# Attachment F

# Driller's Daily Reports

# DAILY TOUR REPORT

WDC JOB # 2BNG01 LOCATION: Bacing of Torrance RIG #: 144 DATE: 2/3/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | 2 | travel |
| 7:00 | 8:00 | 1 | Safety Meeting & meet client |
| | | | |
| 8:00 | 12:00 | 4 | set up & Drill 2 Holes from 0-60' first Hole |
| | | | Drill from 0-60' set 3" well ~~[illegible]~~ At 63' with 3' up. |
| | | | from Ground Second well Drill from 0-60' not |
| | | | materials need to get more material Down time from |
| 12:00 | 1:00 | 1 | Down waiting for materials |
| 1:00 | 2:00 | 1 | set 3" well At 60' with 3' Up from Ground |
| 2:00 | 5:30 | 3.5 | move to next well location & Drill from 0-60' set 3" |
| | | | well At 60' with 3' Up from Ground pull augers out |
| | | | Clean up ~~[illegible]~~ put tools away make Dirt from |
| | | | first & second well Because we Don Have Hoppers in the morning |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 86 / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 10 / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | ~~[illegible]~~ |
| Slip Cap | Each | 6x 3" |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| 1 | 0 | 63' | 63' |
| 2 | 0 | 63' | 63' |
| 3 | 0 | 63' | 63' |
| | | | |
| | | | |
| | | total | 189' |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | 45' | Per Diem | Prsn Day | 2 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | — | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | 150' | | | |

CLIENT REP: [illegible] SIGNATURE

CLIENT JOB #: 28882-503

OPERATOR: Jorge SIGNATURE

RIG HAND: Quintin RIG HAND: Steven

# DAILY TOUR REPORT

WDC JOB #: 2BNG LOCATION: Torrence CA RIG #: 147 DATE: 2-3-05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | 2.0 | Drive to the jobsite at BUING at Torrence CA. |
| 7:00 | 8:00 | 1.0 | Health and safety meeting, set up at the |
| | | | first boring location |
| 8:00 | 5:00 | 9.0 | Drill 3 ~~soil borings~~ vapor well from 0 to 65' |
| | | | no sampling |
| 12:00 | 12:30 | 0.5 | lunch |
| 5:00 | 5:30 | 0.5 | clean up |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand #3 | Sack/Foot | 74 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 6 / |
| Volclay Grout | Sack/Foot | 3 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | 0 | 65 | |
| | 0 | 65 | |
| | 0 | 65 | |
| | | | 195 |

## COMMENTS

TOTAL RIG HOURS WORKED 9.0

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | 3" | 45 | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 3" | 150 | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #: 28882-503

OPERATOR: Ignacio Gutierrez

RIG HAND: Javier Rios RIG HAND: Juan Alvarez

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Boeing of Tennessee RIG #: 149 DATE: 2/4/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 8:00 | 1 | Safety meeting ~~[illegible]~~. Waiting for Client to see |
| | | | what Holes we Drill today |
| 8:00 | 10:00 | 2 | Drill From 0-102' with 8" Augers Need to set 2" Well |
| | | | Not materials call continental they supose Bring materials at |
| | | | 7:00 Am. |
| 10:00 | 11:00 | 1 | Wait for materials |
| 11:00 | 5:30 | 6 | set 2" Well at 102' Sanding well & Surge put chips to 86' Need |
| | | | One more Ft. for 85' where Client wanted Bridge well |
| | | | Pull well out & Augen Need to Drill Again set Well |
| | | | 2 more times ~~[illegible]~~ ~~[illegible]~~ can Not set well ~~[illegible]~~ |
| | | | called A Day need to due again Nex Day |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 5 / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| 170LB | 0 | 102' | 102' |
| | | | |
| | | | |
| | | | |
| | | | |
| | | total | 102' |

## COMMENTS

Drill Hole 2 times
can Not set Well Need
to go Back Nex Day
b

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan. |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | [illegible] |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-503
OPERATOR: Jorge SIGNATURE
RIG HAND: Quintin RIG HAND: Steven

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Torrence CA RIG #: 147 DATE: 2/4/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | 0.5 | Health and safety meeting |
| 7:30 | 5:30 | 10.0 | set up on the first 2" monitoring well (water) |
| | | | Drill from 0 to 122 feet no sampling |
| | | | install well, seigins 15 minutes, grouting thru |
| | | | tremie pipe, pull augers out and decon |
| | | 2 | move to the second monitoring water well |
| | | | drill from 0 to 65 feet |
| 12:00 | 12:30 | 0.5 | lunch |
| 5:30 | 6:00 | 0.5 | clean up |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand #3 | Sack/Foot | 7 / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement portland | Sack/Foot | 28 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | 3 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap 2 | Each | 1 |
| Slip Cap 2 | Each | 1 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| 88C | 0 | 121 | |
| 22C | 0 | 65 | 186 |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 105 | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 20 | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 2BNG-503
OPERATOR: Ignacio Gutierrez SIGNATURE
RIG HAND: Javier Rios RIG HAND: Juan Alvarez

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Boeing of Tonnanger RIG #: 144 DATE: 2/5/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | .5 | safety meeting |
| 7:30 | 1:00 | 5.5 | set up in same Hole from Day Before send Augers to |
| | | | 102' set 2" well at 102' Sanding well & surge for |
| | | | 15 minutes chipet & Grouted with portland cement using |
| | | | trimie pipe & pulling 10' of augers at the time |
| 1:00 | 3:00 | 2 | move to new well location & set up. Drill from 0-65' |
| 3:00 | 3:30 | .5 | cleanup put tools away |
| ~~3:00~~ | ~~3:30~~ | . | |
| | | | |
| | | | |
| | | | |
| 3:30 | 5:30 | 2 | travel |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 5 / |
| Bentonite Pellets | Bucket/Feet | 4 / |
| Cement | Sack/Foot | 21 / |
| Bentonite Powder | Sack/Foot | 0 / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | 3 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 1 X 2" |
| Slip Cap | Each | 1 X 2" |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | 144 | 27198 |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | 144 | 1597 |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | 244 | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | 444 | 225 |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | ~~Action Needed ( ) Check If None~~ |
|---|---|
| | Second Hole Drill to 65' |
| | Leave Augen for monday |
| | to Drill to 102' |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW170LB | 0 | 102' | 102' |
| AW113B | 0 | 65' | 65' |
| | | | |
| | | | |
| | | | |
| | | total | 167' |

## COMMENTS

First well was allready open
Need to send augers down
1 set well from Day Before
~~Second Hole Drill to 65' Leave for~~

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan. |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 95' | Per Diem | Prsn Day | 2 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 10' | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 29892-503
OPERATOR: Jorge SIGNATURE
RIG HAND: Richard RIG HAND: Steve

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Torrence CA RIG #: 147 DATE: 2/5/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 8:00 | 1.0 | Health and safety meeting |
| 8:00 | 1:30 | 5.5 | Drill from 65 to 122, set 2" monitoring |
| | | | water well, 20 feet screen, 105' blank |
| | | | seige 15 minutes, grout through the tremie pipe |
| 1:30 | 3:00 | 1.5 | move to the next monitoring water well |
| | | | drill from 0 to 65 |
| 1:00 | 1:30 | 0.5 | lunch |
| 3:00 | 4:00 | | clean up the site, decon equipment, pick up |
| | | | trash |
| 4:00 | 6:00 | 2.0 | Drive to the yard at montclair CA |
| | | | |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand #3 | Sack/Foot | 7 / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement portlund | Sack/Foot | 27 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | 3 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap 2" | Each | 1 |
| Slip Cap 2" | Each | 1 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| | | |
| | | |
| | | |
| | | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| 22C | 65 | [redacted] | 121 |
| 120B | 0 | | 65 |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

TOTAL RIG HOURS WORKED 8.0

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 105 | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 20 | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-503
OPERATOR: Ignacio Gutierrez
RIG HAND: Javier Rios RIG HAND: Juan Alvarez

# DAILY TOUR REPORT

WDC JOB #: 2BN G01 LOCATION: Boeing of Torrance RIG #: 144 DATE: 2/7/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | 2 | travel |
| 7:00 | 7:30 | .5 | safety meeting |
| 7:30 | 12:00 | 4.5 | Drill from 0-65' to 102' set 2" well sanding well & surge |
| | | | for 15 minutes then chipet need to wait for 30 minutes for |
| | | | pellets to hydrated ~~pull augers out~~ Grouted with portland |
| | | | cement using tremie pipe & pulling 10' of auger at time |
| 12:00 | 12:30 | .5 | Stand By waiting for client to see were we seting up |
| 12:30 | 5:30 | 5 | move to new well location & set up Drill from 0-102' set |
| | | | 2" well sanding well & surge for 15 minutes then put pellets |
| | | | wait 30 minutes for pellets to hydrated Grouted with |
| | | | portland cement using tremie pipe & pull 10' of augers at time |
| 5:30 | 6:30 | 1 | Help nacho to mix portland his wallet was broken |
| | | | & set up for next day well |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 18 / |
| Bentonite Pellets | Bucket/Feet | 4 / |
| Cement | Sack/Foot | 28 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | 4 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2X2" |
| Slip Cap | Each | 2X2" |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | 7:00 | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | .5 | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | 5:00 | |
| Shaker | 250 Hrs. | | 9.5 | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | 7:00 | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | .5 | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

1 Hour waiting for pellets to hydrated & 1/2 Hour for client to see were will be seting up for next well

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW113B | 65 | 105' | 40 ~~65~~ |
| AW022B | 0 | 105' | 105' |
| | | | |
| | | | |
| | | | |
| | | Total | 145' |

## COMMENTS

First well was allready Drill to 65' from last saturday second well Drill from 0-105'

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 150' | Per Diem | Prsn Day | 3 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 60' | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-503
OPERATOR: Jorge SIGNATURE
RIG HAND: Quintin RIG HAND: Jesus

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Tarrance RIG #: 147 DATE: 2/7/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | | TRAVEL |
| 7:00 | 7:30 | 30 | SAFETY MEETING |
| | | | SET UP |
| | | | DRILL FROM 65 TO 102 |
| | | | install injection Ground water well To 10 |
| | | 15 | SURGE |
| | | 30 | SET Seal |
| | | | GROUTING TRU Trimiepipe in Pull Augers out |
| | | | MOVES & SET UP |
| | | | DRILL to 102 install injection water well |
| | | 15 | SURGE |
| | | 30 | SET Seal |
| 4:30 | 6:30 | | GROUTING TRU Trimie pipe in Pull Augers out |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 16 / |
| Bentonite Pellets | Bucket/Feet | 4 / |
| Cement | Sack/Foot | 32 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | 4 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2 |
| Slip Cap | Each | 2 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

AW 170B

| Hole # | From | To | Total |
|---|---|---|---|
| ~~AW113B~~ | 65 | 102 | 144 |
| AW168LB | 0 | 102 | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | 150 | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | 40 | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 78882-503
OPERATOR: Ignacio Gallo 1187
RIG HAND: Javier R RIG HAND: Juan Alvarez

# DAILY TOUR REPORT

WDC JOB #: 2B0E01 LOCATION: BOING RIG #: 148 DATE: 021080S

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | 2:00 | Drive to site |
| 7:00 | 8:00 | 1.00 | H&S and STOP meeting |
| 8:00 | | | Set up and drill to 104' set well sand to 69' surge for 15' min well bridge pull out and set well again drill to 105 set well, sand to 68 surge 15 min set seal to 65 wait 30 min trime portland from bottom up pull out and clean up |
| | 4:30 | 8:30 | |
| 4:30 | 6:30 | | Drive to Shop |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 10 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | 3 / |
| Cement | Sack/Foot | 15 / |
| Bentonite Powder | Sack/Foot | 1 / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 1 |
| Slip Cap | Each | 1 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW114B | ~~KOT~~ | 102 | |

## COMMENTS

sand at 67 wanted at 68-69 so asked to pull well out

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 75 | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 30 | | | |

CLIENT REP: SIGNATURE
CLIENT JOB #: 2B802.1503
OPERATOR: SIGNATURE
RIG HAND: MARWAN RIG HAND: VICTOR

# DAILY TOUR REPORT

WDC JOB #: 2BN 601 LOCATION: Boeing of Torrance RIG #: 149 DATE: 2-18-05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | .5 | safety meeting |
| 7:30 | 12:00 | 4.5 | Drill from 0-102' with 8" augers set 2" well at 102' |
| | | | sanding well then surge for 15 minutes then put pellets |
| | | | wait for 30 minutes to hydrated then grouted with |
| | | | portland cement using tremie pipe pull augers out 10' at time |
| 12:00 | 1:00 | 1 | cleanup move to next well location empty hopper |
| 1:00 | 5:00 | 4 | set up & drill from 0-103' set 2" well sanding well |
| | | | then surge well for 15 minutes then put chips & hydrated for 30 |
| | | | minutes leave augers in the ground for next day to grouted |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 18 / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement | Sack/Foot | 13 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 3 / |
| Volclay Grout | Sack/Foot | 2 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2X2" |
| Slip Cap | Each | 2X2" |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW0122B | 0 | 105' | 105' |
| AW 124 B | 0 | 105' | 105' |

## COMMENTS

Both Well are 3' About Ground Surface

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 150' | Per Diem | Prsn Day | 3 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 60' | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #: 20882-503

OPERATOR: Jorge SIGNATURE

RIG HAND: Quintin RIG HAND: Jesus

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Tarrance RIG #: 147 DATE: 2/8/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | | | START TIME |
| 7:00 | 7:30 | | SAFETY MEETING |
| 7:30 | 8:00 | | SET UP |
| 8:00 | 10:00 | | DRILL FROM 0 TO 102 FT. |
| 10:00 | 10:30 | | INSTALL WELL AT 102 FT. |
| 10:30 | 11:30 | | SURGE WELL AND SET SEAL WITH CHIPS |
| 11:30 | 12:30 | | GROUT THROUGH TRIMING PIPE. |
| 12:30 | 1:00 | | MOBE AND SET UP ON NEXT WELL |
| 1:00 | 2:30 | | DRILL FROM 0 FT. TO 92 FT. |
| 2:30 | 3:30 | | INSTALL WELL AT 92 FT |
| 3:30 | 4:15 | | SURGE WELL AND SET SEAL |
| 4:15 | 5:00 | | LEAVE WELL READY TO GROUT FOR THE NEXT DAY |
| 5:00 | 5:30 | | CLEAN UP |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 15 / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement Portland | Sack/Foot | 78 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 6 / |
| Volclay Grout | Sack/Foot | 4 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2" - 2 |
| Slip Cap | Each | 2" - 2 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| WOOD | EACH | 2 - 2 |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW106B | 0 | 102 | 102 |
| AW0119UB | 0 | 92 | 92 |
| | | | |
| | | | |
| | | | |
| | | | 194 |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | (PVC) MS SS HDPE | 5 10 (40) 80 | 2" | 150 | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | (PVC) MS SS HDPE | 5 10 (40) 80 | 2" | 50 | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-503
OPERATOR: Ignacio SIGNATURE
RIG HAND: Javier RIG HAND: Juan

# DAILY TOUR REPORT

WDC JOB #: RBNG01 LOCATION: Boeing of Torrance RIG #: 149 DATE: 2/09/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | .5 | Safety meeting |
| 7:30 | 9:00 | 1.5 | Finish Grouting well from DAY Before with portland cement |
| | | | using tremie pipe & pull 10' of augers at time |
| 9:00 | 2:30 | 5.5 | move to next well location & set up Drill from 0-103' |
| | | | sanding well & surge for 15 minutes, then put more sand & chips |
| | | | wait 1/2 hour for chips to hydrated then Grouting well using |
| | | | portland cement & tremie pipe pull augers 10' at time |
| 2:30 | 5:00 | 2.5 | move to next well location & set up. Drill from 0-65' |
| | | | leave auger for next day to finish up Drilling to |
| | | | 102' |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 10 / |
| Bentonite Pellets | Bucket/Feet | 0 / |
| Cement | Sack/Foot | 26 / |
| Bentonite Powder | Sack/Foot | 3 / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | 4 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 1x2" |
| Slip Cap | Each | 1x2" |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | 1 |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW116B | 0 | 105' | 105' |
| AW115B | 0 | 65' | 65' |
| | | | |
| | | | |
| | | | |
| | | total | 170' |

## COMMENTS

Finish Grouting well from day Before & Finish other well From 0-105' then Drill other from 0-65'

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan. |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | 3 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #: 50

OPERATOR: J Daye SIGNATURE

RIG HAND: Quinton RIG HAND: Jesus

# DAILY TOUR REPORT

WDC JOB #: 280201 LOCATION: BOING RIG #: 148 DATE: 02/09/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | 2:00 | Drive to site |
| 7:00 | 7:30 | :30 | H&S and STOP meeting |
| 7:30 | | | Set up and drill to 103' set well |
| | | | at 103' sand'd to 69 surge 15 min set seal |
| | | | w/chips, chips briged in side auger, pull |
| | | | well out go back in w/ 10" augers drill to |
| | | | 110' set well at 107 sand it and |
| | 5:30 | 10:30 | surge 15 min then set seal |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 26 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 1 / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 1 |
| Slip Cap | Each | 1 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW107B | 0 | 110 | 110 |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 80 | Per Diem | Prsn Day | 3 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 30 | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #:

OPERATOR: SIGNATURE

RIG HAND: MARWIN RIG HAND: VICTOR

# DAILY TOUR REPORT

WDC JOB #: 28NGEL LOCATION: TORRANCE RIG #: 147 DATE: 2/9/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | | | START TIME |
| 7:00 | 7:30 | | SAFETY MEETING |
| 7:30 | 9:30 | | FINISH GROUTIN LAST WELL FROM YESTERDAY |
| 9:30 | 11:30 | | DRILL FROM 0 FT TO 93 FT. |
| 11:30 | 12:30 | | INSTALL WELL AT 93 FT. |
| 12:30 | 1:30 | | SURGE WELL AND SET SEAL WITH CHIP |
| 1:30 | 3:00 | | GROUT THROUGH TRIMING PIPE. |
| 3:00 | 3:30 | | MOVE AND SET UPON NEXT WELL |
| 3:30 | 4:30 | | DRILL FROM 0 FT TO 65 FT. |
| 4:30 | 5:00 | | LEAVE WELL FOR TOMORROW. |
| | | | CLEAN UP |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 6 / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | 13 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 3 / |
| Volclay Grout | Sack/Foot | 2 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2" 4 |
| Slip Cap | Each | 2" 1 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| WOODY | | 2" 1 |
| | | |
| | | |
| | | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW127UB | 0 FT | 93 FT | 93 |
| AW119UB | 0 FT | 65 FT | 65 |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | 75 | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | 20 | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-503
OPERATOR: Ignacio Gutierrez SIGNATURE
RIG HAND: Javier Rios RIG HAND: Juan Alvarez

