME = 913 DAYS |
| | 17-Jan-90 00 00 00 1 |

FIGURE IX-31



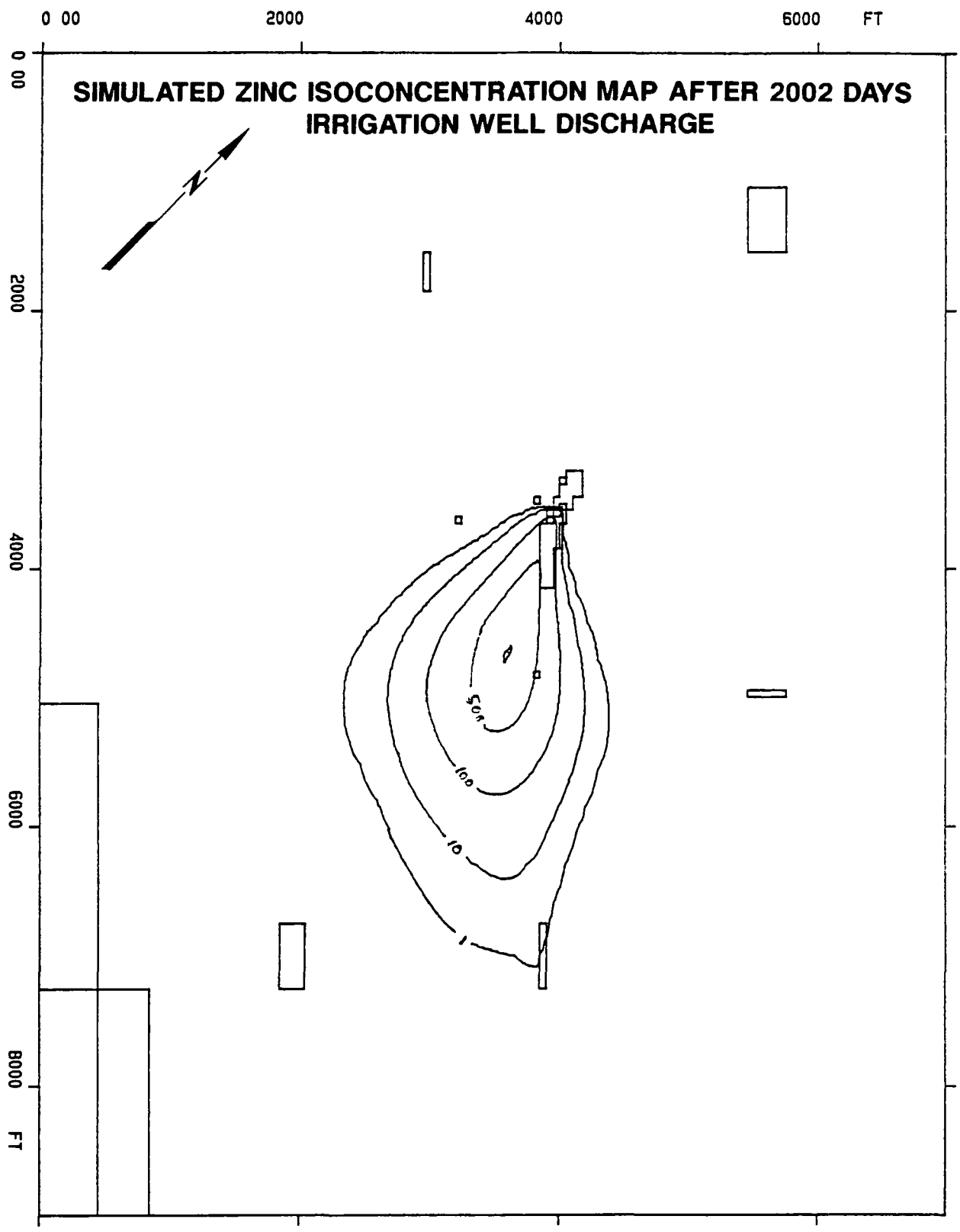

| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| Zn CONCENTRATION mg/l | TIME = 1278 DAYS |
| | 17-Jan-90 00 00 00 1 |

