DAILY TOUR REPORT

WDC JOB #: LOCATION: Torrance RIG #: HO-9 DATE: 6 / 29 / 05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
600	700		mob to Site
700			Safety meeting Set up equipment
805			Bail and Surge 32C 955 Bail 30B
			1232 Bail 86B 115 Surge and Bail 44B
			2:15 Surge and Bail 44C 3:26 Surge and
			Bail 43C 428 Surge and Bail 65C
500			Rig down and Sucure site Hook up to Trailer
530	630		mob 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	/
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

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: Ramzi M Ali

CLIENT JOB #: 28882 - 506

OPERATOR: William Thomas

RIG HAND: RIG HAND:

DAILY TOUR REPORT

WDC JOB #: 260F01 LOCATION: RIG #: 141 DATE: 6 / 29 / 05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
7AM	7:30	.5	on site safety meeting
7:30	9:30	2.0	grout. clean up fill water tank (A-100286)
9:30	10AM	.5	Rig set up clear boring to 5 ft.
10AM	—		drill to 103 ft. Set 2" well 30 ft.
—	12AM	2.0	screen sand surge seal
12PM	12:30		lunch Set 2" well
12:30	1:30	1.0	grout. At - 101 ft.
1:30			clean-up decon
			Travel Back

MATERIALS

Record Materials Provided by WDC Exploration & Wells

Item	Unit	Quantity
Gravel Pack Sand	Sack/Foot	/
Transition Sand 3/4	Sack/Foot	10 /
Bentonite Pellets	Bucket/Feet	1 /
Cement —	Sack/Foot	27 /
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	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	0
Core Boxes	Each	
Drums —	Each	0
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
AW00163	0	103'	
			103 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	
Blank	PVC MS SS HDPE	5 10 40 80	2"	75 ft	Level C	Prsn Day	
Screen	PVC MS SS HDPE	5 10 40 80	2"	30 ft			

CLIENT REP: Travis Hammond
CLIENT JOB #: 23382-506
OPERATOR: Ray / A
RIG HAND: Quinton RIG HAND: Juan

DAILY TOUR REPORT

WDC JOB #: 2B0201 LOCATION: TORRANCE RIG #: 148 DATE: 06/29/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
5:30	7:00	1.3	TRAVEL TO SITE
7:00	7:30	.30	H & S and STOP meeting
7:30			Set up drill to 105 ft
	9:30	2.0	well, sand it, surge it, set seal plug
9:30	2:00	4:30	DOWN TIME (no portland cement)
2:00			back fill w/ portland cement
	4:00	2.0	clean up.
4:00	5:30	1.3	TRAVEL BACK TO YARD

MATERIALS

Record Materials Provided by WDC Exploration & Wells

Item	Unit	Quantity
Gravel Pack Sand	Sack/Foot	4 /
Transition Sand	Sack/Foot	/
Bentonite Pellets	Bucket/Feet	3 /
Cement	Sack/Foot	18 /
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	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
AW166LB	0	105	105

COMMENTS

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	
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: TRAVIS HAMMOND
CLIENT JOB #: 28882506
OPERATOR: [illegible]
RIG HAND: DALE RIG HAND: MIKE R

DAILY TOUR REPORT

WDC JOB #: 2B0E01 LOCATION: TORRANCE RIG #: 145 DATE: 6 29 05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
5:30	7:00	1.5	TRAVEL TO JOB SITE
7:00	7:30	.5	H+S
7:30			DRILL + SET A 100' 2" WELL
			SURGE; SEAL + GROUT CLEAN-UP
			MOVE TO NEXT LOCATION
			DRILL + SET A 100.5' 2" WELL
			SURGE; SEAL + GROUT CLEAN UP
	5:30		FUEL-UP RIG + FILL WATER TANK
5:30	6:30		TRAVEL TO SHOP

MATERIALS

Record Materials Provided by WDC Exploration & Wells

Item	Unit	Quantity
Gravel Pack Sand	Sack/Foot	18 /
Transition Sand	Sack/Foot	/
Bentonite Pellets	Bucket/Feet	2 /
Cement	Sack/Foot	24 /
Bentonite Powder	Sack/Foot	2 /
Bentonite Chips	Sack/Foot	4 /
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

RECORD OF INJURY/ACCIDENT/NEAR MISS

DAILY SAFETY TOPIC

DAYS W/O LOST TIME IN 2004

DRILLING STATISTICS

Hole #	From	To	Total
AW 34B	0	103	103
AW 25B	0	105'	105'

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"	60'			

CLIENT REP: TRAVIS HAMMOND
CLIENT JOB #: 29882-506
OPERATOR:
RIG HAND: RIG HAND:

DAILY TOUR REPORT

WDC JOB #: 2BOE01 LOCATION: Torrance / Fuering RIG #: 110-S DATE: 6/29/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
7:00	7:30	.5	Health and safety
7:30	8:00	.5	Filled water truck
8:00	11:30	3.5	Baled and surged two wells. 2nd well was down
11:30	12:00	.5	Lunch
12:00	5:30	5.5	Injected water into wells. Watered down site. Filled water truck

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 10

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: Kam[illegible] Al
CLIENT JOB #: 28882-506
OPERATOR: [illegible] SIGNATURE
RIG HAND: RIG HAND:

DAILY TOUR REPORT

WDC JOB #: 2B0E01 LOCATION: C-6 RIG #: 154 DATE: 6/29/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
7:00	7:30	.5	H+S
7:30	8:30	1.0	Fill H2O tanks, move to 14C
8:30	11:30	3.0	Drill from 0' to 119'
			Set 2" well @ 118'
			Set filter pack
11:30	12:00	.5	lunch
12:00	3:00	3.0	Set seal, grout, move to
3:00	4:30	1.5	Drill from 0' to 90'
4:30	5:00	.5	Secure site - Josh out @ 6:30 due to sleep