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Bocing of Longue RIG #: 144 DATE: 2/10/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | .5 | Safety Meeting |
| 7:30 | 10:30 | 3 | Finish Drilling Hole from Day Before Drill from 65' to 105' |
| | | | set 2" Well at 103' standing well & surge for 15 minutes |
| | | | then put Chips & Wait for 30 minutes to Hydrated |
| | | | then Grouting with portland Cement Using tremie pipe & pull augers |
| | | | 10' at time & refill Augers with Grout. |
| 10:30 | 3:00 | 4.5 | move to next well location & set up Drill from 0- to 105' set 2" |
| | | | Well at 103' standing well & surge for 15 minutes then put chips |
| | | | & Wait for 30 minutes to Hydrated then Grouted well portland |
| | | | Cement Using tremie pipe & pull 10' of augers at time then refilling |
| | | | with portland |
| 3:00 | 5:30 | 2.5 | set up & next well location Drill from 0- 65' clean up Rig |
| | | | with water & Get materials Ready for next Day to finish well |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 18 / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | 29 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 8 / |
| Volclay Grout | Sack/Foot | 4 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2 12" |
| Slip Cap | Each | 2X2" |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW115B | 65' | 105' | 40' |
| AW109B | 0 | 105' | 105' |
| AW111UB | 0 | 65' | 65' |
| | | | |
| | | | |
| | | | 210' |

## COMMENTS

First Hole was already Drill to 65' need to Drill 40' more to set well

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 160 | Per Diem | Prsn Day | 3 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 060' | | | |

CLIENT REP: SIGNATURE
CLIENT JOB #: —
OPERATOR: Jorge SIGNATURE
RIG HAND: Quintin RIG HAND: Jesus

# DAILY TOUR REPORT

WDC JOB #: 2B0E01 LOCATION: BOING RIG #: 1418 DATE: 02/10/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | .30 | H&S and STOP meeting |
| 7:30 | | | Grout hole w/tremie pipe to top |
| | | | of auger pull out and clean up. |
| | | | Move to second location, set up |
| | | | and drill to 95' set well at 93' |
| | | | sand it 71' surge for 15 min set seal |
| | | | to 64' hydrate and wait 15 min for each seal |
| | | | of chips tremie the portland cement to top |
| | | | of auger pull out 10' at the time and clean |
| | | | Move to third location set up |
| | 5:30 | 10:00 | and drill to 65', put plastic around holes |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | 27 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 3 / |
| Volclay Grout | Sack/Foot | 2 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 1 |
| Slip Cap | Each | 1 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | 9 |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW102UB | 0 | 95 | 95 |
| AW078UB | 0 | 65 | 65 |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | | Per Diem | Prsn Day | 3 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | | | | |

CLIENT REP: SIGNATURE
CLIENT JOB #: 18882-503
OPERATOR: SIGNATURE
RIG HAND: MARWAN RIG HAND: VICTOR

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Tarrance RIG #: 147 DATE: 2/10/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | | | start time |
| 7:00 | 7:30 | | SAFETY MEETING |
| | | | DRILL FROM 65 F.T. TO 103 F.T. |
| | | | install injection water well to 103 F.T |
| | | | SURGE SET seal |
| | | | GROUTING THRU TRIMIE |
| | | | MOVE TO NEXT WELL |
| | | | DRILL FROM 0 FT. TO 94 FT. |
| | | | INSTALL WELL AT 94 FT. SURGE AND SET SEAL |
| | | | GROUT THROUGH TRIMIE PIPE |
| | | | MOVE TO NEXT WELL |
| | | | DRILL FROM 0 TO 65 FT. |
| | 5:30 | | LEAVE WELL TO DRILL THE NEXT DAY. |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 15 / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | 28 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 6 / |
| Volclay Grout | Sack/Foot | 4 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2" - 2 |
| Slip Cap | Each | 2" - 2 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| WOOD | | 2" - 2 |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW126B | 65 | 103 | ~~103~~ |
| AW117UB | 0 | 94 | 94 |
| AW108B | 0 | 65 | 65 |
| | | | 65 |
| | | | |
| | | | 197 |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | (PVC) MS SS HDPE | 5 10 (40) 80 | 2" | 150 | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | (PVC) MS SS HDPE | 5 10 (40) 80 | 2" | 50 | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-503
OPERATOR: Ignacio Gutierrez
RIG HAND: [illegible] RIG HAND: Juan Alvarez

# DAILY TOUR REPORT

10

WDC JOB #: LOCATION: L.A. RIG #: 141 DATE: 2/4/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 5:30 | .5 | Shop |
| 5:30 | 7:00 | 1.5 | Travel |
| 7:00 | — | | Safety meeting |
| — | 8:00 | 1.0 | Rig set-up |
| 8:00 | — | | drill to 107'ft. set. |
| — | 11:30 | 3.5 | 2" well At 103'ft Sand surge seal |
| 11:30 | 12:00 | | wait for seal |
| 12:00 | 1:30 | 1.5 | grout w/portland |
| 1:30 | 2:00 | .5 | lunch fill water tank |
| 2:00 | > | | Rig set-up drill to 97'ft. |
| < | 5:00 | 3.0 | set 2" well At 95'ft Sand seal/surge |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand 4# | Sack/Foot | 20 / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement — | Sack/Foot | 14 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout — | Sack/Foot | 2 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW 896 | 0 | 107 | |
| AW 906 | 0 | 497 | |
| | | | 20/ft |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | 1 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: SIGNATURE
CLIENT JOB #: 23882-503
OPERATOR: Paul A SIGNATURE
RIG HAND: Ed RIG HAND: Richard

# DAILY TOUR REPORT

WDC JOB #: BOEOC1 LOCATION: BOING RIG #: 148 DATE: 02/11/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | .30 | H&S and STOP meeting |
| 7:30 | 9:30 | 1.30 | STAND BY (DECIDED IF WORKING OR NOT) |
| 9:30 | | | Move trucks of site and |
| | | | Pull plastic off steam tires, of RIG |
| | | | Support truck and decon trailer cleanup |
| | 1:00 | 3:30 | street |
| 1:00 | 3:00 | 2:00 | DRIVE TO SHOP |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882 - 503
OPERATOR: SIGNATURE
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Boeing of Torrance RIG #: 149 DATE: 2/11/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | .5 | Safety meeting |
| 7:30 | 9:00 | 1.5 | Stand By Waiting for A Call to see If we Doulling |
| | | | today or not site was flored And STILL Raining |
| | | | CAN Not Move Equipment |
| | | | |
| 9:00 | 1:00 | 3 | Move Equipment Out OF Job site & Deconed |
| | | | All Rigs & truck OF mud |
| | | | |
| | | | |
| | | | |
| | | | |
| 1:00 | 3:00 | 2 | travel |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-503
OPERATOR: SIGNATURE
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

11 PBS

WDC JOB #: LOCATION: L.14 RIG #: 141 DATE: 2/12/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | | | on site |
| 7:00 | | | Stand-By |
| | | | Very muddy site hard to |
| | 10:00 | 3.0 | walk |
| 10:00 | 11:30 | 1.5 | grout w/ portland cement |
| 11:30 | | | decon rig after moving |
| | 1:00 | 1.5 | thru muddy site |
| | | | |
| | | | Travel Back |
| | | | |
| | | | |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | 13 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | 2 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #: 28882-503

OPERATOR: SIGNATURE

RIG HAND: Ted RIG HAND: Richard

# DAILY TOUR REPORT

WDC JOB #: 28N601 LOCATION: Torrance CA RIG #: 147 DATE: 2/11/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | 0.5 | health and safety meeting |
| 7:30 | 9:00 | 1.5 | standby |
| 9:00 | | | move of the drill rigs and chase trucks |
| | | | out of the site, dicon of the trucks |
| | 1:00 | | and the equipment |
| 1:00 | 3:00 | | travel to the yard at Montclair CA. |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-503
OPERATOR: Ignacio Gutierrez
RIG HAND: Javier Rios RIG HAND: Juan Alvarez

# DAILY TOUR REPORT

Wed

WDC JOB #: 2BN601 LOCATION: Boeing RIG #: 145 DATE: 3 12 105

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 5:30 | .5 | Shop |
| 5:30 | 7:00 | 1.5 | Travel to site |
| | | | |
| 7:00 | | | Drill 0- 105 & install well at 103 30' screen |
| | | | move drill 70'- 93' & install 2" well move drill |
| | | | 0- 93' & install 2" well |
| | | | |
| | 5:00 | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 28 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | 3 / |
| Cement | Sack/Foot | 36 / |
| Bentonite Powder | Sack/Foot | 3 / |
| Bentonite Chips | Sack/Foot | 3 / |
| Volclay Grout | Sack/Foot | 3 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 3 |
| Slip Cap | Each | 3 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | 1 |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW 353 | 0 | 103 | 103 |
| AW-914B | 70' | 93 | 93 |
| AW 57B | 0 | 93 | 93 |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 (40) 80 | 2" | 225 | Per Diem | Prsn Day | 3 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | 70 | | | |

CLIENT REP: [signature] SIGNATURE

CLIENT JOB #: 28882-505

OPERATOR: Allen Houston

RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: LOCATION: Hawthorne RIG #: 144 DATE: 3/2/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 600 | 1015 | | Travel |
| 1015 | 1130 | | Fill water, Set up |
| 1130 | 430 | | Drill to 95 feet try to installed 2 inch well |
| | | | Well Bore, Pull out. Drill Back to 65 ft |
| 430 | 500 | | Get stuff Ready for Next day |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 7 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 2 / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW80UB | 0 | 65 | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-505
OPERATOR: SIGNATURE
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: LOCATION: Hawthorne RIG #: 144 DATE: 3/3/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 800 | 1145 | | Drill Back Down to 97 FT Install 2 INCH Well |
| 1145 | 230 | | Move over & Drill to 65 FT Clean Up & Pick Up stock Pills. |
| 230 | 530 | | Travell |
| | | | AW79UB well & ~~WB~~ |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 6 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 2 / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 1 |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW79UB | 0 | 95 | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan. |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 (75) | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 (20) | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-505
OPERATOR: Gilbert SIGNATURE
RIG HAND: RIG HAND: [signature]

# DAILY TOUR REPORT

WDC JOB #: BNG01 LOCATION: Boeing RIG #: 145 DATE: 3 13 1

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | | | pull auger grout hole move Drill 0-93' |
| | | | install well & grout |
| | | | |
| | 12:00 | 5.0 | |
| | | | |
| | | | |
| 12:00 | 4:00 | | pull stuck auger install 4" well at |
| | | | Seal Beach |
| 4:00 | 5:00 | | Travel Back to Boeing |
| | | | |
| | | | |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 8 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | 1 / |
| Cement | Sack/Foot | 12 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 1 / |
| Volclay Grout | Sack/Foot | 1 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 1 |
| Slip Cap | Each | 1 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW SBUG | 0 | 93 | 93 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 75' | | Per Diem | Prsn Day | 3 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 20' | | | | |

CLIENT REP: SIGNATURE
CLIENT JOB #: 28882.505
OPERATOR: Steven Hunter
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

Friday

WDC JOB #: BN601 LOCATION: Boeing RIG #: 145 DATE: 3/1/1

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | | | Drill 0-93' install 2" well pull auger + grout |
| | | | move drill 0-103 install 2" well move drill 0-70' |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | 5:00 | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 70 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement | Sack/Foot | 24 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 2 / |
| Volclay Grout | Sack/Foot | 2 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2 |
| Slip Cap | Each | 2 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | 145 | 63372 | 63561 |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | 145 | 6219 | 6548 |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | 445 | 123 | 195.8 |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW69GB | 0 | 93 | |
| AW36B | 0 | 103 | |
| | 0 | 70 | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | 150 | Per Diem | Prsn Day | 3 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | 50 | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #: 28892-505

OPERATOR: SIGNATURE

RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: LOCATION: L.A RIG #: 141 DATE: 3 / 4 / 05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 5:30 | .5 | SHOP |
| 5:30 | 7:00 | 1.5 | TRAVEL |
| 7:00 | 7:30 | .5 | Safety meeting Rig set-up |
| 7:30 | 9:00 | 1.5 | cont. drill 8" boring from 65'ft - 95'ft |
| 9:30 | 10:30 | 1.0 | set 2" well sand seal set 2" well at 93'ft 20'ft screen |
| 10:30 | 12:00 | 1.5 | grout w/portland cement. |
| | | | pump kept getting clogged up. |
| 12:00 | 12:30 | .5 | move + set up |
| 12:30 | 1:00 | | drill 8" boring to 90'ft. |
| 1:00 | 1:30 | .5 | lunch |
| 1:30 | 3:30 | 1.0 | drill 40'ft to 95'ft |
| 3:30 | 3:30 | 1.0 | set 4" w sand seal 93'ft 20'ft screen |
| 3:30 | 5:00 | 1.5 | grout. clean up |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | 20 / |
| Bentonite Pellets | Bucket/Feet | 241 / |
| Cement | Sack/Foot | 26 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2 |
| Slip Cap | Each | 2 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | 141 | 1837 | 2281 |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | 241 | 17750 | 20036 |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | 241 | 258 | 258' |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| MW06 | 65 | 95' | 30 |
| MW6P06 | 0 | 95' | 95 |
| | | | |
| | | | 125 |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | 2 |
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 140 | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 40'ft | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-505
OPERATOR: Paul A SIGNATURE
RIG HAND: Ed RIG HAND: Richard

# DAILY TOUR REPORT

WDC JOB #: LOCATION: LA. RIG #: 1411 DATE: 3/5/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:30 | | On site |
| 7:30 | 7:30 | .5 | Safety meeting |
| 7:30 | 8:30 | 1.0 | Fill water tank Rig set up |
| 8:30 | 10:00 | 1.5 | drill 8" Boring to 103'ft set 2" at 99'ft 30'ft screen |
| 10:00 | 11:00 | 1.25 | set 2" well 30'ft screen sand surge |
| 11:00 | 11:30 | .25 | seal seal for grout |
| 11:30 | 12:30 | 1.0 | grout |
| 12:30 | 1:00 | .5 | move set up |
| 1:00 | 1:30 | | Lunch |
| 1:30 | 2:30 | 1.0 | drill 8" Boring to 65'ft |
| 2:30 | 4:30 | | clean up site clean rig |
| 4:30 | | | Travel |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand #3 | Sack/Foot | 11 / |
| Bentonite Pellets | Bucket/Feet | 3 / |
| Cement | Sack/Foot | 12 / |
| Bentonite Powder | Sack/Foot | 3 / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 1 |
| Slip Cap | Each | 1 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW975 | 0 | 103'ft | |
| HW4705 | 0 | 65 | |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan. |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 7'ft | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 30'ft | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #: 28882-505

OPERATOR: SIGNATURE

RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: BN601 LOCATION: Boeing RIG #: 149 DATE: 3/15/

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| | | | |
| 7:00 | | | Set up drill 70'-93' install 2" well |
| | | | move Set up Drill 0-93' install 2" well |
| | | | Cleanup site + street |
| | | | |
| | | | |
| | 5:00 | | |
| 5:00 | | | Travel to Shop |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 16 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 2 / |
| Volclay Grout | Sack/Foot | 2 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2 |
| Slip Cap | Each | 2 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AWD 11/4 | 70 | 93' | 93' |
| AWD 11/24 | 0 | 103' | 103 |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 150 | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 40 | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-505
OPERATOR: Jorge Gudirrez
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: BNG01 LOCATION: Boeing RIG #: 147 DATE: 3 15 1

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | | | setup drill 0-93' install 2" well pull out Backfill |
| | | | portland cement move drill 0-103' install 2" well |
| | | | pull out grout portland cement |
| | | | |
| | 5:00 | | |
| | | | |
| 5:00 | | | Travel to shop |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 20 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 2 / |
| Volclay Grout | Sack/Foot | 2 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2 |
| Slip Cap | Each | 2 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | 24 |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW09906 | 0 | 93' | 93 |
| AW0100B | 0 | 103 | 103 |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 150 | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 50' | | | |

CLIENT REP: SIGNATURE
CLIENT JOB #: 28882-505
OPERATOR: SIGNATURE
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

Sat

WDC JOB #: DN 601 LOCATION: Boring RIG #: 145 DATE: 3 15 1

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| | | | |
| 7:00 | | | Drill 70-93' install 2" well Drill 0-103' install |
| | | | 2" well |
| | | | Drill 0-65' clean up Trash |
| | | | |
| | 4:00 | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 20 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 2 / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2 |
| Slip Cap | Each | 2 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| | | |
| | | |
| | | |
| | | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW-48ub | 70 | 93 | 93 |
| AW-110B | 0 | 103 | 103 |
| AW-24ub | 0 | 65 | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | / |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [illegible]
CLIENT JOB #: 28882-505
OPERATOR: [illegible]
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: 2BAG01 LOCATION: Boring RIG #: 145 DATE: 3/7/

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | 2.0 | Travel |
| | | | |
| 7:00 | | | Drill 65'-93' install 2" well backfill portland |
| | | | move pull Pauls auger + grout his hole |
| | | | move Drill 0-103' install 2" well pull out + grout |
| | | | |
| | 5:00 | | |
| | | | |
| | | | |
| | | | AW 39 UB |
| | | | AW 38 B |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | 20 / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | 2 / |
| Cement | Sack/Foot | 24 / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | 2 / |
| Volclay Grout | Sack/Foot | 4 / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | 2 |
| Slip Cap | Each | 2 |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW39UB | 65 | 93 | |
| AW-38B | 0 | 103 | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 150 | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | 50 | | | |

CLIENT REP: SIGNATURE
CLIENT JOB #: 28883-505
OPERATOR:
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: 26MC-01 LOCATION: Lw RIG #: 141 DATE: 3/7/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 5:30 | .5 | Shop |
| 5:30 | 7:00 | 1.5 | Travel |
| 7:00 | — | | Cont. drilling 65'ft. - 105ft |
| — | 8:30 | 1.5 | |
| 8:30 | 10:00 | 1.5 | Set 2" well sand surge seal |
| 10:00 | 10:30 | .5 | clean up move & set up |
| 10:30 | | | development. |
| | 1:00 | 2.5 | 4 well ~~start~~ |
| 1:00 | 1:30 | | Lunch |
| 1:30 | 4:00 | 2.5 | cont. development. |
| 4:00 | 5:30 | 1.5 | Clean up load |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand 7# | Sack/Foot | 11 / |
| Bentonite Pellets — | Bucket/Feet | 2 / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | 1 |
| Expansion Plug | Each | 1 |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| AW476 | 65 | 105 | |
| | | | 40 |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan. |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | 2" | 7 ft | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | 2" | 30' | | | |

CLIENT REP: SIGNATURE
CLIENT JOB #: 29982-505
OPERATOR: SIGNATURE
RIG HAND: Ed RIG HAND: Mike

# DAILY TOUR REPORT

WDC JOB #: 2RNG01 LOCATION: Torrance RIG #: 110-5 DATE: 3 / 7 / 05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 8:00 | 9:00 | 1 | Loaded 500 gallon poly tank. Filled tank with water |
| 9:00 | 9:15 | .25 | Set up on well # well had been damaged by construction crew. |
| 9:15 | 10:15 | 1 | Bailed gravel from well. Surged and bailed. Injected water at 10 g.p.m. |
| 10:15 | 10:45 | .5 | Waited for backhoe to move soil. Set up on well # well had been damaged by [redacted] construction crew. |
| 10:45 | 11:30 | .75 | Bailed and surged well. |
| 11:30 | 12:00 | .5 | Started injection test. Well overflowed - stopped pump. |
| 12:00 | 12:30 | .5 | Waited for water to drop in well |
| 12:30 | 1:00 | .5 | Lunch |
| 1:00 | 1:30 | .5 | Waited for water to drop |
| 1:30 | 5:00 | 3.5 | Brushed screen. Surged screen and bailed. Injected water at 2.5 gpm |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