FIGURE IX-32



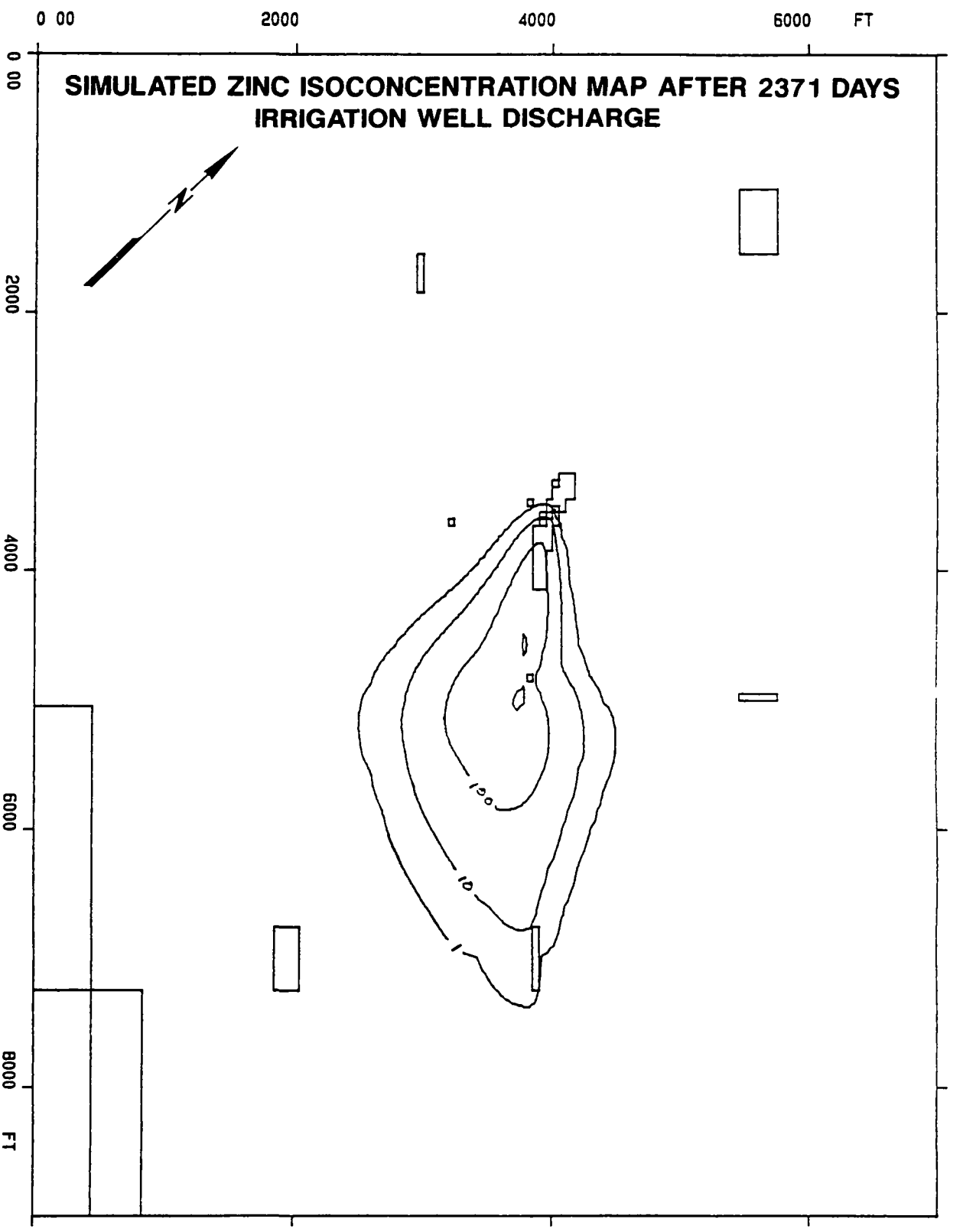

| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| Zn CONCENTRATION mg/l | TIME = 1644 DAYS |
| | 17-Jan-90 00 00 00 1 |