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
14C	0	119'	119'
13C	0'	90'	90'

COMMENTS

TOTAL RIG HOURS WORKED

Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan:
Blank	PVC MS SS HDPE	5 10 40 80	2"	100'	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"	20'			

CLIENT REP: TRAVIS HAMMOND
CLIENT JOB #: 29982-506
OPERATOR: [signature]
RIG HAND: D. BAUDY RIG HAND: JOSH

DAILY TOUR REPORT

WDC JOB #: 2BOE01 LOCATION: Torrance CA RIG #: 147 DATE: 6/24/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
[illegible]	0700	2.0	Travel to the jobsite at Torrance CA.
700	730	0.5	Health and safety meeting
730	1200	4.5	Drill 2 monitoring water well one 0 to 65 feet
			move to the next well from 0 to 70 feet
1200	1230	0.5	lunch
			First well, had to stop meeting readings was to
			high, client request to stop then move to the
			next one.
			hand auger, clean holes
			clean up

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	/
[illegible]ite Powder	Sack/Foot	/
[illegible]nite 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 2005

DRILLING STATISTICS

Hole #	From	To	Total
AWOO 23BB	0	65	
AWOO [illegible]	0	95	

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: Glenn [illegible]
CLIENT JOB #: 28882-506
OPERATOR: [illegible] SIGNATURE
RIG HAND: [illegible] RIG HAND: [illegible]

DAILY TOUR REPORT

WDC JOB #: 23E01 LOCATION: C-6 RIG #: 154 DATE: 6/30/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
7:00	12:00	5.0	Drill from 90' to 118'
			Set 2" well @ 117
			Grout
12:00	12:30	.5	lunch
12:30	5:30	5.0	Drill MW 21B + MW 11B - set 2 MW's (100')
5:30	7:00	1.5	clean up

MATERIALS

Record Materials Provided by WDC Exploration & Wells

Item	Unit	Quantity
Gravel Pack Sand #2	Sack/Foot	25 /
Transition Sand	Sack/Foot	/
Bentonite Pellets	Bucket/Feet	7 /
Cement	Sack/Foot	42 /
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 Ø2"	Each	3
Slip Cap 2"	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	

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
13C	90'	118'	28'
11B	0'	100'	100'
21B	0'	100'	100'

COMMENTS

TOTAL RIG HOURS WORKED

Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan:
Blank	PVC MS SS HDPE	5 10 40 80	2"	240	Per Diem	Prsn/Day	3
Blank	PVC MS SS HDPE	5 10 40 80	2"	60'	Level C	Prsn Day	
Screen	PVC MS SS HDPE	5 10 40 80	2"	20'			

CLIENT REP: TRAVIS HAMMOND
CLIENT JOB #: 23882-506
OPERATOR: [signature]
RIG HAND: D. DAVOV RIG HAND: MIK

DAILY TOUR REPORT

WDC JOB #: [illegible] LOCATION: [illegible] RIG #: 10-5 DATE: 6 [illegible] 05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
[illegible]	[illegible]	5	Rebuild and surged 4 wells
[illegible]	[illegible]	.5	Lunch
[illegible]	[illegible]	5	Rebuild and surged 1 well
[illegible]	515	1.75	Pumped out water

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 1.75

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: Tony Blake

CLIENT JOB #: 28882-506

OPERATOR: [illegible]

RIG HAND: RIG HAND:

DAILY TOUR REPORT

WDC JOB #: 2B0E01 LOCATION: TORRANCE RIG #: 145 DATE: 6/30/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
5:30	7:00		TRAVEL TO JOB SITE
7:00	7:30		~~DE~~ H&S
7:30			DRILL + SET A 100.5' 2" WELL
			SURGE SET SEAL + COMPLETE
			CLEAN-UP MOVE TO NEXT LOCATION
			DRILL + SET A 118' 2" WELL
			SURGE, SEAL + COMPLETE
			MOVE TO 3RD LOCATION DRILL +
			SET A 102' 2" WELL
			(SURGE BLOCK GOT STUCK IN WELL
			TRIED TO PULL OUT SURGE BUT DIDN'T
	7:00		COME OUT)
7:00	8:00		TRAVEL TO ANAHEIM SHOP

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	7 /
Cement	Sack/Foot	48 /
Bentonite Powder	Sack/Foot	4 /
Bentonite Chips	Sack/Foot	2 /
Volclay Grout	Sack/Foot	/
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	

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
AW16LB	0	103	103'
AW9C	0	123	123'
AW14B	0	105	105'

COMMENTS

TOTAL RIG HOURS WORKED

Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan:
Blank	PVC MS SS HDPE	5 10 (40) 80	2"	250'	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"	40/20			

CLIENT REP: [illegible]
CLIENT JOB #: 28B2506
OPERATOR: RUBEN LARES
RIG HAND: GILBERT RIG HAND: MIGUEL

DAILY TOUR REPORT

WDC JOB #: 250001 LOCATION: Lawrence CA RIG #: 1[illegible] DATE: 6/[illegible]/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
[illegible]	730	05	Health and safety meeting
730	2:00	11.5	Drill from 65 to 103 feet, set well
			Drill from 95 to 103, set well
			Drill from 0 to 103 set well
1:00	1:30	05	Lunch
[illegible]			Clean up

MATERIALS

Record Materials Provided by WDC Exploration & Wells

Item	Unit	Quantity
Gravel Pack Sand	Sack/Foot	/
Transition Sand	Sack/Foot	27 /
Bentonite Pellets	Bucket/Feet	/
Cement	Sack/Foot	43 /
[illegible]nite Powder	Sack/Foot	/
Bentonite Chips	Sack/Foot	/
Volclay Grout	Sack/Foot	4 /
Sand Grout	Yard/Foot	/
Enhanced Grout	Sack/Foot	/
Centralizers	Each	3
Threaded Cap	Each	
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	