Redeveloped two wells that had been hit by construction crew

## TOTAL RIG HOURS WORKED

X.5

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #: 28082-505

OPERATOR: SIGNATURE

RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: BNG01 LOCATION: Torrance RIG #: 147 DATE: 3/8/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | | TRAVEL |
| 7:00 | 7:15 | | SAFETY MEETING |
| 7:15 | 7:30 | | SET UP |
| | | | WELL DEVELOPMENT + SURGE |
| | | | MOVES + SET UP |
| | 5:00 | | TOTAL WELL 7 2" |
| 5:00 | | | CLEAN UP |
| | | | |
| | | | |
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| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| | | |
| | | |
| | | |
| | | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE

CLIENT JOB #: 28982-505

OPERATOR: Ignacio SIGNATURE

RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: 2BN601 LOCATION: Torrance RIG #: 110-5 DATE: 3/8/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 9:00 | 2 | Bailed and surged two wells |
| 9:00 | 11:00 | 2 | Injected two wells that had previously developed |
| 11:00 | 1:30 | 2.5 | Bailed and surged two wells |
| 1:30 | 2:00 | .5 | Lunch |
| 2:00 | 5:30 | 3.5 | Bailed and surged three wells. |
| | | | |
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## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| | | |
| | | |
| | | |
| | | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

2 Hrs Redeveloped two wells that had been hit by construction crew

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
| | | | |
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## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 23882-505
OPERATOR: [signature] SIGNATURE
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Torrance RIG #: 110-5 DATE: 5/19/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 7:45 | .75 | Set up water truck to water inject wells |
| 7:45 | 12:00 | 4.25 | Water injected 9 wells |
| 12:00 | 12:30 | .5 | Lunch |
| 12:30 | 5:15 | 4.75 | Water injected 9 wells |
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## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| | | |
| | | |
| | | |
| | | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
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| | | | |
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## COMMENTS

TOTAL RIG HOURS WORKED 9.75

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-505
OPERATOR: [signature]
RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: 2 [illegible] 101 LOCATION: Boeing Torrance RIG #: 249 DATE: 3 / 9 / 05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | 2 | travel |
| 7:00 | 4:30 | 9.5 | Cleaned site empty Drums Labor Pick up trash plastic under piles of dirt Shovel All Dirt into Hopper & load truck |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 4:30 | 6:30 | 2.80 | travel |
| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |

## COMMENTS

Not Drilling Yes Labor

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-505
OPERATOR: [signature] SIGNATURE
RIG HAND: [signature] RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: BNGOI LOCATION: Torrance RIG #: 147 DATE: 3 19 05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | | | START TIME |
| 7:00 | 7:15 | | SAFETY meeting |
| 7:15 | 7:30 | | SET UP |
| | | | DEVELOPMENT & SURGE |
| | | | 7 2" WELL |
| 5:00 | 5:30 | | CLEAN UP |
| 5:30 | 7:30 | | TRAVEL |
| | | | |
| | | | |
| | | | |
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| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| | | |
| | | |
| | | |
| | | |

## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
| | |
| | |
| | |

## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #: 28887-565

OPERATOR: Ignacio GUTIERREZ

RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: BNGel LOCATION: Torrance RIG #: 147 DATE: 3/10/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 5:00 | 7:00 | | TRAVEL |
| 7:00 | 7:15 | | SAFETY MEETING |
| 7:15 | 7:30 | | SET UP |
| | | | WELL DEVELOPMENT & SURGE |
| | | | 2" #6 WELL |
| | | | CLEAN UP |
| 3:30 | 5:30 | | TRAVEL |
| | | | |
| | | | |
| | | | |
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| | | | |
| | | | |

## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
| | | |
| | | |
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## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes

First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels

Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves

Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses

Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls

Emergency Triangles Fire Extinguishers MSDS Book Safety Manual

Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump

Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
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## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
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## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: SIGNATURE

CLIENT JOB #: 28882-505

OPERATOR: Ignacio SIGNATURE Gutierrez

RIG HAND: RIG HAND:

# DAILY TOUR REPORT

WDC JOB #: 2BNG01 LOCATION: Torrance RIG #: 116-5 DATE: 3/16/05

| FROM | TO | TOTAL | DESCRIPTION OF ACTIVITIES |
|---|---|---|---|
| 7:00 | 12:00 | 5 | Injected 8 wells |
| 12:00 | 12:30 | .5 | Lunch |
| 12:30 | 4:00 | 3.5 | Injected 6 wells |
| 4:00 | 5:30 | 1.5 | Pumped off water and deconed |
| 5:30 | 7:00 | 1.5 | Mob |
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## MATERIALS

Record Materials Provided by WDC Exploration & Wells

| Item | Unit | Quantity |
|---|---|---|
| Gravel Pack Sand | Sack/Foot | / |
| Transition Sand | Sack/Foot | / |
| Bentonite Pellets | Bucket/Feet | / |
| Cement | Sack/Foot | / |
| Bentonite Powder | Sack/Foot | / |
| Bentonite Chips | Sack/Foot | / |
| Volclay Grout | Sack/Foot | / |
| Sand Grout | Yard/Foot | / |
| Enhanced Grout | Sack/Foot | / |
| Centralizers | Each | |
| Threaded Cap | Each | |
| Slip Cap | Each | |
| Expansion Plug | Each | |
| _____" Monument | Each | |
| _____" Flush Cover | Each | |
| Asphalt | Sack | |
| Concrete | Sack | |
| Rapid Set Grout | Sack | |
| Lock | Each | |
| PVC Gloves | Pair | |
| Tyvek Suits | Each | |
| Sample Liners | Each | |
| Core Boxes | Each | |
| Drums | Each | |
| Visqueen | Roll | |
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## EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

| Description | Srvc Int. | Equip. # | Last Service | Hours/Miles |
|---|---|---|---|---|
| Carrier Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Deck Engine | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Rig Tender | 10000 Mls | | | |
| Support Truck | 5000 Mls. | | | |
| Forklift | 250 Hrs. | | | |
| Forklift | 250 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Compressor | Fltr 250 Hrs. Oil 1000 Hrs. | | | |
| Shaker | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Mud Pump | 250 Hrs. | | | |
| Generator | 250 Hrs. | | | |
| Welder/Gen. | 100 Hrs. | | | |
| Steamcleaner | 100 Hrs. | | | |

## SAFETY & MECHANICAL INSPECTION

Circle Item(s) in Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns Relief Valves
Discharge Hoses Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

| Equip. # | Action Needed ( ) Check If None |
|---|---|
| | |
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## EXPLANATION OF STANDBY

CLIENT SIGNATURE

## RECORD OF INJURY/ACCIDENT/NEAR MISS

## DAILY SAFETY TOPIC

## DAYS W/O LOST TIME IN 2004

## DRILLING STATISTICS

| Hole # | From | To | Total |
|---|---|---|---|
| | | | |
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## COMMENTS

## TOTAL RIG HOURS WORKED

| Casing | Type | Schedule | Diameter | Feet | Misc. | Unit | Quan: |
|---|---|---|---|---|---|---|---|
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Per Diem | Prsn Day | |
| Blank | PVC MS SS HDPE | 5 10 40 80 | | | Level C | Prsn Day | |
| Screen | PVC MS SS HDPE | 5 10 40 80 | | | | | |

CLIENT REP: [signature] SIGNATURE
CLIENT JOB #: 28882-505
OPERATOR: [signature] SIGNATURE
RIG HAND: RIG HAND:

# Attachment G

# Well Development Records

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AWS
Project Location: 1451 1/2 Knox St., LA, CA
Project Number: 28882-505

Well Number: AW0022B
Weather: Cloudy & Breezy
Date: 3/1/05
Page 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): See Below 102.3'
Static Water Level (DTW): ↓ 66.95' bgs
Standing Water Column (WC): NA
(TD - DTW): ↓

Casing Diameter (inches): 2
Screen Length (feet): 30 (72 - 102')
Borehole Diameter (inches): 8
Date Installed: 2/8/05

## Well Purging Data

Purge Method: Bail/Surge/Bail
Well Volume (gallons): NA
CD* (2" - 0.163, 2.5" - 0.255, 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged: ↓
Total Gallons to be Purged: ↓

(gpm): NA
Pump Description: ↓
Drilling Company: WDC

## Surging and Bailing

Start Time: See Below
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

3/1/05

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1150 | Stickup = 3.0 | | | | | |
| | DTW : | 69.95 | - 3.0 = 66.95 bgs | | | |
| | TD Before Bailing : 93.8 - 3.0 = 90.8 bgs | | | | | |
| | | | | | | |
| 1630 | Bail Sediment | | 7 Gal | ~4" sand in 5 gallon bucket | | |
| 1645 | Surge 15 min | | | | | |
| 1700 | Bail Sediment | | 7 Gal | ~3" sand | | |
| | | | | | | |
| 1715 | DTW : | 71.0 - 3.0 = 68.0 bgs | | | | |
| | TD : | 105.3 - 3.0 = 102.3 bgs | | | | |
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[signature] 3/3/05

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH 3 AWS
Project Location: 1451 N KNOX ST LA, CA
Project Number: 28882-505

Well Number: AW00ZZC
Weather: CLOUDY & BREEZY 60°
Date: TU 3/1/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): SEE BELOW 121.7'
Static Water Level (DTW): ~68' bgs.
Standing Water Column (WC): NA
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 20 (101.5 - 121.5)
Borehole Diameter (inches): 8
Date Installed: SA 2/5/05

## Well Purging Data

Purge Method: BAIL / SURGE / BAIL
Well Volume (gallons): NA
CD* (2" - 0.163, 2.5" - 0.255, 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 3/1/05 1:45 | STICKUP | 3.4' | | | | |
| | DTW : | 71.4 - 3.4 = 68' bgs | | | | |
| | TD BEFORE BAILING | = 121.0 - 3.4 = 117.6' bgs | | | | |
| | | | | | | |
| 1515 | BAILING | SEDIMENT | ~7 GAL $H_2O$ | ~ 3" SAND | | |
| 1530 | SURGE | 15 min | | | | |
| 1545 | BAIL | SEDIMENT | ~7 GAL $H_2O$ | ~ 3" SAND | | |
| 1615 | DTW : | 71.5 - 3.4 = 68.1' BGS | | | | |
| | TD : | 125.1 - 3.4 = 121.7 BGS | | | | |

3/3/05

Haley & Aldrich, Inc.
Borehole log Well Dev WII Forms xls

August 2004

HALEY & ALDRICH

# Well Development Record

Project Name C-6 PH3
Project Location 1451 Knox St., LA, CA
Project Number 28882-505

Well Number AW00358
Weather Sunny
Date 3/8/05
Page 1 of

## Water Level Data (from top of casing)

Total Well Depth (TD) 98.00
Static Water Level (DTW) 68.58
Standing Water Column (WC)
(TD - DTW)

Casing Diameter (inches) 2"
Screen Length (feet)
Borehole Diameter (inches)
Date Installed

## Well Purging Data

Purge Method bail/surge/bail
Well Volume (gallons) NA
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm) NA
Pump Description
Drilling Company WDC

## Surging and Bailing

| Start Time | Finish Time | Comments |
|---|---|---|
| 1125 | 1150 | 7 gal |
| 1150 | 1200 | Surging |
| 1202 | 1220 | 5 gal |
| | | |

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| | Note: | TD (after developing) = 104.57' | | | | |
| | | DTW = 68.70' | | | | |

Haley & Aldrich, Inc.
Borehole log Well Dev WIT Forms.xls

August 2004

HALEY & ALDRICH

# Well Development Record

Project Name C-6 PH3
Project Location 1451 Knox St., LA, CA
Project Number 28882-505

Well Number AW0036B
Weather Sunny & hot
Date 3/8/05
Page 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD) 100.70'
Static Water Level (DTW) 70.37'
Standing Water Column (WC) (TD - DTW)

Casing Diameter (inches) 2"
Screen Length (feet)
Borehole Diameter (inches)
Date Installed

## Well Purging Data

Purge Method bail/surge/bail
Well Volume (gallons) NA
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm) NA
Pump Description
Drilling Company WDC

## Surging and Bailing

Start Time: 1234 Finish Time: 1250 Comments: bailing 8 gal
Start Time: 1250 Finish Time: 1300 Comments: Surging
Start Time: 1300 Finish Time: 1329 Comments: bailing 4 gal (lunch break
Start Time: 1400 Finish Time: 1410 Comments: ½ gal

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1410 | DTW = | | 70.5' | | | |
| | TD = | | 105.57' | | | |
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HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AW's
Project Location: 1451 1/2 Knox ST
Project Number: 28882-505

Well Number: AW0038B
Weather: Clear & Breezy
Date: W 3/9/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 30' (74 - 104')
Borehole Diameter (inches): 8"
Date Installed: M 3/5/05 1530

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:

Drilling Company: NDC

## Surging and Bailing

Start Time: SEE BELOW — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1615 | STICKUP: 3.0' | | DTW (TOC): 71.1' | | | TD (TOC): 104.7' |
| | WAS 6'+ → CUT OFF @ 3' | | | | | |
| 1625 | VERY LITTLE SEDIMENT ~5" | | SURGE SCREEN | | | 30' |
| 1635 | BAILING SEDIMENT ~5 GAL | | | | | |
| 1645 | DTW (TOC): ~~[illegible]~~ 71.5 | | | TD (TOC): | | 105.2' - 3 = 102.2' |
| 1705 | BAIL ~2 GAL +SAND | | | | | |
| | DTW ~~[illegible]~~ 71.5' (TOC) | | TD: 107 (TOC) | | | |

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AW's
Project Location: 1451 Knox ST
Project Number: 28882-505

Well Number: AW0039 UB
Weather: CLEAR & BREEZY
Date: W 3/9/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 20' (73-93')
Borehole Diameter (inches): 8"
Date Installed: M 3/5/05 10:00

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:

Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1520 | STICKUP | | 1.6' | | | |
| | DTW: | | 69.5' (TOC) | | | |
| | TD: | | 93.8' (TOC) | | | |
| 1525 | BAIL SEDIMENT | | ~5 GAL | + 2" SAND | IN BUCKET | |
| 1535 | SURGE | SCREEN | 20' | | | |
| 1550 | BAIL | SEDIMENT | ~5 GAL | 2" SAND | | |
| 1610 | DTW | 70' (TOC) | | | | |
| | TD | 105.3 (TOC) | = OK | | | |
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HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AWs
Project Location: 1451 1/2 KNOX ST
Project Number: 28882-505

Well Number: AW0047B
Weather: FOGGY & CALM 60°
Date: TH 3/10/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 30' (73-103)
Borehole Diameter (inches): 8"
Date Installed: M 3/7/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:

Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 730 | STICKUP: | 1.7' | DTW (TOC): | 69.7' | TD (TOC): | 99.7 |
| 740 | BAIL | SEDIMENT | ~5 GAL | + 3" SAND | IN BUCKET | |
| 755 | SURGE | 30' | WELL SCREEN | | | |
| 805 | BAIL | SEDIMENT | ~5 GAL | + 2" SAND | | |
| 815 | DTW | 70.1 (TOC) | TD | ~~[illegible]~~ | 105.4 TOC | ✓ |
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HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AWs
Project Location: 1451 1/2 KNOX ST
Project Number: 28882-505
Travis Hammond

Well Number: AW00 48UB
Weather: CLEARING FOG & WARM 75°
Date: TU 3/8/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC) (TD - DTW):

Casing Diameter (inches): 2"
Screen Length (feet): 20 (73-93)
Borehole Diameter (inches): 8"
Date Installed: SA 3/15/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company:

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| [illegible] | STICKUP | : 1.4 | | | | |
| | DTW | : 69.8 (TOC) | | | | |
| | TD | : 94.3 (TOC) | | | | |
| 1120 | BAIL SEDIMENT | | ~10 GAL | 2" SAND | IN EACH | 5 GALLON BUCKET |
| 1200 | SURGE | | | | | |
| 1215 | BAIL SEDIMENT | | ~4 GAL | 2" SAND | IN BUCKET | |
| 1230 | DTW: | 70.2 | (TOC) | | | |
| | TD: | 94.7 | (TOC) | =OK | | |
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HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AW's
Project Location: 1451 1/2 KNOX ST
Project Number: 28082 - 505
Travis Hammond

Well Number: AW0057UB
Weather: CLOUDY & CALM 60°
Date: TU 3/8/05
Page: 1 of 1

**Water Level Data (from top of casing)**

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 20 (73-93)
Borehole Diameter (inches): 8"
Date Installed: 3/3/05

**Well Purging Data**

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.265 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company: WSC

**Surging and Bailing**

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

**Pumping Parameters**

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 9:45 | STICKUP | ~2.0 | | | | |
| | DTW | 70.1 | (TOC) | | | |
| | TD | 94 | (TOC) | | | |
| 950 | BAIL | ~7 GAL | — 3" SAND | IN 5 GAL BUCKET | | |
| 1000 | SURGE | | | | | |
| 1005 | BAIL | ~7 GAL | — 2" SAND | IN 5 GAL BUCKET | | |
| 1020 | DTW | 70.3 | (TOC) | | | |
| | TD | 75.4 | (TOC) | = OK | 93.4 bgs | |
| | | | | | | 3/8/05 |

5BUB
1.7
70.2

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AWs
Project Location: 1451 1/2 Knox St
Project Number: 28882-505
Travis Hammond

Well Number: AW0058 UB
Weather: Cloudy & Calm 65°
Date: 3/8/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW): ↓
Standing Water Column (WC): ↓
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 2 (73-93)
Borehole Diameter (inches): 8"
Date Installed: 3/3/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons): ↓
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged: ↓
Total Gallons to be Purged: ↓

(gpm): NA
Pump Description: ↓
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1025 | STICK UP | – | 1.7' | | | |
| | DTW | – | 70.2' | | | |
| | TD | – | 93.0' | | | |
| 1030 | BAIL | SEDIMENT | ~10 GAL | 2" SAND IN 1 GAL BUCKET | | |
| 1045 | SURGE | SCREEN | INTERVAL | | | |
| 11:00 | BAIL | ~ | 7 GAL | SANDY | | |
| 11:10 | DTW: | 70.3 (TOC) | | | | |
| | TD: | 95.4 (TOC) | | 93.7 | bgs | |
| | | | | | | 3/10/05 |

48UB
1-4 94.7
69 G

HALEY & ALDRICH

# Well Development Record

Project Name C-6 PH3
Project Location 1451 ½ Knox St., LA, CA
Project Number 28882-505

Well Number AW0060C
Weather Sunny & hot
Date 3/7/05
Page 1 of

## Water Level Data (from top of casing)

Total Well Depth (TD) 112.0'
Static Water Level (DTW) 61.5'
Standing Water Column (WC) 50.5'
(TD - DTW)

Casing Diameter (inches) 2"
Screen Length (feet) 25'
Borehole Diameter (inches)
Date Installed

## Well Purging Data

Purge Method bail/surge/bail
Well Volume (gallons)
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm) NA
Pump Description
Drilling Company WDC

## Surging and Bailing

Start Time: 1100 Finish Time: 1116 Comments: 5 gal bailed/surging
Start Time: 1128 Finish Time: 1140 Comments: 4.5 gal bailed out
Start Time: 1401 Finish Time: 1411 Comments: 2 gal
Start Time: 1428 Finish Time: 1525 Comments: 3.5" to 4" of sediment

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| | | | | | | another round |
| Comments: injection test failed, bailing and surging was carried out @ 1401. | | | | | | |
| @ 1411, the well screen was brushed to remove any smearing from the site. The process lasted for about 20 min. | | | | | | |