FIGURE IX 33



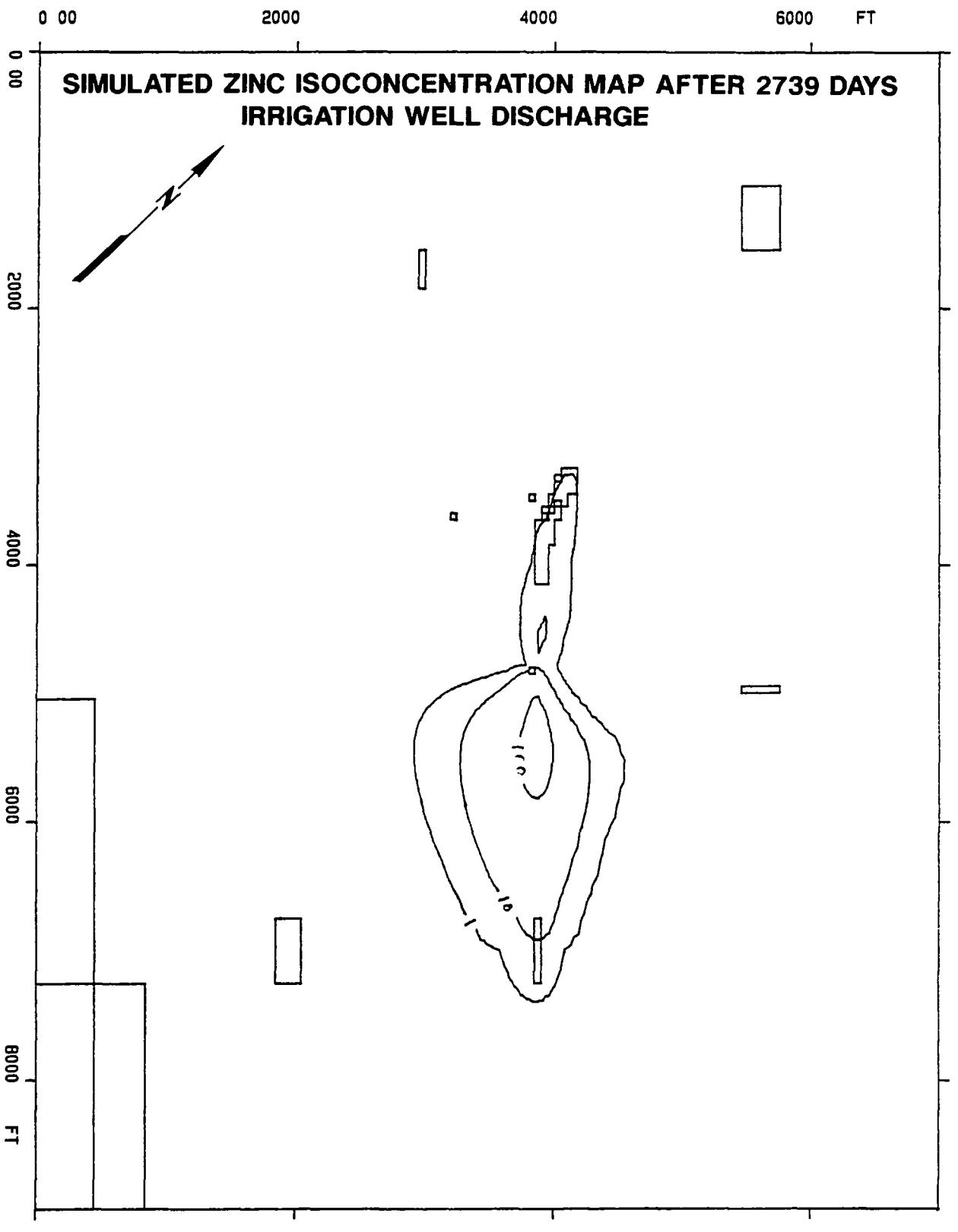

| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| Zn CONCENTRATION mg/l | TIME = 2002 DAYS |
| | 17-Jan-90 00 00 00 1 |

FIGURE IX-34




| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| Zn CONCENTRATION mg/l | TIME = 2371 DAYS |
| | 17-Jan-90 00 00 00 1 |

FIGURE IX-35

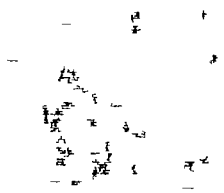



| LINDSAY MFG 16675-002-005 TRANSP MRUN27 (REMEDIATION) | |
|---|---|
| Zn CONCENTRATION mg/l | TIME = 2739 DAYS |
| | 17-Jan-90 00 00 00 1 |