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 2005

DRILLING STATISTICS

Hole #	From	To	Total
~~AW00~~	~~0~~	~~65~~	
AW00 [illegible]	95	103	
AW00 [illegible]	[illegible]	103	
AW00 [illegible]	0	103	

COMMENTS

TOTAL RIG HOURS WORKED

Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan:
Blank	PVC MS SS HDPE	5 10 40 80		225	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		90			

CLIENT REP: [illegible] SIGNATURE
CLIENT JOB #: 28882-506
OPERATOR: [illegible] SIGNATURE
RIG HAND: [illegible] RIG HAND: [illegible]

DAILY TOUR REPORT

WDC JOB #: 7 FUEL LOCATION: Torrance RIG #: 110-5 DATE: 7 11 05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
[illegible]	[illegible]	4.5	Injected 6 wells

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] Al
CLIENT JOB #: 28882-506
OPERATOR: SIGNATURE
RIG HAND: RIG HAND:

DAILY TOUR REPORT

WDC JOB #: 28OE 01 LOCATION: TORRANCE RIG #: 145 DATE: 7 / 1 / 05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
5:30	7:00		TRAVEL TO SITE
7:00	7:30		H + S
7:30			PULL OUT WELL # + RE DRILL
			+ RE SET AT 102' DRILLED TO 105'
	12:00		SURGE SEAL + GROUT
12:00	3:30		CLEAN UP SITE TOP OFF HOLES
			EMPTY DRUMS BY BAKER TANK
			EVERYTHING CLIENT REQUESTED
			WAS DONE

MATERIALS

Record Materials Provided by WDC Exploration & Wells

Item	Unit	Quantity
Gravel Pack Sand	Sack/Foot	9 /
Transition Sand	Sack/Foot	/
Bentonite Pellets	Bucket/Feet	1 /
Cement	Sack/Foot	33 /
Bentonite Powder	Sack/Foot	3 /
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
AVG	0	105	
REDRILL			

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	2"	30'			

CLIENT REP: [illegible]
CLIENT JOB #: 28PP2-S06
OPERATOR: [illegible]
RIG HAND: Gilbert RIG HAND:

DAILY TOUR REPORT

WDC JOB #: 2B0201 LOCATION: Torrance CA RIG #: 147 DATE: 7/1/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
[illegible]	7:30	0.5	Health and safety meeting
7:30	12:00	4.5	Drill well from 0 to 103 set well
12:00	12:30	0.5	lunch
12:30	2:00	1.5	clean up
3:00	5:00	2.0	Travel to the yard at Montclair CA
[illegible]	[illegible]		

MATERIALS

Record Materials Provided by WDC Exploration & Wells

Item	Unit	Quantity
Gravel Pack Sand	Sack/Foot	/
Transition Sand	Sack/Foot	9 /
Bentonite Pellets	Bucket/Feet	/
Cement	Sack/Foot	16 /
[illegible]nite 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	2 /
Expansion Plug	Each	2 /
_____" 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 2005

DRILLING STATISTICS

Hole #	From	To	Total
AW00			
12B	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"	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: Glenn [illegible] SIGNATURE
CLIENT JOB #: 28882.506
OPERATOR: Ignacio [illegible] SIGNATURE
RIG HAND: [illegible] Rios RIG HAND: Edmond O.

DAILY TOUR REPORT

WDC JOB #: 28BE01 LOCATION: C-6 RIG #: 15-1 DATE: 7/12/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
5:00	7:00	2.0	LOAD SUPPLIES, TRAVEL TO SITE
7:00	7:30	.5	H+S - SET UP
7:30	10:00	2.5	DRILL FROM 0' TO 120'
10:00	10:30	.5	UNLOAD SUPPLIES, DUMP HOPPER
10:30			
			4.00
			6.00
			2.0
	4:30		14.00
			12

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 2005

DRILLING STATISTICS

Hole #	From	To	Total
13C	0	120	120'

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: TRAVIS HAMMOND
CLIENT JOB #: 28882-506
OPERATOR: SIGNATURE
RIG HAND: RIG HAND:

DAILY TOUR REPORT

WDC JOB #: 2B0F01 LOCATION: C-6 RIG #: 154 DATE: 7/13/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
5:00	7:00	2.0	LOAD H_2O, TRAVEL TO SITE
7:00	7:30	.5	H&S, SET UP
7:30	10:00	2.5	GROUT UP 13C (2" WELL)
10:00	12:00	2.0	SET UP ON ABANDONMENT DRILL TO 65'
12:00	12:30	.5	LUNCH
12:30	2:30	2.0	DRILL FROM 65' TO 120'
2:30	5:00	2.5	ATTEMPT TO GROUT UP BORING - BRIDGED PELLETS @ 94'
5:00	6:00	1.0	CLEAN UP, LOAD TRUCKS
6:00	7:30	1.5	TRAVEL TO YARD

MATERIALS

Record Materials Provided by WDC Exploration & Wells

Item	Unit	Quantity
Gravel Pack Sand	Sack/Foot	/
Transition Sand	Sack/Foot	/
Bentonite Pellets	Bucket/Feet	12 /
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

ABANDON

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 2005

DRILLING STATISTICS

Hole #	From	To	Total
13C	0'	120	120'

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 #: 28882-506
OPERATOR: [signature] SIGNATURE
RIG HAND: Miguel RIG HAND: Quinton