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH 3 AW's
Project Location: 1451 KNOX ST
Project Number: 28882-505

Well Number: AW0068UB
Weather: CLOUDY + BREEZY 60°
Date: TU 3/8/05
Page: 1 of

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 20 (73-93)
Borehole Diameter (inches): 8
Date Installed: F 3/4/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 7:20 | STICKUP | — | 2.5 | | | |
| | DTW | — | 71 (TOC) | | | |
| | TD | — | 92.1 (TOC) | | | |
| 7:25 | BAIL | ~5 GAL | : 2" | SAND IN 5 | GAL | BUCKET |
| 7:40 | SURGE | | | | | |
| 7:50 | BAIL | ~~X~~ 10 GAL WATER | — | 2" SAND IN 5 | GAL | BUCKET |
| | | | | | | |
| BOC | DTW | 71.4 (TOC) | | | | |
| | TD | 95.4 (TOC) | = DIC | 92.9 | bgs | |
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69 UB
1.4
70.1
93.9

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH 3 AW's
Project Location: 1451 KNOX ST
Project Number: 28882-565
Travis Hammond

Well Number: AW0069 UB
Weather: Cloudy 5 cm 60°
Date: TU 3/8/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 20 (73-93)
Borehole Diameter (inches): 8
Date Installed: 3/4/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD" (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:

Drilling Company: WBC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 815 | STICKUP | : 1.4' | | | | |
| | DTW | : 70.1' (TOC) | | | | |
| | TD | : 93.9' (TOC) | | | | |
| 820 | BAIL | ~10 GAL | - 2" SAND IN 5 GAL | | | BUCKET |
| 835 | SURGE | | | | | |
| 850 | BAIL | ~10 GAL | - 2" SAND IN 5 GAL | | | BUCKET |
| | | | | | | |
| 900 | DTW: | 70.6 (TOC) | | | | |
| | TD: | 93.5 (TOC) | - STILL 2' SEDIMENT INSIDE? | | | |
| | | | | | | |
| 930 | BAIL | ~5 GAL | 2" SAND IN 5 GAL BUCKET | | | |
| | | | | | | |
| 940 | DTW | 70.6 (TOC) | | | | |
| | TD | 93.4 (TOC) | ☐ WATCH INJECTION TEST | | | |
| | WE | ARE NOT TAGGING | THE CONSTRUCTED TD OF 75.4' | | | |
| | | | | | | |
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57 UB
20 70.1
94.1

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AWS
Project Location: 1451 KNOX ST
Project Number: 28882-505
Travis Hammond

Well Number: AW0078UB
Weather: CLEAR & BREEZY 70°
Date: M 3/7/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): N/A
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 20' (73-93)
Borehole Diameter (inches): 8"
Date Installed: Th 2/17/05

## Well Purging Data

Purge Method: N/A
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): N/A
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 14:25 | STICKUP: | 1.7 | | | | |
| | DTW: | 72.0 | | | | |
| | TD: | 92.2 | | | | |
| 14:40 | BAIL SEDIMENT | | ~5 GAL | | - SANDY | |
| | | | | | | |
| 1500 | SURGE | | | | | |
| | | | | | | |
| 1515 | BAIL SEDIMENT | | ~5 GAL | - SANDY | | |
| | | | | | | |
| 1530 | | DTW | 71.2 | (TOC) | | |
| | | TD | 95.4 | (TOC) | 93.7' bgs | |
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HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH 3 AW's
Project Location: 1451 KNOX ST
Project Number: 28832 TOC
R. Ramzi

Well Number: AW0079 UB
Weather: CLOUDY + BREEZY 60°
Date: TU 3/8/05
Page: 1 of

## Water Level Data (from top of casing)

Total Well Depth (TD): 87.13'
Static Water Level (DTW): 70.89'
Standing Water Column (WC) (TD - DTW): 16.24'

Casing Diameter (inches): 2"
Screen Length (feet): 20'
Borehole Diameter (inches): 8"
Date Installed: 3/3/05

## Well Purging Data

Purge Method: (gpm)
Well Volume (gallons): Pump Description:
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged:
Total Gallons to be Purged: Drilling Company:

## Surging and Bailing

Start Time: 0720 Finish Time: 0755 Comments: 5 + 4 + 2.5 = 8.5 approx: 4" + = 5" .1 sec
Start Time: 0805 Finish Time: 0810 Comments: 5 gal gal
Start Time: Finish Time: Comments:
Start Time: Finish Time: Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 7:10 | STICKUP - | | | | | |
| | DTW - 70.89 (TOC) | | | | | |
| | TD - 87.13 ✓ | | | | | |
| | | | | | | |
| 0815 | DTW - 71.50' | | | | | |
| | TD - 95.45' ✓ | | | | | |
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PRS 3/10/05

HALEY & ALDRICH

# Well Development Record

Project Name C-6 PH3
Project Location 1451 Knox St, LA, CA
Project Number 28882-505
Ramzi Ramzi

Well Number AW0080 UB
Weather Cloudy & Cool
Date 3/8/05
Page 1 of

## Water Level Data (from top of casing)

Total Well Depth (TD) 92.90'
Static Water Level (DTW) 70.25'
Standing Water Column (WC) (TD - DTW)

Casing Diameter (inches) 2"
Screen Length (feet) 20'
Borehole Diameter (inches) 8"
Date Installed 3/4/05

## Well Purging Data

Purge Method bail/Surg/bail
Well Volume (gallons)
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 5" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged NA

(gpm) NA
Pump Description
Drilling Company WDC

## Surging and Bailing

Start Time: 0819 Finish Time: 0828 Comments: 2 gal (Surge from 0828-0835)
Start Time: 0835 Finish Time: 0850 Comments: 8 gallons (Total)
Start Time: Finish Time: Comments:
Start Time: Finish Time: Comments: (2+6 gal)

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| | Stick up - | | 2' 1" | | | |
| 0850 | TD - 95.4' | | | | | |
| | | | | | | 3/10/05 |

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH 3 AWS
Project Location: 1451 ½ KNOX ST LA CA
Project Number: 28882-505
Travis Hammond

Well Number: AW0088C
Weather: CLOUDY & COOL, BREEZY
Date: TU 3/1/05
Page: 1 of 1

**Water Level Data (from top of casing)**

Total Well Depth (TD): SEE BELOW 119.9'
Static Water Level (DTW): ↓ 67.8' bgs
Standing Water Column (WC) (TD - DTW): NA ↓

Casing Diameter (inches): 2
Screen Length (feet): 20 (101' - 121')
Borehole Diameter (inches): 8
Date Installed: F 2/4/05

**Well Purging Data**

Purge Method: BAIL/SURGE/BAIL
Well Volume (gallons): NA
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged: ↓
Total Gallons to be Purged: ↓

(gpm): NA
Pump Description: ↓
Drilling Company: WDC

125
3.4
121.4
121.0

128
3.0
64.95
91.8

**Surging and Bailing**

Start Time: SEE BELOW | Finish Time: | Comments:
Start Time: | Finish Time: | Comments:
Start Time: | Finish Time: | Comments:
Start Time: | Finish Time: | Comments:

**Pumping Parameters**

TU 3/1/05

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 11:20 | STICKUP | : 3.5' | | | | |
| | DTW | : 71.3 - 3.5' | | = 67.8' | | |
| | TD BEFORE | BAILING : 123.0 - 3.5 | | = 119.5 | | |
| | | | | | | |
| 14:15 | BAILING | | 7 GAL - | 3" SAND | | |
| 1430 | SURGE | 15 MIN | | | | |
| 1445 | BAIL | | 7 GAL - | 3" SAND | | |
| | | | | | | |
| 1515 | DTW 71.7 | - 3.5 | = 68.2 | | | |
| | TD 123.4 | - 3.5 | = 119.9 | | | |

JB 3/3/05

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August 2004

BOE-C6-0051472

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AW's
Project Location: 1451 KNOX ST
Project Number: 28882-505

Well Number: AW0089B
Weather: CLEAR & BREEZY 75°
Date: TU 3/8/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW):

Casing Diameter (inches): NA 2"
Screen Length (feet): 30' (73-103)
Borehole Diameter (inches): 8"
Date Installed: Th 2/10/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged:
Total Gallons to be Purged:

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 12:45 | STICKUP : 0.9 | | | | | |
| | DTW : 69.1 (TOC) | | | | | |
| | TD : 103.7 (TOC) | | | | | |
| 1255 | BAILING SEDIMENT 10 GAL ~2" SAND IN EACH BUCKET | | | | | |
| 13-1330 | LUNCH | | | | | |
| 1330 | BAIL SEDIMENT - VERY SANDY | | | | | |
| 1400 | SURGE | | | | | |
| 1415 | BAIL ~5 GAL 2" SAND | | | | | |
| 1420 | DTW : 69.6' (TOC) | | | | | |
| | TD : 105.3' (TOC) | | | 104.4' bgs | | |
| | | | | | | |
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PRS 3/10/05

1120B
2.5
70.9
94.1

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AW's
Project Location: 1451 1/2 Knox ST LA, CA
Project Number: 28882-505

Well Number: AW 00 90UB
Weather: CLEAR & BREEZY 75°
Date: M 3/7/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 20 (75-95')
Borehole Diameter (inches): 8
Date Installed:

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:

Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW Finish Time: Comments:
Start Time: Finish Time: Comments:
Start Time: Finish Time: Comments:
Start Time: Finish Time: Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 3/7/05 10:45 | BAIL SEDIMENT | | TD @ START | 93.1 BGS | | |
| 11:00 | SURGE | SCREEN | | | | |
| 11:15 | BAILED | ~ 5 GAL | TD — ~~[illegible]~~ 95 TOC | | STICKUP = 0' | |
| | | | DTW = 68.6 BGS | | | |

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Borehole log Well Dev WIT Forms.xls

August 2004

HALEY & ALDRICH

# Well Development Record

Project Name: CG PH3 AW's
Project Location: 1451 KNOX ST
Project Number: 28882-505
Travis Hammond

Well Number: AW 0091UB
Weather: CLEAR & BREEZY 70°
Date: M 3/7/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 20 (73-93)
Borehole Diameter (inches): 8"
Date Installed: W 3/2/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD" (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged:
Total Gallons to be Purged:

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| | | | DTW = 69.8 (TOC) | | | |
| | | | TD = 91.8 | | | |
| | | | STICKUP = 1.0 | | | |
| 1130 | BAIL SEDIMENT | | ~5 GAL | | | |
| 1145 | SURGE | | ~15 MIN | | | |
| 1200 | BAIL SEDIMENT | | ~5 GAL | SANDY | | |
| 1230 | | DTW = | 70.2 (TOC) | | | |
| | | TD = | ~~90~~ 95.5 | TOC | 94.5 | bgs |

3/10/05

TOC is 1' below grade

HALEY & ALDRICH

# Well Development Record

TOC Elev. Approx. 47 ft MSL

Project Name C-6 PH3
Project Location 451 ½ Knox St., LA, CA
Project Number 28882-505
Ramzi Ramzi

Well Number AW00 92C
Weather Sunny & warm
Date 3/7/05
Page 1 of

**Water Level Data (from top of casing)**

Total Well Depth (TD) 110.67' (from TOC)
Static Water Level (DTW) 61.11'
Standing Water Column (WC) (TD - DTW) 49.56'

Casing Diameter (inches) 2"
Screen Length (feet) 20'
Borehole Diameter (inches) 8"
Date Installed 12/21/04

**Well Purging Data**

Purge Method bail/surge/bail
Well Volume (gallons)
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm) NA
Pump Description
Drilling Company WDC

**Surging and Bailing**

Start Time: 0920 Finish Time: 0925 Comments: bailer blocked; had to be repaired
Start Time: 0928 Finish Time: 0945 Comments: 0950a surging TD ≈ 113'
Start Time: 0957 Finish Time: 1002 Comments: Surging stopped; bailing again
Start Time: Finish Time: Comments: total of 6 gal bailed

**Pumping Parameters**

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| Comment: well was damaged by construction vehicles, TOC was adjusted to its current elevation to recover the well. | | | | | | |

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH 3 AW S
Project Location: 1451 1/2 KNOX ST
Project Number: 28882-505

Well Number: AW0097B
Weather: CLEAR & BREEZY 75°
Date: Th 3/10/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 30' (70-100)
Borehole Diameter (inches): 8"
Date Installed: SA 3/5/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 14:05 | STICKUP = 0' (REMOVED 5') | | | DTW (TOC): 67.7' | | TD (TOC): 97.3' |
| 1410 | BAILING | SEDIMENT: ~ 7 GAL + 3" SAND IN BUCKET | | | | |
| 1425 | SURGE | 30' SCREEN | | | | |
| 1435 | BAIL | SEDIMENT ~ 7 GALLONS + 2" SAND | | | | |
| 1455 | DTW | 63.7 | (TOC) | | | |
| | TD | 100.4 | (TOC) = OK | | | |

PHS 3/11/05

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AWs
Project Location: 1451 1/2 KNOX ST
Project Number: 28882-505

Well Number: AW0099UB
Weather: ~~SL~~ HAZY & BREEZY 70°
Date: ~~SA 3/5/05~~ Th 3/10/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 20' (73.6-93.6')
Borehole Diameter (inches): 8"
Date Installed: SA 3/5/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1200 | STICKUP: | 1.5' | DTW (TOC): | 69.0' | TD (TOC): | 86.1' |
| 1205 | BAILING | SEDIMENT | ~5 GAL | & 4" SAND IN | | 5 GALLON BUCKET |
| 1215 | SURGING | 20' SCREEN | | | | |
| 1225 | BAIL SEDIMENT | ~4 GAL | + SAND | | | |
| ~~1230~~ | DTW: | 70.1 TOC | | | | |
| 1400 | TD: | 94.9 (TOC) = OK | | | | |

3/17/05

97.3
0 - Remove 5'
63.7
97.3

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PA3 AW's
Project Location: 1451 1/2 KNOX ST
Project Number: 28882-505

Well Number: 4W0100B
Weather: CLOUDY / FOGGY 5 CAM 65°
Date: Th 3/10/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC) (TD - DTW):

Casing Diameter (inches): 2"
Screen Length (feet): 30 (73-103)
Borehole Diameter (inches): 8"
Date Installed: SA 3/5/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:

Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1045 | STICKUP: 2.0 | | DTW (TOC): 69.9 | | TD (TOC): 99.3 | |
| 1055 | BAILING SEDIMENT ~ 7 GAL + SAND | | | | | |
| 1110 | SURGE SCREEN 30' | | | | | |
| 1120 | BAIL SEDIMENT ~ 7 GAL + SAND | | | | | |
| 1135 | DTW: 69.9 TOC | | | | | |
| | TD: 105.2 TOC = OK | | | | | |

ARS 3/17/05

HALEY & ALDRICH

# Well Development Record

AW0102 UB

Project Name: C6 PH 3 AW's
Project Location: 1451 KNOX ST
Project Number: 28882-505
Travis Hammond

Well Number: AW0102 UB
Weather: CLEAR & BREEZY 75°
Date: M 3/7/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 20 (73-93)
Borehole Diameter (inches): 8"
Date Installed: Th 2/10/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 12:45 | STICKUP: | | 3.1 | | | |
| | DTW: 71.6 | | | | | |
| | TD: 90.8 | | | | | |
| 12:50 | BAILING SEDIMENT | | | ~5 GAL | SANDY | |
| | LUNCH | | | | | |
| 1330 | SURGE WELL SCREEN | | | | | |
| 1430 | DTW: 72.2 (TOC) | | | | | |
| | TD: 93 (TOC) | | | 94.1' | bgs | |
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3/10/05

HALEY & ALDRICH

# Well Development Record

| | | | |
|---|---|---|---|
| Project Name | C6 PH3 AWS | Date: | AW0106B |
| Project Location | 1451 ½ Knox St. LA, CA | Weather: | Cloudy w/ some rain |
| Project Number | 23883-505 | | Wed 3/2/05 |
| Technician | R. Ramzi | Page | 1 of 1 |

**Water Level Data (from top of casing)**

| | | | |
|---|---|---|---|
| Total Well Depth (TD) | See below | Casing Diameter (inches) | 2 |
| Static Water Level (DTW) | ↓ | Screen Length (feet) | 30 ft |
| Standing Water Column (WC) (TD - DTW) | ↓ | Borehole Diameter (inches) | 8 |
| | | Date Installed | 2/3/05 |

**Well Purging Data**

| | | | |
|---|---|---|---|
| Purge Method | Bail/Surge/Bail | (gpm) | NA |
| Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469) | NA | Pump Description | |
| | | Check Valve? | ↓ |
| Number of Volumes to be Purged | ↓ | | |
| Total Gallons to be Purged | ↓ | Drilling Company | WDC |

**Surging and Bailing**

| | | | | | |
|---|---|---|---|---|---|
| Start Time: | See below | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |

**Pumping Parameters**

| | Time | Depth to Water (feet) | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Turbidity (NTUs) | Dis. Oxy. (mg/l) | Comments (color, odor, sheen) |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/2/05 | 1445 | | Stick up: | | 3.0 ft | | | | | |
| | | | DTW: | 71.21 ft | | | | | | |
| | | | TD before bailing: | | | | 99.56 - 3.0 = 96.56 ft | | | |
| 3/2/05 | 1451 | | Bailing Sediment | | | 5 gal | | 4" of sediment | | |
| | 1500 | | Surge | 10 min | | | | | | |
| | 1510 | | Bail | 3 gal | | | 4" of sediment | | | |
| | 1527 | | DTW | 71.35 | | | | | | |
| | | | TD: | 105.27 | | | | | | |

QA/QC: PRS

Date: 3/7/05

HALEY & ALDRICH

# Well Development Record

| | | | |
|---|---|---|---|
| Project Name | C6 PH3 AW's | Date: | AW0107B |
| Project Location | 1451 ½ Knox St. LA, CA | Weather: | Cloudy |
| Project Number | 23882-505 | | Wed 3/2/05 |
| Technician | | Page | 1 of 1 |

**Water Level Data (from top of casing)**

| | | | |
|---|---|---|---|
| Total Well Depth (TD) | See below | Casing Diameter (inches) | 2" |
| Static Water Level (DTW) | ↓ | Screen Length (feet) | 30' |
| Standing Water Column (WC) (TD - DTW) | ↓ | Borehole Diameter (inches) | 10" |
| | | Date Installed | 2/10/05 |

**Well Purging Data**

| | | | |
|---|---|---|---|
| Purge Method | bail/surge/bail | (gpm) | NA |
| Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469) | NA | Pump Description | ↓ |
| Number of Volumes to be Purged | ↓ | Check Valve? | ↓ |
| Total Gallons to be Purged | ↓ | Drilling Company | ~~WDC~~ |

**Surging and Bailing**

| | | | | | |
|---|---|---|---|---|---|
| Start Time: | See below | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |

**Pumping Parameters**

| | Time | Depth to Water (feet) | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Turbidity (NTUs) | Dis. Oxy. (mg/l) | Comments (color, odor, sheen) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2/05 | 1503 | | Stick up : 4.5 ft | | | | | | | |
| | | | DTW : 72.38 ft | | | | | | | |
| | | | TD before bailing : 103.47 ft - 4.5 = 98.97 ft | | | | | | | |
| 3/2/05 | 1527 | | Bailing sediment : 4 gal | | | | | | | |
| | 1557 | | surge: refusal of surge plug | | | | | | | |
| | | | bailing sediment : 4 gal | | | | | | | |
| 3/2/05 | ~~12:00~~ | | ~~DTW~~ : 72.56 | | | | | | | |
| | | | TD : 110.48 | | | | | | | |