FIGURE IX-36

# APPENDIX IX

C 2-Dimensional Cross Section Model Figures



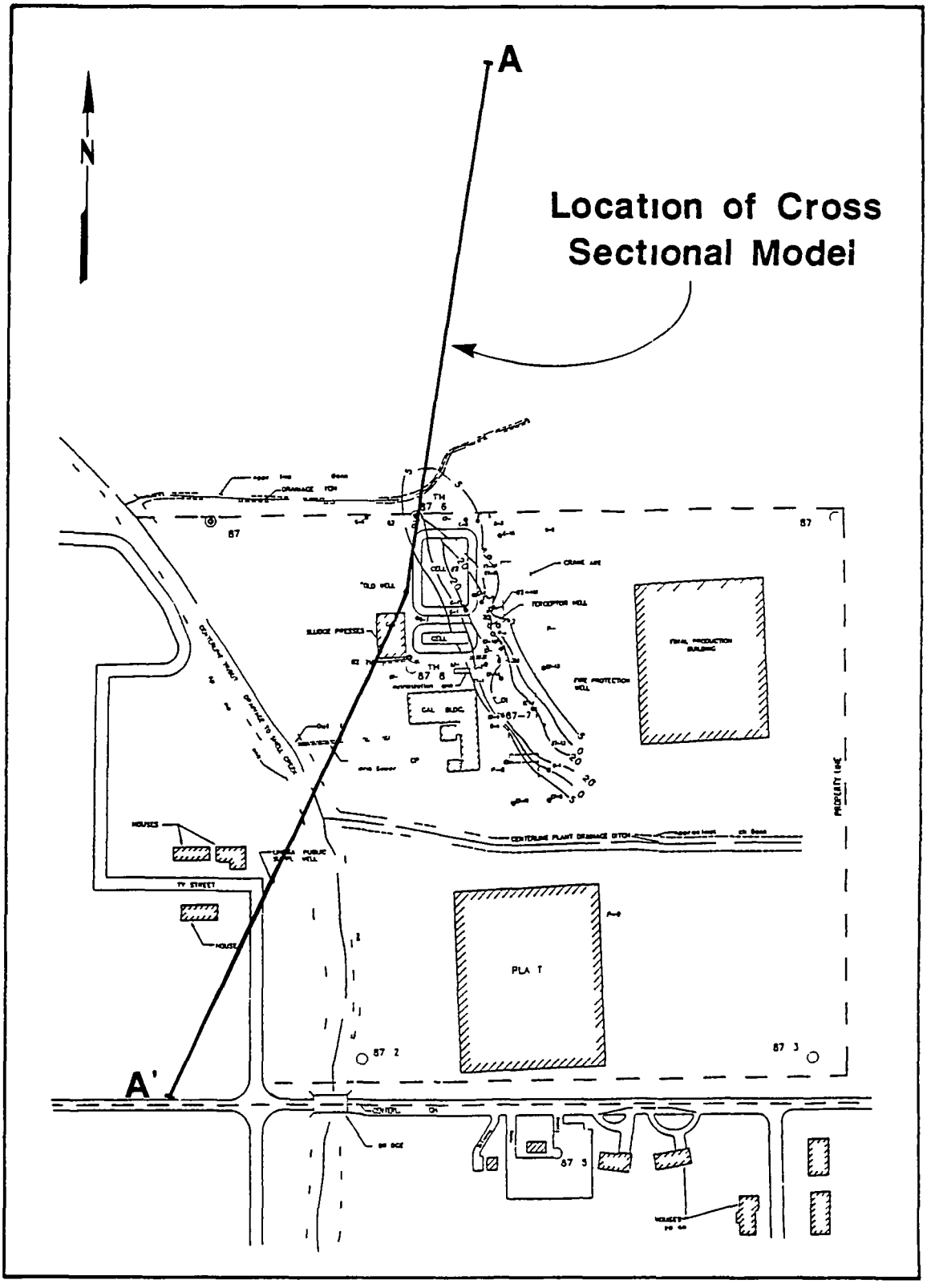
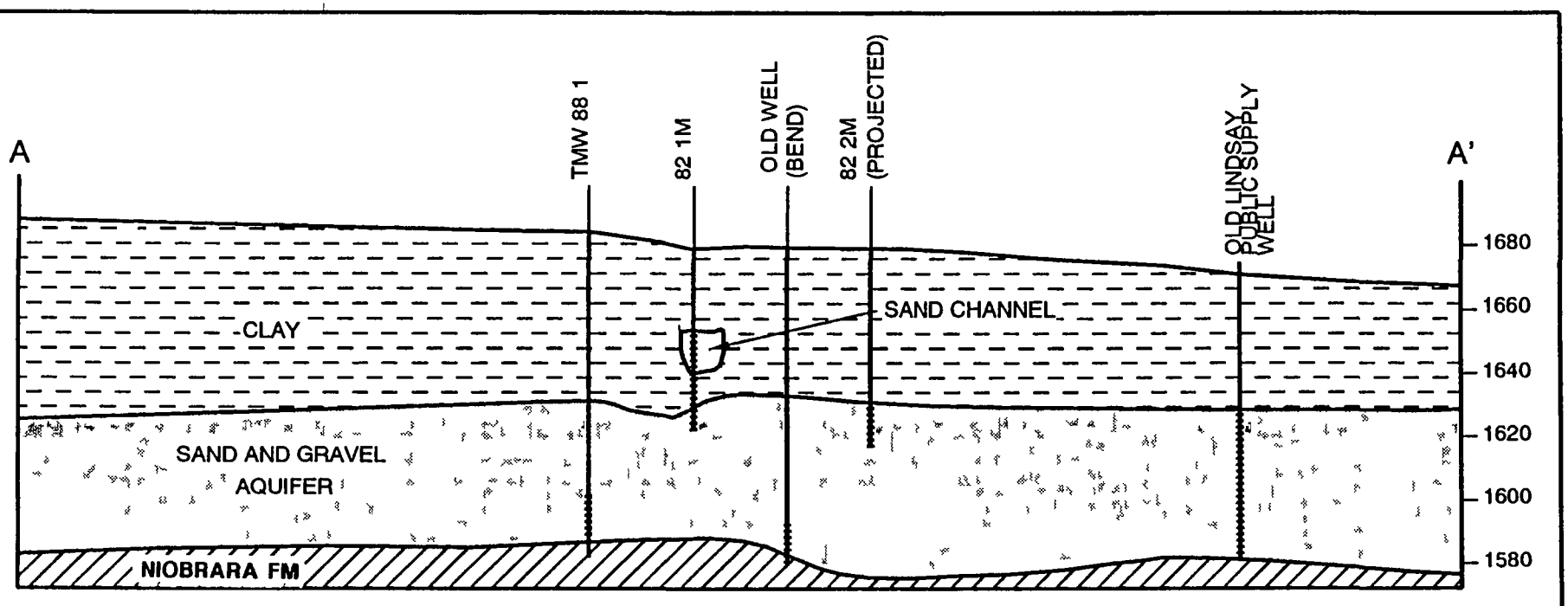