DAILY TOUR REPORT

WDC JOB #: 28080 | LOCATION: Torrance | RIG #: 141 | DATE: 7/8/05

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
5:00	6:00	1.0	Shop
6:00	7:30	1.5	Travel
7:30	8:30	1.0	Safety meeting Rig set up
8:30			Drill 8" Auger to 95 ft.
			Backfill w/ pellets 95 ft - 55 ft.
			55 ft. 50 ft. w/ chip
			grout. w/ portland cement 50 ft. 0 ft.
			decon drain water into Baker tank
	11:00	4.5	Clean up load truck
11:00			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	16 /
Cement —	Sack/Foot	11 /
Bentonite Powder	Sack/Foot	/
Bentonite Chips —	Sack/Foot	4 /
Volclay Grout —	Sack/Foot	1 /
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	0
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	95 ft	
			95 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	
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 #: 28882-506
OPERATOR: [illegible]
RIG HAND: Ed
RIG HAND:

ATTACHMENT G

Well Development Records

HALEY & ALDRICH

Well Development Record

AWØ 134 UB

Project Name: Boeing C-6
Project Location: 1451 Knox St, LA, CA
Project Number: ~~28882-506~~
Technician: R. Ramzi

Date: 06/13/05
Weather: overcast
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from top of SU 94.35'
Static Water Level (DTW) 70.0'
Standing Water Column (WC) (TD - DTW) 24.35'

Casing Diameter (inches) 2"
Screen Length (feet) 20'
Borehole Diameter (inches) 6"
Date Installed 6/7/05

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 Depth to grout = 2'5"
Check Valve? stick-up height = 3'
Drilling Company WDC

Surging and Bailing

Start Time: 0930 Finish Time: 1000 Comments: bailing
Start Time: ~~1000~~ Finish Time: ~~1020~~ Comments: surging
Start Time: Finish Time: Comments:
Start Time: ~~1020~~ Finish Time: 1055 Comments: bailing

16 gal total
TD = 94.85'
DTW = 70.31'

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)
1100	TD =	94.85'							
	DTW =	70.31'							

QA/QC: DR
Date: 6/15/05

HALEY & ALDRICH

Well Development Record

AWΦ 132 B

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: 28832-506
Technician: R. Ramzi

Date: 06/13/05
Weather: overcast
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC 100.51
Static Water Level (DTW) } 70.09
Standing Water Column (WC) (TD - DTW) 30.42

Casing Diameter (inches) 2"
Screen Length (feet) 30'
Borehole Diameter (inches) 6"
Date Installed 06/08/05

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) / Depth to groute = 1'10"
Pump Description Stick-up ~~Height~~ = 1'11"
Check Valve?
Drilling Company WDC

Surging and Bailing

Start Time: 1115 Finish Time: ~~1200~~ 1145 Comments: Bailing
Start Time: ~~1145~~ 1145 Finish Time: 1215 Comments: Surging
Start Time: 1215 Finish Time: 1245 Comments: Bailing
Start Time: Finish Time: Comments: 10 gal of water, 4 gal of sed } total

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)
1245	TD = 100.35'								
	DTW = 70.7'								

QA/QC: RS
Date: 6/15/05

HALEY & ALDRICH

Well Development Record

AW#131 B

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: ~~28882-506~~
Technician: ~~R. Ramzi~~

Date: 06/13/05
Weather: Cloudy / hot
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) ? from TOC 97.03'
Static Water Level (DTW) 69.45'
Standing Water Column (WC) (TD - DTW) 27.58

Casing Diameter (inches) 2"
Screen Length (feet) 30'
Borehole Diameter (inches) 6"
Date Installed 6/7/05

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) / Depth to grout = 2'1"
Pump Description stick-up height = 2.5'
Check Valve?
Drilling Company WDC

Surging and Bailing

Start Time: ~~[illegible]~~ 1245 Finish Time: 1315 Comments: Bailing
Start Time: ~~1315~~ Finish Time: 1345 Comments: Surging
Start Time: ~~1345~~ Finish Time: 1410 Comments: Bailing
Start Time: Finish Time: Comments: ~~8 gal~~

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)
	TD = 104.6'								
	DTW = 70.30'								

QA/QC: [illegible]
Date: 6/15/05

HALEY & ALDRICH

Well Development Record

AW0130B

Project Name: Boeing C-6
Project Location: ~~1451 Knox St.~~, LA, CA
Project Number: ~~28882-506~~
Technician: R. Ramzi

Date: 06-13-05
Weather: Sunny & hot
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } From TOC 97.45'
Static Water Level (DTW) 70.70'
Standing Water Column (WC) (TD - DTW) 26.75'

Casing Diameter (inches) 2"
Screen Length (feet) 30'
Borehole Diameter (inches) 6"
Date Installed 6-8-05

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) Depth to groute = 4.5'
Pump Description stickup ~~height~~ = 3' 11"
Check Valve?
Drilling Company WDC

Surging and Bailing

Start Time: 1430 Finish Time: 1500 Comments: bailing
Start Time: 1500 Finish Time: 1525 Comments: surging
Start Time: 1530 Finish Time: 1600 Comments: bailing
Start Time: Finish Time: Comments: 16 gal total purged

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)
1600	TD = 102.25'								
	DTW = 71.35'								

QA/QC: [signature]
Date: 6/15/05

HALEY & ALDRICH

Well Development Record

AW0129 U8

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: 28882-506
Technician: R. Ramzi

Date: 06/14/05
Weather: over-cast
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC: 93.44
Static Water Level (DTW): 69.13
Standing Water Column (WC) (TD - DTW): 24.31

Casing Diameter (inches): 2"
Screen Length (feet): 20'
Borehole Diameter (inches): 6"
Date Installed: 06/08/05

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) Depth to grout = 3'
Pump Description stick-up height = 3' 11"
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time:	0745	Finish Time:	0820	Comments:	bailing
Start Time:	0820	Finish Time:	0830	Comments:	surging
Start Time:	0830	Finish Time:	0845	Comments:	bailing 10 gal total
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)
	TD =	95.42'							