QA/QC: [illegible]

Date: 3/7/05

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AWS
Project Location: 1451 1/2 KNOX ST
Project Number: 28882-505

Well Number: AW0108B
Weather: FOGGY & CHILL 65°
Date: TH 3/10/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 30' (73-103')
Borehole Diameter (inches): 8"
Date Installed: F 2/18/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW Finish Time: Comments:
Start Time: Finish Time: Comments:
Start Time: Finish Time: Comments:
Start Time: Finish Time: Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 9:30 | STICKUP: | 2.0 | DTW (TOC) | : 69.9' | TD (TOC) | : 97.1' |
| 9:35 | BAIL SEDIMENT | | ~7 GAL | - SANDY | | |
| ~~9:50~~ 10:10 | SURGE | 30' | SCREEN | | | |
| ~~1000~~ 1020 | BAIL SEDIMENT | | ~7 GAL | - 2" SAND | IN | 5 GAL BUCKET |
| 1035 | DTW (TOC): | | 70' | | | |
| | TD (TOC): | | 105.3' | | | |

AR 3/17/05

100
2.0
69.9
99.3

HALEY & ALDRICH

# Well Development Record

Project Name: CGPH3 AWJ
Project Location: 1451 KNOX ST
Project Number: 28882-505

Well Number: AW0109B
Weather: FOGGY & BREEZY 60°
Date: N 7/9/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 30 (72.5 - 102.5)
Borehole Diameter (inches): 8
Date Installed: Th 2/10/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 835 | STICKUP: | | 2.2 | | | |
| | DTW: | | ~~72~~ 70.3 | | | |
| | TD: | | 103.1 | | | |
| 840 | BAILING SEDIMENT ~15 GAL 2" SAND IN BUCKET | | | | | |
| | | | | | | |
| 905 | SURGE | 30' SCREEN INTERVAL | | | | |
| 915 | BAIL | SEDIMENT ~10 GAL | | | | |
| 930 | DTW | 70.5 (TOC) | | | | |
| | TD | 100.7 (TOC) | | | | |
| 935 | SWITCH TO SMALLER DIAMETER BAILER & CONTINUE BAILING ~7 GAL & SANDY | | | | | |
| 1000 | DTW: | 70.5 (TOC) | | | | |
| | TD: | 105.2 (TOC) | | | | |
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117B
0.4
68.9
87.7

HALEY & ALDRICH

# Well Development Record

AW0110B

| | | | |
|---|---|---|---|
| **Project Name** | C6 PH3 AW's | **Date:** | ~~Tu 3/8/05~~ W 3/9/05 |
| **Project Location** | 1451 KNOX ST | **Weather:** | CLEAR & BREEZY 65°C |
| **Project Number** | 28882-505 | | |
| **Technician** | T. Hammond | **Page** | 1 of 1 |

**Water Level Data (from top of casing)**

| | | | |
|---|---|---|---|
| Total Well Depth (TD) | NA | Casing Diameter (inches) | 2 |
| Static Water Level (DTW) | | Screen Length (feet) | 30 (73 - 103) |
| Standing Water Column (WC) | | Borehole Diameter (inches) | 2" |
| (TD - DTW) | | Date Installed | SA 3/5/05 |

**Well Purging Data**

| | | | |
|---|---|---|---|
| Purge Method | NA | (gpm) | NA |
| Well Volume (gallons) | | Pump Description | |
| CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469) | | Check Valve? | |
| Number of Volumes to be Purged | | | |
| Total Gallons to be Purged | | Drilling Company | WDC |

**Surging and Bailing**

| | | | | | |
|---|---|---|---|---|---|
| Start Time: | SEE BELOW | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |

**Pumping Parameters**

| Time | Depth to Water (feet) | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Turbidity (NTUs) | Dis. Oxy. (mg/l) | Comments (color, odor, sheen) |
|---|---|---|---|---|---|---|---|---|---|
| ~~3/8~~ 3/9/05 ~~440~~ | STICKUP: 1.9 | | | | | | | | |
| ~~830~~ | DTW: 70.1 (TOC) | | | | | | | | |
| | TD: 104.2 (TOC) | | | | | | | | |
| 745 | BAILING SEDIMENT | | | ~5 GAL | | SANDY | | | |
| 800 | SURGE WELL SCREEN (30') | | | | | | | | |
| 815 | BAIL | ~5 GAL + SAND | | | | | | | |
| 830 | | DTW 70.6 (TOC) | | | | | | | |
| | | 105.3 (TOC) | | | =OK | | | | |

QA/QC: _____

Date:

109 B
2.2
70.3
103.1

HALEY & ALDRICH

# Well Development Record

Project Name: CL PKG AWS
Project Location: 1451 KNOX ST
Project Number: 28603-505
Travis Hammond

Well Number: AW0011UB
Weather: CLEAR WARM 70°
Date: TV 3/3/05 3/8/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 20 (73-93)
Borehole Diameter (inches): 8
Date Installed: NA 3/5/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:

Drilling Company: WDS

## Surging and Bailing

Start Time: SEE BELOW — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:
Start Time: — Finish Time: — Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 530 | STICKUP : 2.1 | | | | | |
| | DTW : 78.2' (TOC) | | | | | |
| | TD : 90.6 (TOC) | | | | | |
| 1540 | BAIL | SEDIMENT ~10 GALLONS - 4" SAND IN 6.5 GAL BUCKET | | | | |
| 1555 | SURGE | | | | | |
| 1605 | BAIL | SEDIMENT - VERY SANDY | | | | |
| 16:35 | DTW : 72.1 | (TOC) | | | | |
| | TD : 94.6 | (TOC) | | 92.5 | 6.95 | ✓ |
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DRS 3/10/05

HALEY & ALDRICH

# Well Development Record

Project Name: C6 P43 AWs
Project Location: 1461 ½ KNOX ST
Project Number: 28882-508

Well Number: AW011NB
Weather: CLEAR & BREEZY 70°
Date: TU 3/8/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 20 (73-93)
Borehole Diameter (inches): 8"
Date Installed: SA 3/5/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:

Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 14:35 | STICKUP : 2.5 | | | | | |
| | DTW : 70.9 (TOC) | | | | | |
| | TD : 94.1 (TOC) | | | | | |
| 1445 | BAIL SEDIMENT ~ | 5 GAL | | 1" SAND IN BUCKET | | |
| 1500 | SURGE | | | | | |
| 1515 | BAIL | ~7 GAL | 2° | SAND IN BUCKET | | |
| 1530 | DTW | 71.3 | (TOC) = OK | | | |
| | TD | 95.1 | (TOC) = OK | 92.6' bgs | | |
| | | | | | | 3/10/05 |

HALEY & ALDRICH

# Well Development Record

| | | | |
|---|---|---|---|
| Project Name | C6 PH3 | Date: | AW0113B |
| Project Location | 1451 ½ Knox St., LA, CA | Weather: | Cloudy w/ slight rain |
| Project Number | 28882-505 | | Wed 3/2/05 |
| Technician | R. Ramzi | Page | 1 of 1 |

**Water Level Data (from top of casing)**

| | | | |
|---|---|---|---|
| Total Well Depth (TD) | See below | Casing Diameter (inches) | 2" |
| Static Water Level (DTW) | ↓ | Screen Length (feet) | 30' |
| Standing Water Column (WC) (TD - DTW) | ↓ | Borehole Diameter (inches) | 8" |
| | | Date Installed | 2/7/05 |

**Well Purging Data**

| | | | |
|---|---|---|---|
| Purge Method | bail/surge/bail | (gpm) | NA |
| Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469) | NA | Pump Description | ↓ |
| Number of Volumes to be Purged | ↓ | Check Valve? | ↓ |
| Total Gallons to be Purged | ↓ | Drilling Company | WDG |

**Surging and Bailing**

| | | | | | |
|---|---|---|---|---|---|
| Start Time: | See below | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |

**Pumping Parameters**

| | Time | Depth to Water (feet) | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Turbidity (NTUs) | Dis. Oxy. (mg/l) | Comments (color, odor, sheen) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2/7/05 | 1612 | | DTW: | 71.57' | | | | | | |
| | | | TD: | 100.45 | | | | | | |
| | | | Stick up: | 3.5' | | | | | | |
| | | | | | | | | | | |
| 3/2/05 | 1620 | | ~~Surging~~ | | | | | | | |
| | | | | | | | | | | |
| | | | bailing | 4 gal | | 2" to 2.5" of | | | | sediment |
| | | | | | | | | | | |
| | 1634 | | surging | 10 min | | | | | | |
| | 1657 | | bailing | 2.5 gal | | 2" of | | | | sediment |
| | | | | | | | | | | |
| | 1703 | | DTW | 71.66 | | | | | | |
| | | | TD | 105.55 | | | | | | |
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QA/QC: [illegible]

Date: 3/7/05

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AW's
Project Location: 1451 ½ KNOX ST
Project Number: 28882-505

Well Number: AW@114B
Weather: FOGGY & CALM 60°
Date: Th 3/10/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC) (TD - DTW):

Casing Diameter (inches): 2"
Screen Length (feet): 30" (71.5-101.5)
Borehole Diameter (inches): 8"
Date Installed: TH 2/8/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons)
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 8:25 | STICKUP: | 3.9' | DTW (TOC) | 71.4' | TD (TOC) | 92.4' |
| 8:25 | BAILING SEDIMENT ~7 GAL - SILTY & SANDY | | | | | |
| 8:45 | SURGE | 30' SCREEN | | | | |
| 9:00 | BAILING SEDIMENT ~10 GAL - SANDY | | | | | |
| 9:30 | DTW | 70.3 (TOC) | | | | |
| | TD | 105.3 (TOC) | = OK | | | |
| | | | | | | PRS 3/17/05 |

10BB
2.0
69.9
97.1

HALEY & ALDRICH

# Well Development Record

Project Name: C6PH3 AW's
Project Location: 1451 KNOX ST
Project Number: 28882-505

Well Number: AW0115B
Weather: CLEAR WG & BREEZY 70°
Date: W 3/9/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 30' (73.5-103.5)
Borehole Diameter (inches): 8
Date Installed: Th 2/10/05

## Well Purging Data

Purge Method: NA
Well Volume (gallons):
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description:
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1125 | STICKUP | : 2.6 | | | | |
| | DTW | : 70.6 (TOC) | | | | |
| | TD : | 92.9 (TOC) | | | | |
| 1130 | BAILING SEDIMENT | ~4 GALLONS | - | 2" SAND | | |
| 1145 | SURGE | SCREEN 30' | | | | |
| 12:00 | BAIL SEDIMENT | ~ 5 GALLONS | SANDY | | | |
| 1205 | DTW | 70.9 (TOC) | | TD 90.4 (TOC) | | |
| 1210 | SWITCH TO SMALLER DIAMETER BAILER & CONTINUE BAILING | ~3 GAL + SAND | | | | |
| 1220 | DTW : | 70.8 (TOC) | | | | |
| | TD : | 95.1 (TOC) → THIS WELL IS DESIGNED @ 105 (TOC) | | | | |
| 1225 | CONTINUE BAILING | ~3 GALLONS - SANDY | | | | |
| 1245 | DTW : | 70.7 (TOC) | TD | 101.7 (TOC) | - CONTINUE BAILING | ~3 GAL + SAND |
| 1300 | TD : 104.3 (TOC) | | | | | |
| 13 - 1330 | LUNCH | | | | | |
| 1345 | BAILED | ~ 3 GALLONS | + | SAND | | |
| 1350 | DTW | 70.8 (TOC) | | | | |
| | TD | 105.3 (TOC) = OK | | | | |
| | | | | | | |
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HALEY & ALDRICH

# Well Development Record

| | | | |
|---|---|---|---|
| Project Name | C6 PH3 | Date: | AW0116B |
| Project Location | 1451 S. Knox St., LA, CA | Weather: | Cloudy |
| Project Number | ~~[illegible]~~ 505 | | Th 3/3/05 |
| Technician | R. Ramci | Page | 1 of 1 |

**Water Level Data (from top of casing)**

| | | | |
|---|---|---|---|
| Total Well Depth (TD) | See below | Casing Diameter (inches) | 2" |
| Static Water Level (DTW) | ↓ | Screen Length (feet) | 30' |
| Standing Water Column (WC) | ↓ | Borehole Diameter (inches) | 8" |
| (TD - DTW) | ↓ | Date Installed 3/9/05 | |

**Well Purging Data**

| | | | |
|---|---|---|---|
| Purge Method | bail/surge/bail | (gpm) | NA |
| Well Volume (gallons) | NA | Pump Description | ↓ |
| CD* (2" = 0.163, 2.5" = 0.255 4" = 0.653, 6" = 1.469) | | Check Valve? | ↓ |
| Number of Volumes to be Purged | ↓ | | |
| Total Gallons to be Purged | ↓ | Drilling Company | WDC |

**Surging and Bailing**

| | | | | | |
|---|---|---|---|---|---|
| Start Time: | See below | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |

**Pumping Parameters**

| | Time | Depth to Water (feet) | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Turbidity (NTUs) | Dis. Oxy. (mg/l) | Comments (color, odor, sheen) |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/3/05 | 8:30 | | Stick up: 2.0' | | | | | | | |
| | | | DTW: ~~[illegible]~~ 70.1' | | | | | | | |
| | | | TD: 94.31 | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 3/3/05 | 0922 | | Bailing: | | 10 | gal | w/ | 6" of | sed. | |
| | 1026 | | Surging: | | 10 | min. | | | | |
| | 1036 | | Bailing: | | 4.5 | gal | | | | |
| | | | | | | | | | | |
| 3/3/05 | 1055 | | DTW: 70.55' | | | | | | | |
| | | | TD: 105.32' | | | | | | | |
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QA/QC: PRS

Date: 3/7/05

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PA3 AWS
Project Location: 1451 Knox ST
Project Number: 28882-505

Well Number: AW0117BUB
Weather: CLEARING & WARM 70°
Date: W 3/9/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): NA
Static Water Level (DTW):
Standing Water Column (WC):
(TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 20 (74-94)
Borehole Diameter (inches): 8"
Date Installed: 2/10/05

## Well Purging Data

Purge Method: BAIL/SURGE/BAIL
Well Volume (gallons): NA
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1015 | STICKUP | 0.4 | | | | |
| | DTW: | 68.9 | (TOC) | | | |
| | TD: | 87.7 | (TOC) | ✓ | | |
| 1020 | BAILING | SEDIMENT | ~ 7 GALLONS | & 4" SAND IN BUCKET | | |
| 1040 | SURGE | SCREEN | | | | |
| 1050 | BAIL | SEDIMENT | ~5 GALLONS | & 2" SAND | | |
| 1115 | DTW: | 69.1 | TOC | | | |
| | TD: | 95.4 | TOC | OK ✓ | | |
| | | | | | | PRS 3/17/05 |

HALEY & ALDRICH

# Well Development Record

Project Name C-6 PH3
Project Location 1451 Knox St., LA, CA
Project Number 28882-505
R. Ramzi

Well Number AW00119UB
Weather Sunny
Date 3/8/05
Page 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD) 89.81'
Static Water Level (DTW) 69.9'
Standing Water Column (WC)
(TD - DTW)

Casing Diameter (inches) 2"
Screen Length (feet) 20'
Borehole Diameter (inches) 8"
Date Installed 2/9/05

## Well Purging Data

Purge Method bail/surge/bail
Well Volume (gallons)
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm)
Pump Description
Drilling Company

## Surging and Bailing

Start Time: 1637 Finish Time: 1656 Comments: bailing, 5 gal
Start Time: 1658 Finish Time: 1706 Comments: surging
Start Time: 1708 Finish Time: 1718 Comments: bailing, 3 gal
Start Time: Finish Time: Comments:

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1720 | DTW = 70.1', TD = 95.32' } after development | | | | | |
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[signature] 3/10/05

HALEY & ALDRICH

# Well Development Record

Project Name: C6 PH3 AWS
Project Location: 1451 KNOX ST LA, CA
Project Number: 28882-505
Travis Hammond

Well Number: AW0120B
Weather: CLOUDY & 65°
Date: TU 3/1/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): SEE BELOW 102.0'
Static Water Level (DTW): ↓ 68.05' bgs
Standing Water Column (WC) (TD - DTW): NA ↓

Casing Diameter (inches): 2
Screen Length (feet): 30 (72'-102')
Borehole Diameter (inches): 8
Date Installed: M 2/7/05

## Well Purging Data

Purge Method: BAIL/SURGE/BAIL
Well Volume (gallons): NA
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged ↓
Total Gallons to be Purged ↓

(gpm): NA
Pump Description ↓
Drilling Company: WDC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| | Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|---|
| 3/1/05 | 1035 | STICKUP | 3.0' | | | | |
| | | DTW: | 71.05' - 3.0 = 68.05' bgs | | | | |
| | | TD BEFORE BAILING: | 95.4 - 3.0 = 92.4' bgs | | | | |
| 3/1/05 | 1130 | BAILING | SEDIMENT 7 GAL | | - 3" SAND | IN 5 | GALLON BUCKET |
| | 1145 | SURGE | 15 MIN | | | | |
| | 1200 | BAIL | 7 GAL SEDIMENT | | - 25" SAND IN | 5 | GALLON BUCKET |
| | 1225 | DTW: | 70.05' - 3.0 | | = 67.05' | | |
| | | TD: | 94.85 - 3.0 | | ~~92.35~~ 91.85 | — | |
| | | ↳ SUPPOSED TO BE 102.5' DEEP | | | | | |
| | 1730 | TD: | 94.6 (TOC) - 3.0 = | | 91.6' bgs | | |
| | 1735 | BAILING | SEDIMENT 9 GAL | | $H_2O$ | | 4" SAND |
| | 1905 | TD: | 105 (TOC) - 3.0 | | = 102.0 bgs | | |
| | | | | | = | | Correct depth per well log. |

ABS 3/3/05

HALEY & ALDRICH

# Well Development Record

3/3/05

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Date: | AW0122B |
| Project Location | 1451 ½ Knox St., LA, CA | Weather: | Cloudy & cold |
| Project Number | 28882-505 | | |
| Technician | | Page | 1 of 1 |

**Water Level Data (from top of casing)**

| | | | |
|---|---|---|---|
| Total Well Depth (TD) | See below | Casing Diameter (inches) | 2" |
| Static Water Level (DTW) | ↓ | Screen Length (feet) | 30' |
| Standing Water Column (WC) | ↓ | Borehole Diameter (inches) | 8" |
| (TD - DTW) | ↓ | Date Installed | 2/8/05 |

**Well Purging Data**

| | | | |
|---|---|---|---|
| Purge Method | bail/surge/bail | (gpm) | NA |
| Well Volume (gallons) | NA | Pump Description | ↓ |
| CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469) | | Check Valve? | ↓ |
| Number of Volumes to be Purged | ↓ | | |
| Total Gallons to be Purged | ↓ | Drilling Company | WDC |

**Surging and Bailing**

| | | | | | |
|---|---|---|---|---|---|
| Start Time: | See below | Finish Time: | | Comments: | |
| Start Time: | ↓ | Finish Time: | | Comments: | |
| Start Time: | ↓ | Finish Time: | | Comments: | |
| Start Time: | ↓ | Finish Time: | | Comments: | |