A
N
Location of Cross
Sectional Model
A'
PLA T
87 2
87 3
87 5
87
TH
87 6
87 8
87-7
CAL BLDG
CELL
SLUDGE PRESSES
FIRE PROTECTION WELL
FINAL PRODUCTION BUILDING
CENTERLINE PLANT DRAINAGE DITCH
PROPERTY LINE
HOUSES
TY STREET
CONTROL

FIGURE IX 37



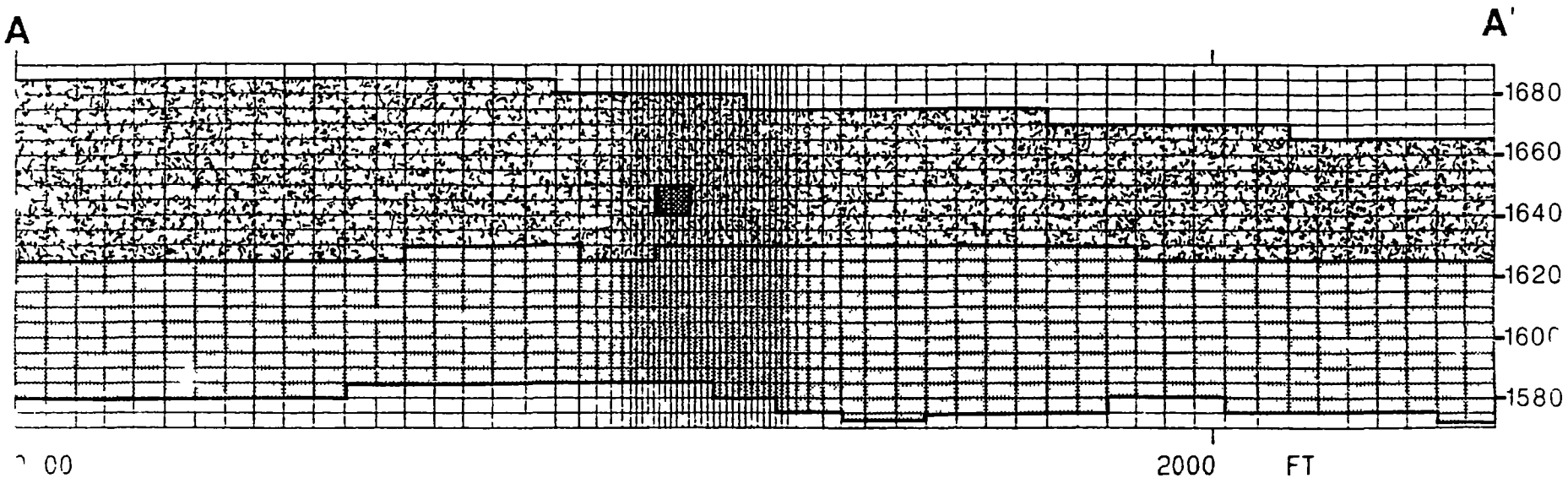

## CROSS SECTION A-A'

0 250

SCALE 1 =250

5x VERTICAL EXAGGERATION

FIGURE IX-38




## Material-Property Distribution

clay

sand channel

sand & gravel aquifer

no flow