QA/QC: [illegible]
Date: 6/15/05

HALEY & ALDRICH

Well Development Record

AW0075 UB

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: ~~23882-506~~
Technician: R. Ramzi

Date: 06/14/05
Weather: Cloudy
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC: 93.53'
Static Water Level (DTW) } from TOC: 68.80'
Standing Water Column (WC) (TD - DTW):

Casing Diameter (inches): 2"
Screen Length (feet): 20'
Borehole Diameter (inches): 6"
Date Installed: 6/8/05

Well Purging Data

Purge Method: bail / surge / bail
Well Volume (gallons) CD² (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469):
Number of Volumes to be Purged:
Total Gallons to be Purged: NA

(gpm) Depth to grout = 3'7"
Pump Description: stick-up height = 5'9"
Check Valve?
Drilling Company

Surging and Bailing

Start Time:	0900	Finish Time:	0930	Comments: bailing	10 gal
Start Time:	0930	Finish Time:	0940	Comments: surging	
Start Time:	0945	Finish Time:	1000	Comments:	13 gal
Start Time:		Finish Time:		Comments:	23 ~~gal total~~

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)
	TD =	90.25'	(stick-up = 6")						
	+	5.00'	removed stick-up @ joint before development						
		95.25	below top of stickup w/ 5' ext.						

QA/QC: [illegible]
Date: 6/15/05

HALEY & ALDRICH

Well Development Record

AW0073 C

Project Name	Boeing C-6	Date:	06/14/05
Project Location	1451 Knox St, LA, CA	Weather:	Cloudy
Project Number	~~28882-506~~		
Technician	~~R. Ramzi~~	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } From TOC	111.22'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.30'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)		Borehole Diameter (inches)	6"
		Date Installed	6/9/05

Well Purging Data

Purge Method	bail/surge/bail	(gpm) / Depth to grout =	3' 2"
Well Volume (gallons) CD" (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)		Pump Description Stick-up height =	3' 7"
Number of Volumes to be Purged		Check Valve?	
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	1010	Finish Time: 1020	Comments:	bailing → stopped for car battery
Start Time:	~~1250~~	Finish Time: 1342	Comments:	resumed bailing problems
Start Time:	~~1344~~	Finish Time: ~~1348~~	Comments:	Surging
Start Time:	~~1349~~	Finish Time: ~~1355~~	Comments:	bailing ~~12.5 gal~~ total

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)
TD =		120.60							

QA/QC: PRS

Date: 6/15/05

HALEY & ALDRICH

Well Development Record

AW0067UB

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: 28882-506
Technician: R. Ramei

Date: 06-14-05
Weather: Cloudy
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } From TOC: 86.19'
Static Water Level (DTW) } From TOC: 64.66'
Standing Water Column (WC) (TD - DTW)

Casing Diameter (inches): 2"
Screen Length (feet): 20'
Borehole Diameter (inches): 6"
Date Installed: 6/8/05

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) / Depth to grout = 7"
Pump Description: stick-up Height = 3.5"
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time: 1405 — Finish Time: 1425 — Comments: Bailing
Start Time: 1425 — Finish Time: 1435 — Comments: Surging
Start Time: 1435 — Finish Time: 1445 — Comments: bailing
Start Time: — Finish Time: — Comments: 7 gal total

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)
1450	TD -	90.25'							

QA/QC: PRC
Date: 6/15/05

HALEY & ALDRICH

Well Development Record

AW00 74 UB

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: 28882-506
Technician: R. Ramzi

Date: 06/14/05
Weather: overcast
Page: 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } From TOC: 91.68'
Static Water Level (DTW) } From TOC: 68.69'
Standing Water Column (WC) (TD - DTW): 22.99'

Casing Diameter (inches): 2"
Screen Length (feet): 20'
Borehole Diameter (inches): 6"
Date Installed: 06/09/05

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) Depth to grout = 9.5"
Pump Description: stick-up height = 5'3"
Check Valve?:
Drilling Company:

Surging and Bailing

Start Time:	1455	Finish Time:	1508	Comments:	bailing 3.5 gal
Start Time:	1509	Finish Time:	1515	Comments:	Surging
Start Time:	1520	Finish Time:	1537	Comments:	bailing 8 gal total
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)
	No stick-up → 2" above ground surface								
1538		TD =	90.27'						
		+	5.00	stickup at:					
			95.27'	below	Top of	5'3"	stickup.		

QA/QC:
Date: 6/15/05

HALEY & ALDRICH

Well Development Record

AW0084C

Project Name	Boeing C-6	Date:	06/14/05
Project Location	1451 Knox St, LA, CA	Weather:	Overcast
Project Number	28832-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

From TOC

Total Well Depth (TD)	117.65'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.44'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	51.21	Borehole Diameter (inches)	6"
		Date Installed	06/09/05

Well Purging Data

Purge Method	bail / surge / bail	(gpm) / Depth to grout =	1'9"
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)		Pump Description / Check Valve?	stick-up height = 4'
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	1545	Finish Time:	1605	Comments: bailing	3.5 gal
Start Time:	1607	Finish Time:	1622	Comments: surging	
Start Time:	1625	Finish Time:	1634	Comments: bailing	2.0 gal
Start Time:		Finish Time:		Comments:	5.5 gal total

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)
1635	TD = 120.35			(with stick-up)					

QA/QC: PRS

Date: 6/15/05

MWC004

HALEY & ALDRICH

Well Development Record

[redacted]

Project Name	Boeing C-6	Date:	6-10-05
Project Location	Parcel A MW's	Weather:	cloudy 70°
Project Number	28882-506		
Technician	G. Andrologo	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	116.5	Casing Diameter (inches)	4"
Static Water Level (DTW)	61.85	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	54.65	Borehole Diameter (inches)	10"
		Date Installed	Tues. 6-7-05