**Pumping Parameters**

| | Time | Depth to Water (feet) | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Turbidity (NTUs) | Dis. Oxy. (mg/l) | Comments (color, odor, sheen) |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/3/05 | ~~[illegible]~~ | | Stick up: 3.5' | | | | | | | |
| | 0727 | | DTW: 71.53' | | | | before re-development | | | |
| | | | TD: 102.21' | | | | | | | |
| 3/3/05 | 0730 | | Bailing: 3 gal | | | | Total of ~~[illegible]~~ 3" of sediment | | | |
| | 0755 | | Surging: 8 min | | | | | | | |
| | 0805 | | Bailing: 3 gal | | | | | | | |
| 3/3/05 | 0817 | | DTW: 71.72' | | | | | | | |
| | | | TD: 105.27' | | | | | | | |

QA/QC: PRS

Date: 3/7/05

HALEY & ALDRICH

# Well Development Record

| | | | |
|---|---|---|---|
| Project Name | C6 PH3 | Date: | AW0124B |
| Project Location | 1459 1/2 Knox St., LA, CA | Weather: | Cloudy |
| Project Number | 28882-505 | Page | Th 3/3/05 1 of 1 |
| Technician | R. Ramzi | | |

**Water Level Data (from top of casing)**

| | | | |
|---|---|---|---|
| Total Well Depth (TD) | See below | Casing Diameter (inches) | 2" |
| Static Water Level (DTW) | ↓ | Screen Length (feet) | 30' |
| Standing Water Column (WC) (TD - DTW) | ↓ | Borehole Diameter (inches) | 8" |
| | | Date Installed | 2/9/05 |

**Well Purging Data**

| | | | |
|---|---|---|---|
| Purge Method | bail/surge/bail | (gpm) | |
| Well Volume (gallons) CD² (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469) | NA | Pump Description | NA |
| Number of Volumes to be Purged | ↓ | Check Valve? | ↓ |
| Total Gallons to be Purged | ↓ | Drilling Company | WDC |

**Surging and Bailing**

| | | | | | |
|---|---|---|---|---|---|
| Start Time: | See below | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |
| Start Time: | | Finish Time: | | Comments: | |

**Pumping Parameters**

| | Time | Depth to Water (feet) | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Turbidity (NTUs) | Dis. Oxy. (mg/l) | Comments (color, odor, sheen) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/3/05 | | | Stick up: | | 3.0' | | | | | |
| | | | DTW: | | 71.21' | | | | | } before re-development |
| | | | TD: | | 100.8' ✓ | | | | | |
| 3/3/05 | 0837 | | Bailing: | | 5 | gal | 2" | of sed. | | |
| | 0850 | | Surging: | | 5 | min | | | | |
| | 0900 | | Bailing: | | 3 | gal | 1" | of sed. | | |
| 3/3/05 | 0920 | | DTW: | | 71.35' | | | | | |
| | | | TD: | | 105.40' ✓ | | | | | |

QA/QC: PRS

Date: 3/7/05

HALEY & ALDRICH

# Well Development Record

Project Name C-6 PH3
Project Location ~~1451 Knox St, LA~~, CA
Project Number ~~28882-505~~
R. Ramzi

Well Number AW00126 B
Weather Sunny
Date 3/8/05
Page 1 of 1

**Water Level Data (from top of casing)**

Total Well Depth (TD) 100.71'
Static Water Level (DTW) 69.46'
Standing Water Column (WC)
(TD - DTW)

Casing Diameter (inches) 2"
Screen Length (feet) 30'
Borehole Diameter (inches) 8"
Date Installed 2/10/05

**Well Purging Data**

Purge Method Surge & bail
Well Volume (gallons) NA
CD" (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm) NA
Pump Description
Drilling Company WDC

**Surging and Bailing**

Start Time: 1440 Finish Time: 1500 Comments: 5.5 gal
Start Time: ~~1502~~ Finish Time: 1515 Comments: ~~Surging~~
Start Time: Finish Time: 1538 Comments: ~~bailing @ 4 + 3.5 gal~~
Start Time: 1514 Finish Time: Comments:

} total of 4" of sed.

**Pumping Parameters**

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| 1545 | DTW = 69.65' } After development | | | | | |
| | TD = 105.35' | | | | | |
| | | | | | | PK 3/10/05 |

Haley & Aldrich, Inc.
Borehole log Well Dev WIT Forms.xls

August 2004

HALEY & ALDRICH

# Well Development Record

Project Name C-6 PH3
Project Location 1451 Knox St., LA, CA
Project Number 28882-50C
R. Ramzi

Well Number AW0127 UB
Weather Sunny & Windy
Date 3/8/05
Page 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD) 89.65'
Static Water Level (DTW) 69.65'
Standing Water Column (WC) (TD - DTW)

Casing Diameter (inches) 2"
Screen Length (feet) 20'
Borehole Diameter (inches) 8"
Date Installed 2/9/05

## Well Purging Data

Purge Method bail & surge
Well Volume (gallons) NA
CD" (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm) NA
Pump Description
Drilling Company WDC

## Surging and Bailing

Start Time: 1545 Finish Time: 1603 Comments: Bailed; 5 gal
Start Time: 1604 Finish Time: 1617 Comments: Surging
Start Time: 1618 Finish Time: 1626 Comments: bailing; 3 gal

## Pumping Parameters

| Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|
| | stick up | = 1' | | | | |
| 1628 | | DTW = | [redacted], 70.21' | | | |
| | | TD = | 95.25' | | | |
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HALEY & ALDRICH

# Well Development Record

Project Name: C6 PA3 AWS
Project Location: 1451 1/2 KNOX ST LA, CA
Project Number: 28882-505

Well Number: AW0168 LB
Weather: CLOUDY 65°
Date: TU 3/1/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): 100.1 ft
Static Water Level (DTW): 68 ft bgs
Standing Water Column (WC) (TD - DTW): NA / NA

Casing Diameter (inches): 2
Screen Length (feet): 10 (92' - 102')
Borehole Diameter (inches): 8
Date Installed: M 2/7/05

## Well Purging Data

Purge Method: BAIL, SURGE, BAIL
Well Volume (gallons): NA
CD* (2" - 0.163, 2.5" - 0.255, 4" - 0.653, 6" - 1.460)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description
Drilling Company: WDC

## Surging and Bailing

Start Time: Finish Time: Comments:
Start Time: Finish Time: Comments:
Start Time: Finish Time: Comments:
Start Time: Finish Time: Comments:

## Pumping Parameters

| | Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|---|
| 3/1/05 | 10:00 | STICKUP : 3.0' | | | | | |
| | | DTW : 71' - 3.0 = 68' bgs | | | | | |
| | | TD BEFORE BAILING : 102.8 - 3.0 = 99.8' bgs | | | | | |
| | | | | | | | |
| 3/1/05 | 12:30 | BAILING SEDIMENT - 7 GAL - 3" SAND IN 5 GALLON BUCKET | | | | | |
| | 12:45 | SURGE 15 MINUTES | | | | | |
| | 1300 | BAILING - 7 GAL - 3" SAND IN 5 GAL BUCKET | | | | | |
| | | | | | | | |
| | 1330 | DTW 71.1 - 3.0 = 68.1' bgs | | | | | |
| | | TD = 103.1 - 3 100.1' bgs | | | | | |
| | | | | | | | PRS 3/3/05 |

HALEY & ALDRICH

# Well Development Record

Project Name: C6
Project Location: 1451 ½ KNOX ST. LA, CA
Project Number: 28882-505

Well Number: AW 01 70 LB
Weather: CLOUDY 65°
Date: TU 3/1/05
Page: 1 of 1

## Water Level Data (from top of casing)

Total Well Depth (TD): 100.8'
Static Water Level (DTW): 68.3 ft bgs
Standing Water Column (WC): NA
(TD - DTW)

Casing Diameter (inches): 2
Screen Length (feet): 10' (91.5 - 101.5)
Borehole Diameter (inches): 8
Date Installed: SA 2/5/05

## Well Purging Data

Purge Method: ~~Surge~~ / BAIL / SURGE / BAIL
Well Volume (gallons): NA
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)
Number of Volumes to be Purged
Total Gallons to be Purged

(gpm): NA
Pump Description
Drilling Company: L-DC

## Surging and Bailing

Start Time: SEE BELOW
Start Time:
Start Time:
Start Time:

Finish Time:
Finish Time:
Finish Time:
Finish Time:

Comments:
Comments:
Comments:
Comments:

## Pumping Parameters

| | Time | Volume (gallons) | Pumping Rate (gpm) | Temp (°C) | Spec. Cond. (mmhos/cm) | pH (units) | Comments (color, turbidity, odor, sheen) |
|---|---|---|---|---|---|---|---|
| 930 | STICKUP: -1.5' | | | | | | |
| | DTW: 66.8' + 1.5 = 68.3' bgs | | | | | | |
| | TD BEFORE SURGE/BAIL: 94.4' + 1.5 = 95.9' bgs | | | | | | |
| 945 | BAILING SEDIMENT 7 GAL | | | | | | |
| 1000 | SURGE 15 MIN | | | | | | |
| 1015 | BAIL SEDIMENT 7 GAL | | | | | | |
| 1025 | DTW: 73.1 + 1.5 = 74.6' bgs | | | | | | |
| 1030 | TD: 99.3 + 1.5 = 100.8' bgs | | | | | | |

PRS 3/3/05

# Attachment H

# Water Injection Testing (WIT) Forms

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C6 PH3 AWS | Well Number | AW0022B |
| Project Location | 1451 ½ KNOX ST LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | T. HAMMOND / Ramzi Ramzi |
| Date | 3/2/05 | Date Well Installed | M 2/8/05 |
| Height of Well Head Stick-up | 3.0' | Date Well Developed | 3/1/05 |
| Observation Wells Used | NA | Weather | Lt. Rain |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) X10 | Depth to Water In Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0022B | 1219 | 70.95 | — | — | — | — | 938 | (0 gal.) | — | |
| | 1222 | | | | | | | | | Pumping started |
| | 1224 | 67.5 | | | 10 gpm | | | | | |
| | 1226 | 66.75 | | | | | | | | |
| | 1228 | 66.55 | | | | | | | | |
| | 1230 | 66.45 | | | | | | | | |
| | 1232 | 66.40 | | | | | | | | |
| | 1234 | 66.32 | | | | | 950 | (120 gal) | | Shut down pump |
| | 1236 | 70.31 | | | | | | | | |
| | 1238 | 70.61 | | | | | | | | |
| | 1240 | 70.70 | | | | | | | | |
| | | | | | | | | | | (4.63 ft of rise @ 10 gpm |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C6 PHJ AW's | Well Number | AW0022 C |
| Project Location | 1451 1/2 KNOX ST. LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | T. HAMMOND / Ramzi Ramzi |
| Date | 3/2/05 | Date Well Installed | SA 2/5/05 |
| Height of Well Head Stick-up | 3.4' | Date Well Developed | 3/1/05 |
| Observation Wells Used | NA | Weather | Lt. Rain |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) X10 | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0022C | 1112 | 71.35 | — | — | — | — | 925.5 | (0 gal) | — | |
| | 1119 | | | | 10 | | | | | Injection started |
| | 1120 | 66.5 | | | | | | | | |
| | 1121 | 66.35 | | | | | | | | |
| | 1122 | 66.27 | | | | | | | | |
| | 1124 | 66.06 | | | | | | | | |
| | 1126 | 65.91 | | | | | | | | |
| | 1128 | 65.81 | | | | | | | | |
| | 1130 | 65.75 | | | | | 937.0 | | | Shutdown Pump |
| | 1131 | 70.5 | | | | | 115 gal | | | |
| | 1134 | 71.33 | | | | | | | | |
| | 1136 | 71.35 | | | | | | | | (5.6 ft rise @ 10 gpm) |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0024UB |
| Project Location | Lot 8 | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | Ramzi Ramzi |
| Date | 3/8/05 | Date Well Installed | 11/12/04 |
| Height of Well Head Stick-up | -0.5 bgs. | Date Well Developed | 11/18/04 |
| Observation Wells Used | NA | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0024UB | [redacted] | [redacted] | — | — | — | — | 110555 | — | — | TD = 84.65' |
| | 1042 | 60.25 | | | | | | | | Stand pipe (stick) = 1' 2" below grade |
| | 1044 | | | | 3.0 | | | | | |
| | | | | | | | | | | Started |
| | 1046 | 39.67 | | | | | | | | |
| | 1048 | 34.85 | | | 3.0 | | | | | |
| | 1050 | 33.70 | | | | | | | | |
| | 1052 | 33.85 | | | | | | | | |
| | 1054 | 34.12 | | | | | | | | |
| | 1056 | 34.42 | | | | | 110589 | | | Shutdown |
| | 1058 | 46.40 | | | | | | | | |
| | 1100 | 55.70 | | | | | 34 gal | | | 25.8 ft of rise @ 3 gpm |
| | 1102 | 58.25 | | | | | | | | |

RR 3/10/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0035B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/2/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny & hot |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0035B | 1230 | 68.41 | — | — | — | — | 111430.5 | — | — | |
| | 1233 | | | | 10 | | | | | Started |
| | 1235 | 64.58 | | | | | | | | |
| | 1237 | 63.90 | | | | | | | | |
| | 1239 | 63.52 | | | | | | | | |
| | 1241 | 63.28 | | | | | | | | |
| | 1243 | 63.12 | — | — | 10 | — | 111537 | | | Shutdown |
| | 1245 | 67.75 | | | | | | | | |
| | 1247 | 68.06 | | | | | | | | |
| | | | | | | | 107 gal | | | |
| | | | | | | | | | | 5.29' rise @ 10 gpm. |
| | | | | | | | | | | RS 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 Ph 3 | Well Number | AW0036B |
| Project Location | 1451 Knox St. L.A. | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | Ramesi Ramesi |
| Date | 3/9/05 | Date Well Installed | 3/4/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny & hot |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0036B | 1254 | 70.25 | — | — | — | — | 111587 | — | — | |
| | 1255 | | | | 10 | | | | | Started |
| | 1257 | 57.65 | | | | | | | | |
| | 1259 | 57.12 | | | | | | | | |
| | 1301 | 56.95 | | | | | | | | |
| | 1303 | 56.84 | | | | | | | | |
| | 1305 | 56.76 | | | | | ~ 111625 | | | Shut down |
| | 1307 | 69.00 | | | | | | | | |
| | | | | | | | 88 gal | | | |
| | | | | | | | | | | 13.49' @ ~ 8.8 gpm |

PK 3/17/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0038 B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 3/7/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/9/05 |
| Observation Wells Used | NA | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0038B | 0824 | 70.80 | — | — | — | — | 112697 | — | — | |
| | 0826 | | | | 10 | | | | | Started |
| | 0828 | 67.02 | | | | | | | | |
| | 0830 | 66.73 | | | | | | | | |
| | 0832 | 66.59 | | | | | | | | |
| | 0834 | 66.47 | | | | | | | | |
| | 0836 | 66.38 | | | | | 112790 | | | Shutdown |
| | 0838 | 68.40 | | | | | | | | |
| | 0840 | 70.42 | | | | | 93 gal | | | |
| | | | | | | | | | | 4.42' rise @ 10gpm |

3/15/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0039 UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | |
| Height of Well Head Stick-up | | Date Well Developed | |
| Observation Wells Used | NA | Weather | Cloudy & foggy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0039UB | 0804 | 69.34 | — | — | — | — | 112593.5 | — | — | |
| | 0805 | | | | 10 | | | | | Started |
| | 0807 | 63.55 | | | ↓ | | | | | |
| | 0809 | 62.80 | | | | | | | | |
| | 0811 | 62.79 | | | | | | | | |
| | 0813 | 62.53 | | | | | | | | |
| | 0815 | 62.36 | | | | | 112697 | | | Shutdown |
| | 0817 | 68.90 | | | | | | | | |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0047B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 3/7/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/10/05 |
| Observation Wells Used | NA | Weather | Cloudy & Cool |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0047B | 0844 | 69.67 | — | — | — | — | 112791.5 | — | — | |
| | 0846 | | | | 10 | | | | | Started |
| | 0848 | 61.18 | | | ↓ | | | | | |
| | 0850 | 60.53 | | | | | | | | |
| | 0852 | 60.34 | | | | | | | | |
| | 0854 | 60.18 | | | | | | | | |
| | 0856 | 60.08 | | | | | 112901 | | | Shutdown |
| | 0858 | 67.16 | | | | | | | | |
| | 0900 | 69.00 | | | | | 109.5 gal. | | | |
| | | | | | | | | | | 9.59' rise @ 10 gpm |
| | | | | | | | | | | 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 Ph 3 | Well Number | AW0048UB |
| Project Location | 1451 Knox St. L.A. | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/5/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | | Weather | Sunny & hot |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0048UB | 1120 | 69.55 | — | — | — | — | 111314.5 | — | — | |
| | 1122 | | | | 10 | | | | | Started |
| | 1124 | 65.51 | | | 10 | | | | | |
| | 1126 | 65.35 | | | ↓ | | | | | |
| | 1128 | 65.25 | | | | | | | | |
| | 1130 | 65.17 | | | | | | | | |
| | 1132 | 65.10 | | | | | 111430.5 | | | Shutdown |
| | 1134 | 66.90 | | | | | 116 gal | | | |
| | | | | | | | | | | 4.45' rise @ 11.6 gpm |
| | | | | | | | | | | PRS 3/17/05 |

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# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PHJ | Well Number | AW0057UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-503 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/3/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny & hot |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0057UB | 1101 | 69.74 | — | — | — | — | 111213.5 | — | — | |
| | 1102 | | | | 10 | | | | | Started injection |
| | 1104 | 66.10 | | | | | | | | |
| | 1106 | 65.98 | | | | | | | | |
| | 1108 | 65.89 | | | | | | | | |
| | 1110 | 65.80 | | | | | | | | |
| | 1112 | 65.67 | | | 10 | | 111313.5 | | | Shutdown |
| | 1114 | 69.34 | | | | | | | | |
| | | | | | | | 100 gal. | | | |
| | | | | | | | | | | 4.07' rise @ 10 gpm |

RR 3/17/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PHJ | Well Number | AW0058UB |
| Project Location | 1451 Knox St, LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/3/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny & hot |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0058UB | 1043 | 69.94 | — | — | — | — | 111119 | — | — | |
| | 1045 | | | | 10 | | | | | Started |
| | 1047 | 67.35 | | | ↓ | | | | | |
| | 1049 | 67.10 | | | | | | | | |
| | 1051 | 67.00 | | | | | | | | |
| | 1053 | 66.94 | | | | | | | | |
| | 1055 | 66.90 | | | | | 111213.5 | | | Shutdown |
| | 1057 | 69.70 | | | | | | | | |
| | | | | | | | 94.5 | gal | | |
| | | | | | | | | | | 3.24' rise @ 9.45 gpm |
| | | | | | | | | | | PK 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0060C |
| Project Location | 1451 ½ Knox St, LA, CA | Page | 1 of 2 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/7/05 | Date Well Installed | |
| Height of Well Head Stick-up | 0.5' below grade | Date Well Developed | 3/7/05 |
| Observation Wells Used | NA | Weather | Sunny & Hot |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0060C | 1146 | 61.55 | — | — | — | — | 110436 | — | — | |
| | 1150 | | | | 10 | | | | | Started |
| | | | | | | | | | | Note: over flow occured, |
| | | | | | | | | | | well took 1 hour and |
| | | | | | | | | | | 38 minutes to reach |
| | | | | | | | | | | 60' of DTW. Outflow |
| | | | | | | | | | | from the well is approx |
| | | | | | | | | | | 0.16 gal/min. |
| | | | | | | | | | | Test resumed at |
| | | | | | | | | | | 0.5 gal/min and |
| | | | | | | | | | | gradually increase. |
| | 1340 | 60.11 | — | — | 0.5 | | | | See Well Dev. Log | Failed; bail & surge |
| | | | | | | | | | | again 1 hr and |
| | | | | | | | | | | 50 min |
| | 1530 | 65.59 | — | — | 1.4 | | | | | Ran the test for 10 min |
| | 1545 | | | | 2.0 | | 110471 | | | Re-Ran the test for |
| | | | | | | | | | | 10 min; |
| | | | | | | | | WL rose | | 30 ft below grade |
| | 1555 | ~30' | | | 2.0 | | 110491 | | | |