0 250 FEET

HORIZONTAL SCALE

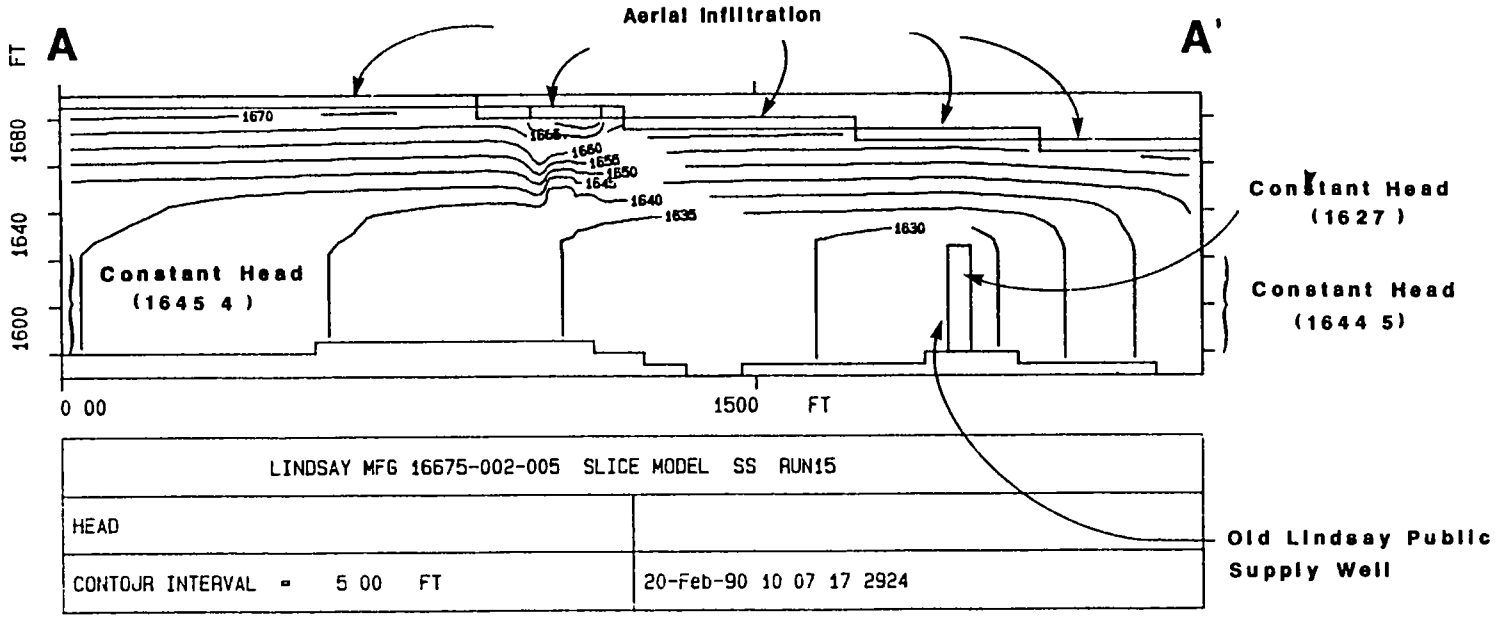
0 50 FEET

VERTICAL SCALE

VERTICAL EXAGGERATION 5 1

FIGURE IX-39

# CONSTANT HEAD BOUNDARIES




0 400

HORIZONTAL SCALE

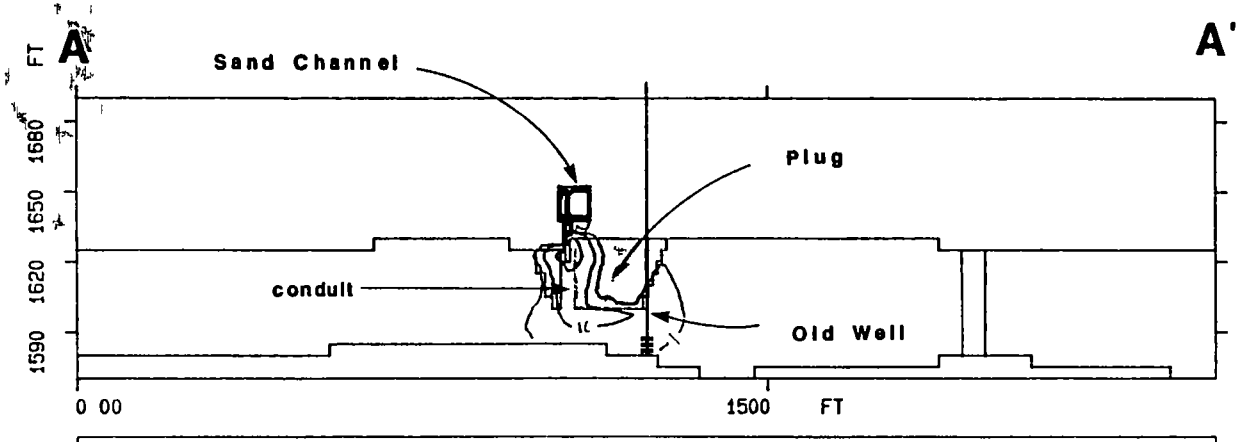
0 80

VERTICAL SCALE

VERTICAL EXAGGERATION 5 1

FIGURE IX-40

# 5-DAY MASS TRANSPORT SIMULATION




0 400

HORIZONTAL SCALE

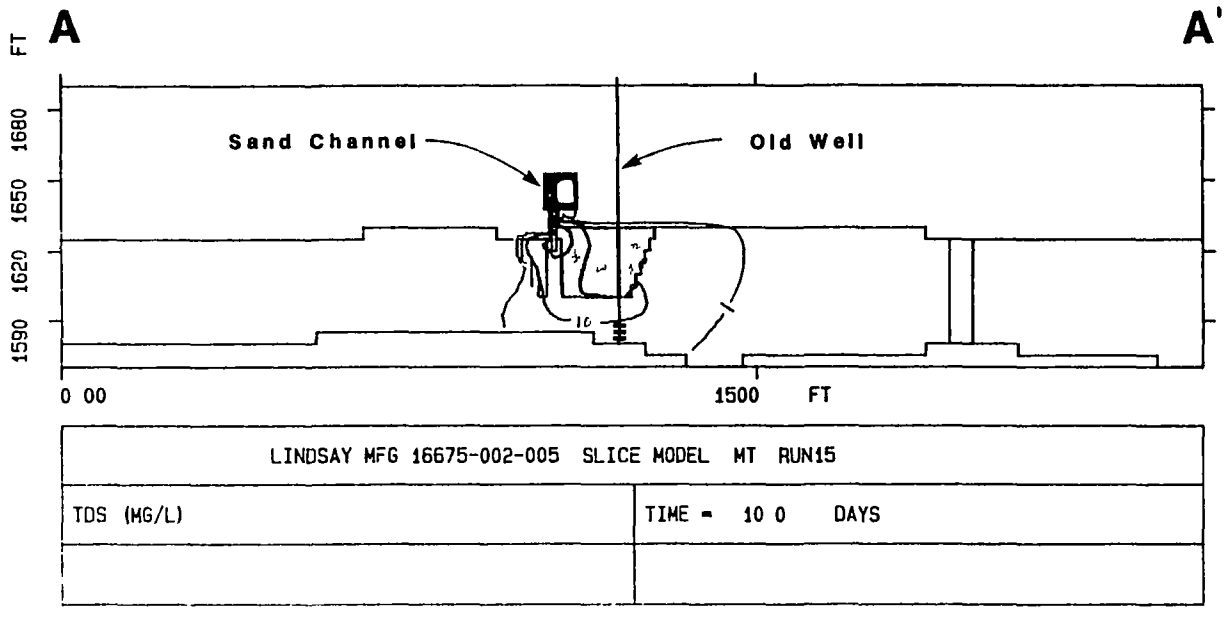
0 80

VERTICAL SCALE

VERTICAL EXAGGERATION 5 1