Well Purging Data

Purge Method	Pump	(gpm)	6
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	35	Pump Description	2" Grundfos
		Check Valve?	NO
Number of Volumes to be Purged	>3		
Total Gallons to be Purged	>105	Drilling Company	WDC / Eddie

Surging and Bailing

Start Time: bail	0826	Finish Time:	0903	Comments:	85 Gallons
Start Time: surge	0905	Finish Time:	0921	Comments:	
Start Time: bail	0925	Finish Time:	0945	Comments:	450 Gallons
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)	ORP
1035	71.68	131050/0	6							
1040	73.06	131080/30	6	23.25	1087	7.35	126.6	2.70	brn, no odor	111.4
1047	73.70	131120/70	6	23.29	1091	7.63	28.8	2.95	"	98.8
1053	73.96	131160/110	6	22.96	1095	7.70	138.3	2.92	cloudy, no odor	106.1
1058	74.18	131209/159	6	22.82	1107	7.65	131.8	2.92	" "	123.5
1105	74.32	131241/191	6	22.85	1099	7.63	104.1	2.40		118.8
1111	NM	131280/230	6	22.77	1104	7.59	93.1	2.26		105.1
1117	74.61	131320/270	6	23.04	1098	7.55	86.3	2.67		114.4
1120	- off to switch tanks									
1133	- Restart									
1144	74.02	131415/365	6	23.39	1105	7.59	130.0	2.05	cloudy, no odor	109.1
1154	74.30	131470/420	6	23.42	1099	7.55	46.1	2.18	clear, no odor	118
	Total Purged									
	= 550 Gallons									
	(15.7 Well Volumes)									
	TD - 113.86									

QA/QC: [illegible]

Date: 6/14/05

HALEY & ALDRICH

Well Development Record

MWB 007

Project Name	Boeing C-6	Date:	6-9-05
Project Location	LA	Weather:	Cloudy 70°
Project Number	28882-506		
Technician	G. Androsko	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	91	Casing Diameter (inches)	4
Static Water Level (DTW)	60.84	Screen Length (feet)	30
Standing Water Column (WC)	30.16	Borehole Diameter (inches)	10"
(TD - DTW)		Date Installed	6-4-05

Well Purging Data

Purge Method	Pump	(gpm)	5
Well Volume (gallons)	19.6	Pump Description	2" Grundfos
CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)		Check Valve?	No
Number of Volumes to be Purged	>3		
Total Gallons to be Purged	>60	Drilling Company	WDC / Steve

Surging and Bailing

Start Time: Bail ~~Surge~~	0800	Finish Time:	0824	Comments:	50 gallons
Start Time: Surge	0828	Finish Time:	0848	Comments:	
Start Time: Bail	0855	Finish Time:	0915	Comments:	30 gallons DTW 61.13 TD 90.35
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)	ORP
0945	62.35	41690/0							~~DTW~~ ~~62.35~~	
0952	62.42	41725/35	5	23.71	1646	7.76	1263	11.26 ~~134.2~~	~~62.42~~ No odor, brn	45.2
1000	62.46	41770/80	5	22.80	1531	7.61	97.2	11.33	Cloudy, No odor	50.8
1011	62.47	41822/132	5	22.64	1476	7.59	24	11.78	clear, No odor	44.8
1017	62.48	41852/162	5	22.97	1461	7.55	13.7	11.65	clear, No odor	42.0
		Total 162 + 80 = 242								
		12 Well Volumes								

QA/QC: PRS

Date: 6/14/05

HALEY & ALDRICH

Well Development Record

MWC007

Project Name	Boeing C-6	Date:	06-09-2005
Project Location	19503 Normandie Ave.	Weather:	Cloudy
Project Number	22882-506	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD)	116.21	Casing Diameter (inches)	4"
Static Water Level (DTW)	60.99	Screen Length (feet)	20"
Standing Water Column (WC) (TD - DTW)	55.22	Borehole Diameter (inches)	10"
		Date Installed	~~Mar~~ 6/6/03

Well Purging Data

Purge Method	bail, surge, bail	(gpm)	—
Well Volume (gallons)	NA	Pump Description	Grunfo rediflo
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	JWDC

Surging and Bailing

Start Time:	0755	Finish Time:	0825	Comments:	Bailing → 15 gal
Start Time:	0830	Finish Time:	0848	Comments:	Surging
Start Time:	~~0845~~ 0855	Finish Time:	0904	Comments:	Bailing → 5 gal
Start Time:		Finish Time:		Comments:	→ 20 gal tot

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)
0915	—	TD = 117.9'							
		DTW = 61.4'							
0930	—	0	7	—	—	—	—	—	Pumping Started.
1000	—	210	7	22.63	923	7.90	62.9	3.95	ORP = 40.1
1010	—	280	7	22.36	896	7.88	62.5	4.09	ORP = 27.5
1015	—	315	7	22.37	889	7.81	52.9	4.84	ORP = 21.0
1020	—	350	7	22.74	881	7.75	40.9	4.84	ORP = 22.2
1035	—	455	7	23.13	852	7.80	~~[illegible]~~	4.84	ORP = ~~[illegible]~~
							39.8		31.8
1037	→ Shutdown								

QA/QC: RR

Date: 6/14/05

HALEY & ALDRICH

Well Development Record

MWB020

Project Name	Boeing C-6	Date:	06-09-2005
Project Location	19503 Normandie	Weather:	Cloudy
Project Number	28832-506	Page	1 of 2
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD)	79.32'	Casing Diameter (inches)	4"
Static Water Level (DTW)	59.81'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	19.51'	Borehole Diameter (inches)	10"
		Date Installed	Mon 06/06/05