3/10/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0060 C |
| Project Location | 1451 Knox St., LA, CA | Page | 2 of 2 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/7/05 | Date Well Installed | |
| Height of Well Head Stick-up | 0.5' below grade | Date Well Developed | 3/7/05 |
| Observation Wells Used | NA | Weather | Sunny & hot |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Final Inj. Test Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1612 | 60.75 | | | 2.5 | | 110491 | | | Start |
| | 1614 | 43.55 | | | | | | | | |
| | 1616 | 33.00 | | | | | | | | |
| | 1618 | 26.10 | | | | | | | | |
| | 1620 | 21.80 | | | | | | | | |
| | 1622 | 18.85 | | | | | 110576 | | | Shutdown |
| | 1624 | [illegible] | 34.60 | | | | | | | |
| | 1626 | 44.7 | | | | | | | | |
| | 1628 | 51.30 | | | | | | | | 41.9' of rise @ 2.5gpm |

Haley & Aldrich, Inc.
Borehole log Well Dev WIT Forms.xls

3/10/05

August 2004

HALEY & ALDRICH

## Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0061C |
| Project Location | 1541 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/8/05 | Date Well Installed | 11/10/04 |
| Height of Well Head Stick-up | | Date Well Developed | 11/17/04 |
| Observation Wells Used | NA | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0061C | 0940 | 63.21 | — | — | — | — | 110526.5 | — | — | TD - 113.7' |
| | 0945 | | | | 3 | | | | | Started |
| | | | | | | | | | | adjusted flow rate |
| | 0950 | 40.7 | | | 2.2 | | | | | to 2.2 gpm |
| | 0952 | 38.55 | | | | | | | | |
| | 0954 | 38.4 | | | | | | | | |
| | 0956 | 38.38 | | | | | | | | |
| | 0958 | 38.25 | | | | | | | | |
| | [illegible] | | | | | | | | | |
| | [illegible] | | | | | | | | | |
| | 1000 | 38.30 | | | | | | | | |
| | 1002 | 38.40 | | | | | 110555 | | | Stopped pumping |
| | 1004 | 48.95 | | | | | | | | |
| | 1006 | 58.00 | | | | | 28.5 gpm | | | 24.8 ft rise @ 2.2 gpm |

[signature] 3/10/05

Haley & Aldrich, Inc.
Borehole log Well Dev WIT Forms.xls

August 2004

BOE-C6-0051515

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW00 68 UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/4/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Cloudy & warm |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW00 68UB | 1020 | 70.74 | — | — | — | — | 111023.5 | — | — | |
| | 1024 | | | | 10 | | | | | Started |
| | 1026 | 58.38 | | | ↓ | | | | | |
| | 1028 | 57.60 | | | | | | | | |
| | 1030 | 57.29 | | | | | | | | |
| | 1032 | 57.12 | | | | | | | | |
| | 1034 | 57.00 | | | 10 | | 111127.5 | | | Shutdown |
| | 1036 | 69.60 | | | | | | | | |
| | 1038 | 70.30 | | | | | 104 gal | | | |
| | | | | | | | | | | 13.74' rise @ 10.4 gpm |

3/17/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C6 PH3 | Well Number | AW0069 UB |
| Project Location | 1451 Knox St, LA, CA | Page | 1 of 1 |
| Project Number | 23882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/4/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0069UB | 0955 | 69.92 | — | — | — | — | 110928.5 | — | — | |
| | 1002 | | — | — | 10 | — | | — | — | Started |
| | 1004 | 64.35 | | | | | | | | |
| | 1006 | 63.90 | | | | | | | | |
| | 1008 | 63.65 | | | | | | | | |
| | 1010 | 63.51 | | | | | | | | |
| | 1012 | 63.39 | | | | | 111023.5 | | | |
| | 1014 | 69.10 | | | | | | | | Shutdown |
| | 1016 | 69.50 | | | | | 95 gal | | | |
| | | | | | | | | | | 6.53' rise @ 9.5 gpm |
| | | | | | | | | | | PK 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH 3 | Well Number | AW0078UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 2/17/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/7/05 |
| Observation Wells Used | NA | Weather | Cloudy & Cool |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0078UB | | | | | | | | | | |
| | 0750 | 69.93 | — | — | — | — | 110599 | — | — | |
| | 0754 | | | | | | | | | Started/ Pumping failed, re-adj. had to be made. |
| | 0800 | | | | | | | | | |
| | 0806 | | | | 10 | | | | | Started again Injection failed again the hose was replace |
| | 0834 | | | | 10 | | | | | Started again |
| | 0836 | 42.00 | | | 10 | | | | | |
| | 0838 | 37.80 | | | | | | | | |
| | 0840 | 36.10 | | | 10 | | | | | |
| | 0842 | 36.25 | | | | | | | | |
| | 0844 | 36.40 | | | | | 110721.5 | | | Shut down |
| | 0846 | 64.70 | | | | | 122.5 | | | |
| | 0848 | 68.90 | | | | | | | | |
| | ~~0850~~ | | | | | | | | | 33.53' rise @ 10gpm |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0079 UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/3/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Cloudy & Cool |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0079UB | | | | | | | | | | |
| | 0904 | 70.83 | — | — | ~~10~~ | — | 110721.5 | — | — | Started |
| | 0906 | 64.70 | | | 10 | | | | | |
| | 0908 | 61.75 | | | | | | | | |
| | 0910 | 61.02 | | | | | | | | |
| | 0912 | 60.72 | | | | | | | | |
| | 0914 | 60.52 | | | | | | | | |
| | 0916 | 60.36 | | | | | 110824 | | | Shutdown |
| | 0918 | 69.75 | | | | | | | | |
| | 0920 | 70.24 | | | | | 103.5 gal | | | |
| | | | | | | | | | | 10.47' rise @ 10 gpm |
| | | | | | | | | | | 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0080 UB |
| Project Location | 1451 Knox St. L.A. | Page | 1 of 1 |
| Project Number | 29882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/4/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0080UB | 0925 | 70.05 | — | — | — | — | 110824 | — | — | |
| | 0928 | | | | 10 | | | | | Started |
| | | | | | | | | | | Quick rise/overflow |
| | | | | | | | | | | flow rate lowered |
| | 0932 | 11.50 | | | 6 | | | | | Flow adjusted |
| | 0934 | 11.64 | | | ↓ | | | | | |
| | 0936 | 11.80 | | | | | | | | |
| | 0938 | 11.85 | | | 6 | | | | | |
| | 0940 | 11.89 | | | ↓ | | | | | |
| | 0942 | 11.89 | | | | | 110928.5 | | | Shutdown |
| | 0944 | 49.20 | | | | | | | | |
| | 0946 | 60.10 | | | | | 104.5 gal | | | |
| | 0948 | 65.00 | | | | | | | | |
| | ~~0950~~ | | | | | | | | | 58.16' rise @ 6 gpm |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C6 PH3 AW's | Well Number | AW 0088C |
| Project Location | 1451 1/2 KNOX ST LA, CA | Page | 1 of 1 |
| Project Number | 28982-505 | Technician Name | T. HAMMOND / Ramzi Ramzi |
| Date | 3/2/05 | Date Well Installed | F 2/4/05 |
| Height of Well Head Stick-up | 3.5' | Date Well Developed | 3/1/05 |
| Observation Wells Used | NA | Weather | Lt. Rain |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) X10 | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0088C | 1246 | 71.21 | | | 10 | | 950 | (0 gal) | | |
| | 1248 | ~~50.75~~ | | | | | | | | Pumping started |
| | 1250 | 50.75 | | | | | | | | |
| | 1252 | 50.50 | | | | | | | | |
| | 1254 | 49.40 | | | | | | | | |
| | 1256 | 49.07 | | | | | | | | |
| | 1258 | 48.81 | | | | | | | | |
| | 1300 | 48.54 | | | | | | | | |
| | 1302 | 48.35 | | | | | 964.5 | (145 gal.) | | Shutdown pump |
| | 1304 | 69.2 | | | | | | | | (22.86' rise @ 10 gpm) |
| | 1306 | 71.00 | | | | | | | | |
| | 1308 | 71.16 | | | | | | | | |
| | | | | | | | | | | 3/3/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW089B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 2/10/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW089B | 1111 | 68.63 | — | — | — | — | 113374.5 | — | — | |
| | 1112 | | | | 10 | | | | | Started |
| | 1114 | 62.05 | | | ↓ | | | | | |
| | 1116 | 61.67 | | | | | | | | |
| | 1118 | 61.56 | | | | | | | | |
| | 1120 | 61.49 | | | | | | | | |
| | 1122 | 62.11 | | | | | 113470 | | | Shut down |
| | 1124 | 68.35 | | | | | | | | |
| | | | | | | | 96.5 gal. | | | |
| | | | | | | | | | | 6.52' rise @ 10 gpm |
| | | | | | | | | | | PRS 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0090 UB |
| Project Location | 1451 Knox St, LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 2/11/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/7/05 |
| Observation Wells Used | NA | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0090UB | 1034 | 67.98 | — | — | — | — | 113182.5 | — | — | — |
| | | | | | 10 | | | | | |
| | 1035 | | | | | | | | | Started |
| | 1037 | 57.50 | | | | | | | | |
| | 1039 | 58.61 | | | | | | | | |
| | 1041 | 58.64 | | | | | | | | |
| | 1043 | 58.22 | | | | | | | | |
| | 1045 | 57.99 | | | | | 113289 | | | Shutdown |
| | 1047 | 66.85 | | | | | | | | |
| | | | | | | | 106.5 gal | | | |
| | | | | | | | | | | 9.99' rise @ 10gpm |
| | | | | | | | | | | PR 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PHI | Well Number | AW0091UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 3/2/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/7/05 |
| Observation Wells Used | NA | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0091UB | 1052 | 69.38 | — | — | — | — | 113281 | — | — | |
| | 1053 | | | | 10 | | | | | Started |
| | 1055 | 62.35 | | | | | | | | |
| | 1057 | 60.55 | | | | | | | | |
| | 1059 | 59.95 | | | | | | | | |
| | 1101 | 59.53 | | | | | | | | |
| | 1103 | 59.28 | | | | | 113372 | | | Shutdown |
| | 1105 | 68.40 | | | | | | | | |
| | | | | | | | 91 gal. | | | |
| | | | | | | | | | | 10.1 gal @ ~9.1 gpm |
| | | | | | | | | | | 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0092C |
| Project Location | 1451 ½ Knox St., LA, CA | Page | 1 of |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/7/05 | Date Well Installed | 12/28/04 |
| Height of Well Head Stick-up | 1' below grade | Date Well Developed | 3/7/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0092C | 1008 | 62.50 | — | — | — | — | 10313 | — | — | |
| | 1020 | — | | | 10 | | | | | Started |
| | 1022 | 53.50 | | | | | | | | |
| | 1024 | 54.27 | | | 10 | | | | | |
| | 1026 | 54.11 | | | | | | | | |
| | 1028 | 54.03 | | | | | | | | |
| | 1030 | 53.96 | | | | | | | | |
| | 1032 | 53.90 | | | | | 10436 | | | Shutdown |
| | 1034 | 59.10 | | | | | | | | |
| | 1036 | 60.93 | | | | | 123 gal | | | |
| | 1038 | 61.03 | | | | | | | | 8.6' Rise @ 10 gpm |

3/10/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0097 B |
| Project Location | 1541 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 3/5/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/10/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW00978 | 1507 | 63.67 | — | — | 10 | — | 113911.5 | — | — | |
| | 1508 | | | | | | | | | Started |
| | 1500 | 60.45 | | | | | | | | |
| | 1512 | 60.21 | | | | | | | | |
| | 1514 | 60.19 | | | | | | | | |
| | 1516 | 60.14 | | | | | | | | |
| | 1518 | 60.10 | | | | | 114014 | | | Shutdown |
| | 1520 | 63.30 | | | | | | | | |
| | | | | | | | 102.5 gal | | | |
| | | | | | | | | | | 3.57' rise @ 10 gpm |
| | | | | | | | | | | 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0099 UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 3/5/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/10/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0099UB | 1417 | 68.63 | — | — | — | — | 113815 | — | — | |
| | 1418 | | | | 10 | | | | | Started |
| | 1420 | 48.45 | | | ↓ | | | | | |
| | 1422 | 46.90 | | | | | | | | |
| | 1424 | 46.24 | | | | | | | | |
| | 1426 | 45.75 | | | | | | | | |
| | 1428 | 45.50 | | | | | 113919 | | | Shutdown |
| | 1430 | 65.90 | | | | | 104 gal | | | |
| | | | | | | | | | | 23.13' rise @ 10gpm |
| | | | | | | | | | | 3/17/05 |

HALEY & ALDRICH

## Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0100B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 3/5/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/10/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0100B | 1356 | 69.68 | — | — | — | — | 113720 | — | — | |
| | 1357 | | | | 10 | | | | | Started |
| | 1359 | 57.85 | | | ↓ | | | | | |
| | 1401 | 56.87 | | | | | | | | |
| | 1403 | 56.70 | | | | | | | | |
| | 1405 | 56.71 | | | | | | | | |
| | 1407 | 56.70 | | | ↓ | | 113813 | | | Shutdown |
| | 1409 | 69.00 | | | | | | | | |
| | | | | | | | 93 gal. | | | |
| | | | | | | | | | | 12.98' rise @ ~9.3 gpm. |

RR 3/17/05

Haley & Aldrich, Inc.
Borehole log Well Dev WIT Forms.xls

August 2004

BOE-C6-0051528

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PHJ | Well Number | AW0102UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 2/10/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/7/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0102UB | 1345 | 71.40 | — | — | — | — | 111704 | — | — | |
| | 1346 | | | | 10 | | | | | Started |
| | 1348 | 60.30 | | | ↓ | | | | | |
| | 1350 | 55.00 | | | | | | | | |
| | 1352 | 53.90 | | | | | | | | |
| | 1354 | 53.41 | | | | | | | | |
| | 1356 | 53.20 | | | | | 111791 | | | Shutdown |
| | 1358 | 69.50 | | | | | 87 gal | | | 18.2' rise @ 8.7 gpm |

PRS 3/17/06

Haley & Aldrich, Inc.
Borehole log Well Dev WIT Forms.xls

August 2004

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | Former Boeing C-6 Parcel C Amendment Well | Well Number | AW 106 B |
| Project Location | 1350 Knox Street, Los Angeles, CA | Page | 1 of |
| Project Number | 28882-502 | Technician Name | R. Ramzi |
| Date | Thu 3/3/05 | Date Well Installed | 2/8/05 |
| Height of Well Head Stick-up | 3' | Date Well Developed | 3/2/05 |
| Observation Wells Used | N/A | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) X10 | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0106B | 1135 | 71.33 | — | — | — | — | 964.5 | — | — | |
| | 1142 | ~~[illegible]~~ | | | 10 | | | | | Started pumping |
| | 1144 | 64.66 | | | 10 | | | | | |
| | 1146 | 64.40 | | | | | | | | |
| | 1148 | 64.19 | | | | | | | | |
| | 1150 | 64.12 | | | | | | | | |
| | 1152 | 64.10 | | | | | 975 | | | |
| | 1154 | 64.09 | | | | | 977 | | | Shut down |
| | 1156 | 71.30 | | | | | | | | |
| | 1158 | 71.43 | | | | | 125 gal. | | | 7.24 ft rise @ 10gpm |
| | ~~1200~~ | | | | | | | | | |
| | | 4 min | Recovery | | | | | | | |

3/7/05

Haley & Aldrich, Inc.
Borehole log Well Dev WIT Forms.xls

August 2004

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | Former Boeing C-6 Parcel C Amendment Well | Well Number | AW@ 107 B |
| Project Location | 1350 Knox Street, Los Angeles, CA | Page | 1 of |
| Project Number | 28882-502 | Technician Name | R. Ramzi |
| Date | Thu 3/3/05 | Date Well Installed | 2/10/05 |
| Height of Well Head Stick-up | 4.51 | Date Well Developed | 3/2/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW@107B | 1255 | 72.37 | — | — | — | — | 9890 | — | — | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | 1259 | | | | 10 | | | | | Start pumping |
| | 1300 | 55.80 | | | | | | | | |
| | 1301 | 55.20 | | | | | | | | |
| | 1302 | 54.30 | | | | | | | | |
| | 1304 | 53.49 | | | | | | | | |
| | 1306 | 53.18 | | | | | | | | |
| | 1308 | 53.35 | | | | | 9982 | | | |
| | 1310 | 53.01 | | | 10 | | 10004 | | | Shut down |
| | 1312 | 69.5 | | | | | | | | |
| | 1314 | 71.42 | | | | | 114 gal | | | 19.36 ft rise @ 10gpm |
| | | 4 min Recovery | | | | | | | | |

PB 3/7/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PHJ | Well Number | AW00108B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 2/18/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/10/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW00108B | 1135 | 69.77 | — | — | — | — | 113470 | — | — | |
| | 1138 | | | | 10 | | | | | Started |
| | 1140 | 64.16 | | | | | | | | |
| | 1142 | 63.52 | | | | | | | | |
| | 1144 | 63.37 | | | | | | | | |
| | 1146 | | | | | | | | | |
| | 1148 | | | | | | | | | |
| | | | | | | | | | | → ran out of water/ Shutdo |
| | 1210 | 69.68 | | | | | 113547 | | | |
| | | | | | | | | | | Pumping started |
| | 1211 | | | | 10 | | | | | |
| | 1213 | 63.88 | | | ↓ | | | | | |
| | 1215 | 63.23 | | | | | | | | |
| | 1217 | 62.93 | | | | | | | | |
| | 1219 | 62.80 | | | | | | | | |
| | 1221 | 62.73 | | | | | 113630 | | | Shutdown |
| | 1223 | 69.00 | | | | | | | | |
| | | | | | | | 83 gal. | | | 7.04' rise @ ~8.3 gpm |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PHI | Well Number | AW00109 B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 2/10/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/9/05 |
| Observation Wells Used | NA | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW00109B | 0926 | 70.05 | — | — | — | — | 112901 | — | — | |
| | 0927 | | | | 10 | | | | | Started |
| | 0929 | 66.15 | | | ↓ | | | | | |
| | 0931 | 65.57 | | | | | | | | |
| | 0933 | 65.30 | | | | | | | | |
| | 0935 | 65.15 | | | | | | | | |
| | 0937 | 65.07 | | | | | 112991 | | | Shutdown |
| | 0939 | 69.00 | | | | | | | | |
| | | | | | | | 90 gal. | | | |
| | | | | | | | | | | 4.98' rise @ ~9.0 gpm |