FIGURE IX-41

# 10 - DAY MASS TRANSPORT SIMULATION




0 400

HORIZONTAL SCALE

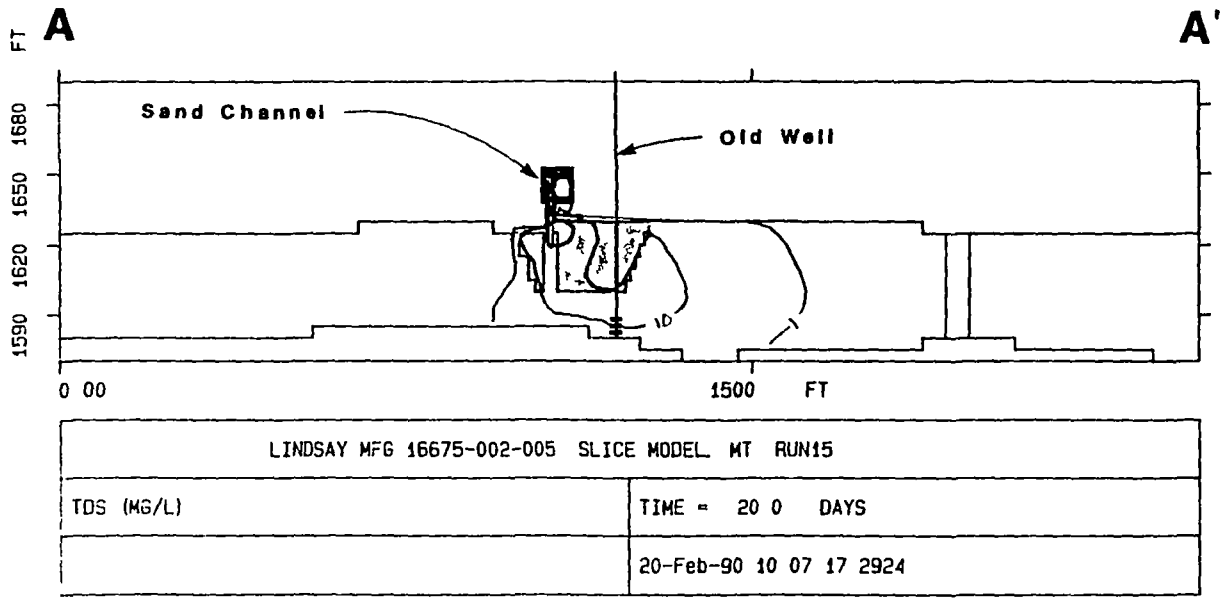
0 80

VERTICAL SCALE

VERTICAL EXAGGERATION 5 1

FIGURE IX-42

# 20 - DAY MASS TRANSPORT SIMULATION




0 400

HORIZONTAL SCALE

0 80

VERTICAL SCALE

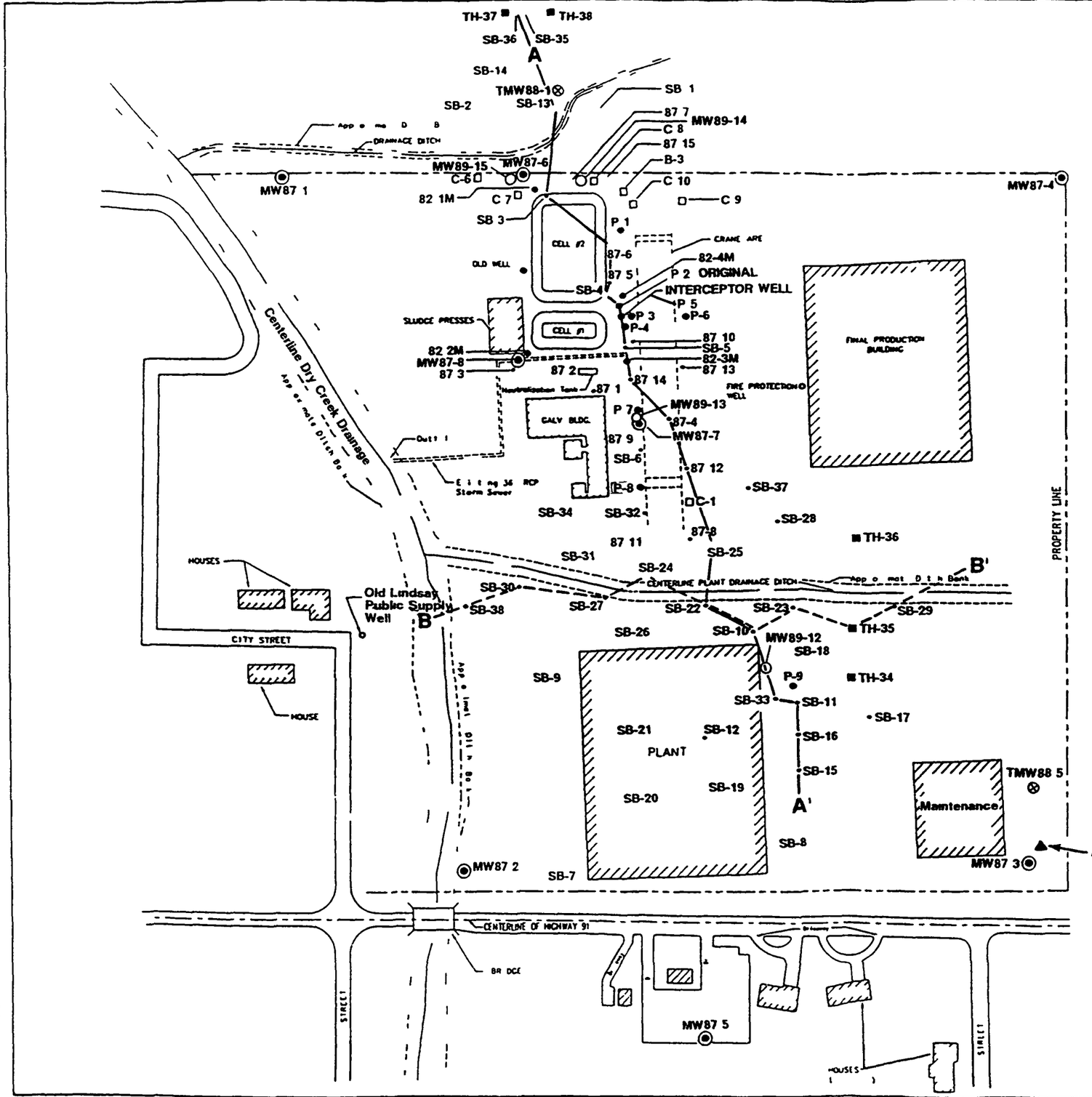
VERTICAL EXAGGERATION 5 1

FIGURE IX 43

# APPENDIX X

GEOLOGIC CROSS-SECTIONS ORGANIC OCCURRENCE

122954




**Legend**

- Existing Production Wells
- Existing Piezometers
- Facility Monitoring Wells 1987
- Shallow Auger Borings 1988
- Auger Borings 1983
- Test Holes 1988
- Facility Monitoring Wells, 1989
- Temporary Monitoring Wells, 1988
- A——A Trace of Cross-Section

Job No 7 002

Rev 6/12/90

**Location of Shallow Soil Cross-Sections of Borings Containing Organic Compounds**
**Lindsay Manufacturing Site**
**Dames & Moore**

# Unscanned Document

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