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)	/	Pump Description	Grundfos Redi
Number of Volumes to be Purged	/	Check Valve?	↓
Total Gallons to be Purged	/	Drilling Company	WDC

Surging and Bailing

Start Time:	1135	Finish Time:	1148	Comments:	Bailing
Start Time:	1149	Finish Time:	1201	Comments:	Surging
Start Time:	1202	Finish Time:	1206	Comments:	Bailing
Start Time:		Finish Time:		Comments:	45 gal total

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)
1214	—	TD = 89.63							
		DTW = 60.43							
1235	—	0	5	—	—	—	—	—	Pumping Started
1240	—	25	2.9	—	—	—	—	—	Adjusted PR
1315	—	101.5	4	—	—	—	—	—	" " + lowered pump to 80
									from 75'
1317	—	109.5	4	24.0	1823	7.7	62.0	11.52	ORP = 23.0
1323	→ pump shutdown to transfer water								
1325	→ resume pumping @ 4 gpm								
1327		117.5	4	23.74	1795	7.47	55.0		ORP = 4.5
1332	→ shut down → baker tank current, no room for waste water.								
		117.5 + 55 gal → total = 172.5 gal							

Will resume pumping on 6/10/05

QA/QC: [illegible]
Date: 6/17/05

HALEY & ALDRICH

Well Development Record

MWB020 (Cont'd)

Project Name: Boeing C-6
Project Location: 19503 Normandie Ave.
Project Number: 28882-506
Technician: R. Ramzi

Date: 06-10-2005
Weather: Overcast
Page 1 of 2

Water Level Data (from top of casing)

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

Casing Diameter (inches) 4"
Screen Length (feet) 30'
Borehole Diameter (inches) 10"
Date Installed Mon 6/6/05

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: NA

(gpm) NA
Pump Description: Grundfos Rediflo2
Check Valve? No
Drilling Company: WDC

Surging and Bailing

Start Time: 0830 Finish Time: 0837 Comments: Bailing → 25 gal
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)
0905	—	0	5	—	—	—	—	—	pumping started
0915	—	50	4	—	—	—	—	—	adjusted FR
0925	—	90	4	22.81	1685	7.79	13.3	13.84	ORP = 24.2
0935	—	130	4	22.75	1663	7.72	10.0	13.55	ORP = 26.9
0945	—	170	4	22.74	1655	7.66	5.4	13.81	ORP = 26.8
0948	—	182	4	—	—	—	—	—	Shut down
		+172.5	from	6/9/05					
		354.5	gal Total	Pumped					

QA/QC: ARS
Date: 6/14/05

HALEY & ALDRICH

Well Development Record

MWC 022

Fi

Project Name	Boeing C-6	Date:	6-10-2005
Project Location	19503 Normandie Ave.	Weather:	Overcast
Project Number	~~28882~~ 506	Page	1 of
Technician	~~D.~~ R. Ramer		

Water Level Data (from top of casing)

Total Well Depth (TD)	114.08	Casing Diameter (inches)	4"
Static Water Level (DTW)	61.09	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	52.99	Borehole Diameter (inches)	~~10"~~
		Date Installed	Tu 6/7/2005

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	Grundfos Red. 4/02
Number of Volumes to be Purged		Check Valve?	No
Total Gallons to be Purged		Drilling Company	~~WDC~~

Surging and Bailing

Start Time:	1040	Finish Time:	1105	Comments:	Bailing
Start Time:	1107	Finish Time:	1124	Comments:	Surging
Start Time:	1125	Finish Time:	1145	Comments:	Bailing
Start Time:		Finish Time:		Comments:	50 gallons

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)
1150	TD=115.57								
	DTW=61.78								
1225	—	0	6	—	—	—	—	—	Pumping Started
1240	—	90	6	23.61	1038	7.87	109.9	12.17	ORP = 14.9
1250	—	150	6	23.68	1029	7.82	78.5	13.45	ORP = 12.5
1255	→	shut down, empty flat bed to baker Tank.							
1330	→	resumed pumping @ 6 gpm							
1340	—	210	6	23.84	1010	7.9	55.1	13.59	ORP = 16.9
1355	—	300	6	23.90	994	7.81	49.4	12.96	ORP = 9.5
1410	—	390	6	23.93	989	7.80	25.0	13.26	ORP = 6.3
1412	→	Shut down				412 gal total pumped			

QA/QC: [illegible]

Date: 6/14/05

HALEY & ALDRICH

Well Development Record

MWC-023

Project Name	Boeing C-6	Date:	6-10-05 Fri
Project Location	19503 Normandie	Weather:	Sunny 75°
Project Number	28882-506		
Technician	S. Androsko	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	117.5	Casing Diameter (inches)	4"
Static Water Level (DTW)	61.18	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	56.32	Borehole Diameter (inches)	10"
		Date Installed	Tues 6-7-05

Well Purging Data

Purge Method	Pump	(gpm)	6
Well Volume (gallons) CD² (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	36.6	Pump Description	2" Grundfos
		Check Valve?	No
Number of Volumes to be Purged	>3		
Total Gallons to be Purged	>109	Drilling Company	WDC / Eddie
Set pump @ 105			

Surging and Bailing

Start Time: bail	1331	Finish Time:	1422	Comments: 75 gallons	* 10' Bailer stuck ½ way down well used 5'
Start Time: surge	1425	Finish Time:	1441	Comments:	
Start Time: bail	1457	Finish Time:	1515	Comments: 20	
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)	ORP
1604	71.24	131484/0	6							
1608	82.95	131510/16	6	24.34	1389	7.53	127.1	3.73	Brn, No odor	140.2
1618	87.84	131590/106	6	23.35	1410	7.51	148.1	4.20	Cloudy, sweet odor	145.5
1625	88.47	131644/160	6	23.49	1406	7.42	48.4	4.50	" "	145.0
1630	89.07	131674/190	6	23.21	1396	7.45	23.6	9.71	clear,	142.3
	Total Purged									
	= 2.85									
	(7.8 cu ft volumes)									
	TD = 114.85									