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August 2004

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# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW00110 B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/5/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/9/05 |
| Observation Wells Used | NA | Weather | Sunny & Cool |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW00110 B | 1634 | 69.86 | — | — | — | — | 112409 | — | — | |
| | 1635 | | | | 10 | | | | | Started |
| | 1637 | 62.05 | | | | | | | | |
| | 1639 | 61.65 | | | | | | | | |
| | 1641 | 61.33 | | | | | | | | |
| | 1643 | 61.22 | | | | | | | | |
| | 1645 | 61.10 | | | 10 | | 112504 | | | Shutdown |
| | 1647 | 69.42 | | | | | 95 gal | | | |
| | | | | | | | | | | 8.76' rise @ 9.5 gpm |

3/17/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0111 UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/5/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny & windy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0011UB | 1402 | 70.28 | | | 10 | | 111791 | | | |
| | 1404 | | | | 10 | | | | | Started |
| | 1406 | 52.50 | | | | | | | | |
| | 1408 | 47.00 | | | | | | | | |
| | 1410 | 49.86 | | | | | | | | |
| | 1412 | 49.49 | | | | | | | | |
| | 1414 | 49.30 | | | | | 111881 | | | Shutdown |
| | 1416 | 60.28 | | | | | | | | |
| | 1418 | 60.30 | | | | | 90gal | | | |
| | | | | | | | | | | 20.98' rise @ 9.0 gpm |
| | | | | | | | | | | 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW00112 UB |
| Project Location | 1451 Knox st., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 3/5/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW00112 UB | 1324 | 70.69 | — | — | — | — | 111629.5 | — | — | — |
| | 1326 | | | | | | | | | |
| | 1328 | 30.00 | | | 10 | | | | | Started |
| | 1330 | 23.62 | | | 10 | | | | | |
| | 1332 | 23.85 | | | ↓ | | | | | |
| | 1334 | 23.50 | | | | | | | | |
| | 1336 | 23.22 | | | | | 111703.5 | | | Shutdown |
| | 1338 | 58.50 | | | | | 74 gal | | | |
| | 1340 | 68.10 | | | | | | | | |
| | | | | | | | | | | 47.47' rise @ 7.4 gpm |
| | | | | | | | | | | 3/17/05 |

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# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | Former Boeing C-6 Parcel C Amendment Well | Well Number | AW0113 B |
| Project Location | 1350 Knox Street, Los Angeles, CA | Page | 1 of 1 |
| Project Number | 28882-502 | Technician Name | R. Ramzi |
| Date | 3/3/05 | Date Well Installed | 2/7/05 |
| Height of Well Head Stick-up | 3.51 | Date Well Developed | 3/2/05 |
| Observation Wells Used | NA | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) X10 | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0113B | 1204 | 71.61 | — | — | — | — | 977 | — | — | |
| | 1206 | | | | 10 | | | | | Started pumping |
| | 1208 | 69.17 | | | | | | | | |
| | 1210 | 68.87 | | | | | | | | |
| | 1212 | 68.71 | | | 10 | | | | | |
| | 1214 | 68.70 | | | | | | | | |
| | 1216 | 68.67 | | | | | 987 | | | |
| | 1218 | 68.65 | | | | | 989 | | | Shutdown |
| | 1220 | 71.28 | | | | | 120 gal | | | |
| | 1222 | 71.41 | | | | | | | | 2.96 ft of Water |
| | 1224 | 71.47 | | | | | | | | Level rise @ 10 gpm. |
| | 6 min Recovery | | | | | | | | | |

PRS 3/7/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW0114B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28782-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 2/8/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/10/05 |
| Observation Wells Used | NA | Weather | Sunny & hot |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0114B | 1326 | 71.14 | — | — | — | — | 113630.5 | — | — | |
| | 1327 | | | | 10 | | | | | Started |
| | 1329 | 42.80 | | | ↓ | | | | | |
| | 1331 | 42.65 | | | | | | | | |
| | 1333 | 42.93 | | | | | | | | |
| | 1335 | 43.00 | | | | | | | | |
| | 1337 | 42.88 | | | | | 113720 | | | Shutdown |
| | 1339 | 64.00 | | | | | | | | |
| | 1341 | 70.20 | | | | | 89.5 gal | | | |
| | | | | | | | | | | 28.26' rise @ ~8.95 gpm |
| | | | | | | | | | | PKS 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW00115B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/10/05 | Date Well Installed | 2/10/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/9/05 |
| Observation Wells Used | NA | Weather | Cloudy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW00115B | 1011 | 70.34 | — | — | — | — | 113093 | — | — | |
| | 1012 | | | | 10 | | | | | Started |
| | 1014 | 68.06 | | | ↓ | | | | | |
| | 1016 | 67.96 | | | | | | | | |
| | 1018 | 67.81 | | | | | | | | |
| | 1020 | 67.80 | | | | | | | | |
| | 1022 | 67.73 | | | | | | | | |
| | 1024 | 69.93 | | | | | 113180.5 | | | Shutdown |
| | | | | | | | 87.5 gal. | | | |
| | | | | | | | | | | 2.61' rise @ ~8.7 gpm |
| | | | | | | | | | | AKS 3/17/05 |

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# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | Former Boeing C-6 Parcel C Amendment Well | Well Number | AW@116 B |
| Project Location | 1350 Knox Street, Los Angeles, CA | Page | 1 of 1 |
| Project Number | 28882-502 | Technician Name | R. Ramzi |
| Date | 3/3/05 | Date Well Installed | Tue 2/8/05 |
| Height of Well Head Stick-up | 2.0 | Date Well Developed | 3/3/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW@116B | 1548 | 69.98 | — | — | — | — | 10215 | — | — | |
| | 1550 | | | | 10 | | | | | Started pumping |
| | 1552 | 49.22 | | | | | | | | |
| | 1554 | 45.45 | | | | | | | | |
| | 1556 | 44.70 | | | | | | | | |
| | 1558 | 44.33 | | | | | | | | |
| | 1600 | 44.00 | | | | | | | | |
| | 1602 | 44.90 | | | | | | | | |
| | ~~1603~~ | | | | | | | | | ran out of water (flow rate dropped) |
| | 1604 | 63.10 | | | | | 10313 | | | |
| | 1606 | 67.30 | | | | | 98 gal. | | | |
| | 1608 | 69.58 | | | | | | | | |
| | | 6 min recovery | | | | | | | | 25.08 ft rise @ ~8 gpm |

RRS 3/7/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PHT | Well Number | ~~AW0017UB~~ 117UB (ISM) |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 2/10/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/9/05 |
| Observation Wells Used | NA | Weather | Sunny & windy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0017UB | 1612 | 68.66 | — | — | — | — | 112308.5 | — | — | |
| | 1614 | | | | | | | | | |
| | 1616 | 61.92 | | | 10 | | | | | Started |
| | 1618 | 61.69 | | | ↓ | | | | | |
| | 1620 | 61.56 | | | | | | | | |
| | 1622 | 61.51 | | | | | | | | |
| | 1624 | 61.51 | | | | | 112407.5 | | | Shutdow |
| | 1626 | 64.90 | | | | | | | | |
| | 1628 | 65.40 | | | | | | | | |
| | | | | | | | 99 gal. | | | |
| | | | | | | | | | | 7.15' rise @ 9.9 gpm |
| | | | | | | | | | | RR 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PHJ | Well Number | AW0119 UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 2/9/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny & windy |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW00119 UB | 1424 | 68.96 | — | — | — | — | 111904 | — | — | |
| | 1425 | | — | — | 10 | — | | | | Started |
| | 1427 | 67.67 | | | | | | | | |
| | 1429 | 67.56 | | | | | | | | |
| | 1431 | 67.50 | | | | | | | | |
| | 1433 | 67.45 | | | | | | | | |
| | 1435 | 67.42 | | | | | 112002 | | | Shutdown |
| | | | | | | | 98 gal | | | |
| | 1437 | 68.48 | | | | | | | | |
| | | | | | | | | | | 1.54' rise @ 9.8 gpm |
| | | | | | | | | | | 3/17/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C6 PH3 AWs | Well Number | AW0120 B |
| Project Location | 1451 ½ Knox St LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | T. HAMMOND / Ramzi Ramzi |
| Date | TU 3/1/05 | Date Well Installed | M 2/7/05 |
| Height of Well Head Stick-up | 3.0' ← | Date Well Developed | TU 3/1/05 |
| Observation Wells Used | NA | Weather | CLOUDY 70° |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) X 10 | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0120 B | 1020 | 68.2 | | | | | 910 (0 gal) | | | |
| | ~~1038~~ | | | | | | | | | |
| | ~~1038~~ 1040 | ~~66.5~~ | 67.5 | | 10 | | | | | |
| | 1041 | ~~67.4~~ | 67.4 | | | | | | | |
| | 1042 | ~~67.3~~ | 67.3 | | | | 917 (70 gal) | | | |
| | 1044 | ~~66.9~~ | 66.9 | | | | | | | |
| | 1046 | | 66.09 | | | | | | | |
| | 1048 | | 66.0 | | | | | | | |
| | 1050 | | 65.91 | | | | ~~925~~ (150 gal) | | | Shutdown Pump |
| | 1051 | | 67.1 | | | | ~~1025~~ | | | |
| | 1052 | | 67.4 | | | | | | | |
| | 1054 | | 67.92 | | | | | | | 2.29 ft rise @ 10 gpm |
| | 1056 | | 67.98 | | | | | | | |

[signature] 3/3/05

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August 2004

BOE-C6-0051543

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | Former Boeing C-6 Parcel C Amendment Well | Well Number | AW0122B |
| Project Location | 1350 Knox Street, Los Angeles, CA | Page | 1 of |
| Project Number | 28882-502 | Technician Name | R. Ramzi |
| Date | 3/3/05 | Date Well Installed | 2/8/05 |
| Height of Well Head Stick-up | 3.5' | Date Well Developed | 3/3/05 |
| Observation Wells Used | NA | Weather | Sunny & Warm |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0122B | 1413 | 71.45 | — | — | — | — | 10004 | — | — | |
| | ~~1420~~ | | | | | | | | | ~~Started~~ |
| | 1420 | | | | 10 | | | | | Started |
| | 1421 | 68.90 | | | | | | | | |
| | 1422 | 68.20 | | | | | | | | |
| | 1424 | 66.96 | | | | | | | | |
| | 1426 | 66.79 | | | | | | | | |
| | 1428 | 66.76 | | | | | | | | |
| | 1430 | 66.75 | | | | | 10108 | | | Shutdown |
| | 1432 | 70.30 | | | | | | | | |
| | 1434 | 71.34 | | | | | 104 gal | | | 4.70 ft rise @ 10 gpm. |
| | 1436 | 71.36 | | | | | | | | |
| | | 6 min. recovery | | | | | | | | |

PR 3/7/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | Former Boeing C-6 Parcel C Amendment Well | Well Number | AW0124 B |
| Project Location | 1350 Knox Street, Los Angeles, CA | Page | 1 of 1 |
| Project Number | 28882-502 | Technician Name | R. Ramzi |
| Date | 3/7/05 | Date Well Installed | 2/9/05 |
| Height of Well Head Stick-up | 3' | Date Well Developed | 3/3/05 |
| Observation Wells Used | NA | Weather | Sunny & warm |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0124B | 1448 | 71.12 | — | — | — | — | 10108 | — | — | |
| | 1450 | | | | 10 | | | | | Started pumping |
| | 1451 | 54.25 | | | | | | | | |
| | 1452 | 53.30 | | | | | | | | |
| | 1454 | 60.90 | | | | | | | | |
| | 1456 | 60.41 | | | | | | | | |
| | 1458 | 59.81 | | | | | | | | |
| | | | | | | | 10215 | | | |
| | | | | | | | 107 gal | | | Shutdown, ran out of water |
| | 1502 | 67.6 | | | | | | | | |
| | 1504 | 69.8 | | | | | | | | |
| | 1506 | 70.6 | | | | | | | | |
| | | 6 min recovery | | | | | | | | |

3/7/05

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# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PHJ | Well Number | AW0126 B |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 2/10/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny & Cool |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0126B | 1515 | 69.30 | — | — | | | 112126 | — | — | |
| | 1517 | | | | 10 | | | | | Started |
| | 1519 | 62.90 | | | | | | | | |
| | 1521 | 62.19 | | | | | | | | |
| | 1523 | 61.92 | | | | | | | | |
| | 1525 | | | | | | | | | |
| | 1527 | | | | | | | | | |
| | | | | | | | | | | → ran out of water, test conducted again |
| | 1552 | 69.30 | | | | | | | | |
| | | | | | | | ~112200 | | | → started |
| | 1554 | 62.50 | | | 10 | | | | | |
| | 1556 | 61.65 | | | | | | | | |
| | 1558 | 61.31 | | | | | | | | |
| | 1600 | 61.05 | | | | | | | | |
| | 1602 | 60.91 | | | | | ~112300 | | | Shutdown |
| | 1604 | 66.25 | | | | | | | | |
| | 1606 | 68.95 | | | | | | | | |
| | | | | | | | 100 gal | | | ~8.25' @ ~10 gpm |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C-6 PH3 | Well Number | AW[redacted]0127 UB |
| Project Location | 1451 Knox St., LA, CA | Page | 1 of 1 |
| Project Number | 28882-505 | Technician Name | R. Ramzi |
| Date | 3/9/05 | Date Well Installed | 2/9/05 |
| Height of Well Head Stick-up | | Date Well Developed | 3/8/05 |
| Observation Wells Used | NA | Weather | Sunny |

| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW00127UB | 1449 | 69.50 | | | | | 112013.5 | | | |
| | 1450 | | | | 10 | | | | | Started |
| | 1452 | 57.11 | | | ↓ | | | | | |
| | 1454 | 56.73 | | | | | | | | |
| | 1456 | 56.50 | | | | | | | | |
| | 1458 | 56.34 | | | | | | | | |
| | 1500 | 56.30 | | | | | 112115 | | | Shutdown |
| | 1502 | 65.50 | | | | | | | | |
| | 1504 | 69.23 | | | | | 111.5 gal | | | |
| | | | | | | | | | | 13.2' rise @ 10 gpm |

PRS 3/17/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C6 FM3 AW's | Well Number | AW0168LB |
| Project Location | 1451 1/2 KNOX ST CA, CA | Page | 1 of |
| Project Number | 28882 - 505 | Technician Name | T. Hammond / Ramzi Ramzi |
| Date | TU 3/1/05 | Date Well Installed | M 2/7/05 |
| Height of Well Head Stick-up | 3.0' | Date Well Developed | TU 3/1/05 |
| Observation Wells Used | NA | Weather | Cloudy 65° |

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) X10 | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW0168LB | 911 | 71.0 | | | | | | | | Actual reading = 71-3 = 68' |
| | 914 | 68.2 | | | 10 | | 898 | (0 gal.) | | |
| | 917 | 65.75 | | | ↓ | | | | | |
| | 919 | 65.51 | | | " | | 901 | (20 gal | | |
| | 921 | 65.35 | | | | | 905.5 | (75 gal) | | |
| | 923 | 65.24 | | | " | | | | | |
| | 925 | 65.2 | | | | | 907.5 | (95 gal | | |
| | 927 | 65.12 | | | " | | 909.5 | (115 gal) | | Shutdown pump |
| | 929 | 70.7 | | | | | | | | |
| | 931 | 70.81 | | | | | | | | |
| | 933 | 70.86 | | | | | | | | (5.88' rise @ 10 gpm) |
| | 935 | 70.90 | | | | | | | | |
| | | | | | | | | | | PS 3/3/05 |

HALEY & ALDRICH

# Amendment Well Water Injection Test Form

| | | | |
|---|---|---|---|
| Project Name | C6 PHASE 3 AW's | Well Number | AW017OLB |
| Project Location | 1451 1/2 KNOX ST LA, CA | Page | 1 of 2 |
| Project Number | 28882-505 | Technician Name | T. HAMMOND / Ramzi Ramzi |
| Date | Wed ~~TU~~ 3/2/05 | Date Well Installed | SA 2/5/05 |
| Height of Well Head Stick-up | -1.5' bgs | Date Well Developed | TU 3/1/05 |
| Observation Wells Used | NA | Weather | CLOUDY 65° |

1 of 2

| Well I.D. | Time (24 hr) | Depth to Water in Well (feet below TOC) 6.25 | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW017OLB | ~~1430~~ 810 | ~~73.1~~ 68 | NA | NA | START | 0 | ~~10~~ 9845 | | | |
| | 815 | 65 | | | 2.85 | | | | | |
| | 817 | 51.5 | | | ↓ | | | | | Flow Rate = 3 gpm |
| | 820 | 44.0 | | | | | | | | |
| | 825 | 41.0 | | | 3.00 | | | | | |
| | | | | | | | | | | → Switched to higher capacity pump |
| | 837 | 36.0 | | | 10.00 | | | | | |
| | 838 | 20.0 | | | ↓ | | | | | |
| | 840 | 14.5 | | | | | | | | |
| | 841 | 13.3 | | | 6.6 | | | | | Adjusted flow rate |
| | 842 | 15.0 | | | " | | | | | |
| | 843 | 14.4 | | | | | | | | |
| | 844 | 14.2 | | | | | | | | Note: |
| | 845 | 14.1 | | | | | | | | Injected @ ~6.6 gpm |
| | 846 | 13.8 | | | | | 9943 | | | w/ water level static |
| | 847 | 13.3 | | | | | | | | at ~ 13 ft bgs. |
| | 848 | 13.3 | | | ↓ | | | | | (55 ft rise @ 6.6 gpm) |
| | 849 | 12.9 | | | " | | 9960 | | | |
| | 850 | 12.8 | | | | | | | | |
| | 851 | 13.0 | | | " | | 9974 | | | |
| | 852 | 21.0 | | | | | | | | Shut down pump |
| | 853 | 43.0 | | | | | | | | |
| | 854 | 55.0 | | | | | | | | Fast Recover |
| | 855 | 59.5 | | | | | | | | |

PRS 3/3/05

HALEY & ALDRICH

# Amendment Well Water Injection Test Form (Continued)

AW017OLB

Date: 3/2/05 Technician Name: Ramzi Ramzi / Travis Hammond



| Well I.D. | Time (24 hr) | Depth to Water In Well (feet below TOC) | Line Pressure (psi) | Well Head Pressure (psi) | Flow Rate (gpm) | Injection Volume (Running Total) (gal.) | Totalizer Reading (gal.) | Depth to Water in Obs. Well No. 1 (ft) | Depth to Water in Obs. Well No. 2 (ft) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| AW017OLB | 856 | 63.8 | | | | | | | | |
| | 857 | 65.2 | | | | | | | | |
| | 858 | 66.1 | | | | | | | | |
| | 859 | 66.7 | | | | | | | | Fast Recovery |
| | 900 | 67.1 | | | | | | | | |
| | 901 | 67.1 | | | | | | | | |
| | 902 | 67.3 | | | | | ~~898~~ 9898 | | | <10 min To Static Level |
| | | | | | | Should ~~10,898~~ | | | | |
| | | | | | | | 153 gallons Total | | | |

Haley & Aldrich, Inc.
Borehole log Well Dev WIT Forms.xls

3/3/05

August 2004