QA/QC: PRS

Date: 6/14/05

HALEY & ALDRICH

Well Development Record

AW00076 UB

Project Name	Boeing C-6	Date:	06/15/05
Project Location	1451 Knox St, LA, CA	Weather:	Cloudy
Project Number	~~28882~~ 28882-506	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	84.86'	Casing Diameter (inches)	2"
Static Water Level (DTW) }	63.78	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	21.08'	Borehole Diameter (inches)	6"
		Date Installed	6/8/05

Well Purging Data

Purge Method	bail/surge/bail	(gpm) / Pump Description	Depth to grout = 2' 9" Stickup height = 8"
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged	↓		
Total Gallons to be Purged	↓	Drilling Company	WDC

Surging and Bailing

Start Time:	0800	Finish Time:	0835	Comments:	Bailing 7 gal
Start Time:	0835	Finish Time:	0842	Comments:	Surging
Start Time:	0842	Finish Time:	0912	Comments:	bailing 2.5 gal
Start Time:		Finish Time:		Comments:	9.5 gal total

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)
0913		TD =	90.3'	✓					

QA/QC: RR

Date: 6/16/05

HALEY & ALDRICH

Well Development Record

AW0046 B

Project Name	Boeing C-6	Date:	6/15/05
Project Location	1451 Knox St, LA, CA	Weather:	Sunny, windy, hot
Project Number	28882-506	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	97.3'	Casing Diameter (Inches)	2"
Static Water Level (DTW) } from TOC	68.42	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	28.88'	Borehole Diameter (inches)	6"
		Date Installed	6/9/05

Well Purging Data

Purge Method	bail/surge/bail	(gpm) / Depth to grout =	6'4"
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	N/A	Pump Description	Stick-up Height = 4.5'
Number of Volumes to be Purged		Check Valve?	
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	1038	Finish Time:	1122	Comments: Bailing	7 gal + 4 gal
Start Time:	1123	Finish Time:	1132	Comments: Surging	
Start Time:	1132	Finish Time:	1220	Comments: bailing	4 + 2.5 gal
Start Time:		Finish Time:		Comments:	17.5 gal total

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)
1350		TD =	105.20' (with stick-up)						

QA/QC: PR

Date: 6/16/05

HALEY & ALDRICH

Well Development Record

AW 0056 UB

Project Name	Boeing C-6	Date:	06/15/05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	28882-506		
Technician	R. Ramz	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	86.89'	Casing Diameter (inches)	2"
Static Water Level (DTW)	63.61'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	23.28'	Borehole Diameter (inches)	6"
		Date Installed	6/9/05

Well Purging Data

Purge Method	bail/surge/bail	(gpm) / Pump Description	Depth to grout = 2' 10" stick-up height = 0' (@ ground surface) *
Well Volume (gallons) CD² (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	0922	Finish Time:	0940	Comments: bailing	4 gal
Start Time:	0941	Finish Time:	0952	Comments: surging	
Start Time:	0954	Finish Time:	1025	Comments: bailing	7.5 gal total

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)
1028		TD = 90.25'							

QA/QC: PBS

Date: 6/16/05

HALEY & ALDRICH

Well Development Record

AW0105C

Project Name	Boeing C-6	Date:	6/20/05
Project Location	1451 Knox St, LA, CA	Weather:	Sunny & hot
Project Number	28887-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	117.81	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	66.18'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	51.63	Borehole Diameter (inches)	6"
		Date Installed	6/15/05

Well Purging Data

Purge Method	Bail, Surge, Bail	(gpm)	Depth to grout = 1.5'
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Pump Description	Stick-up height = 3'
Number of Volumes to be Purged	↓	Check Valve?	
Total Gallons to be Purged	↓	Drilling Company	WDC

Surging and Bailing

Start Time:	0840	Finish Time:	0900	Comments:	Bailing
Start Time:	0900	Finish Time:	0915	Comments:	Surging
Start Time:	0915	Finish Time:	0930	Comments:	Bailing
Start Time:		Finish Time:		Comments:	8 gal bailed total ≈ 1 ft of sed. removed (settled in bucket)

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)
Note:		casing was damaged @ middle of stick-up							
		→ was cut down to ground surface.							
		→ Stick-up height = 0 ft							
	TD after development = 117.59'								

QA/QC: Cdle

Date: 6-21-05

HALEY & ALDRICH

Well Development Record

AW0094C

Project Name	Boeing C-6	Date:	6/20/05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	? from TOC	120.03'	Casing Diameter (inches) 2"
Static Water Level (DTW)		66.62'	Screen Length (feet) 20'
Standing Water Column (WC) (TD - DTW)		53.41'	Borehole Diameter (inches) 6"
			Date Installed 6/16/05

Well Purging Data

Purge Method	Bail, Surge, Bail	(gpm)	Depth to grout = 4'
Well Volume (gallons)	NA	Pump Description	Stick-up height = 41"
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:	0940	Finish Time:	1000	Comments:	Bailing
Start Time:	1000	Finish Time:	1015	Comments:	Surging
Start Time:	1015	Finish Time:	1024	Comments:	Bailing
Start Time:		Finish Time:		Comments:	6 gal total, 0.5' of sed. in bucket

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)
	TD = 120.55'								

QA/QC: [illegible]

Date: 6-21-05

HALEY & ALDRICH

Well Development Record

AW00 96 UB

Project Name	Boeing C-6	Date:	6/20/05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28882 - 506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	92.20'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	67.99'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	24.21'	Borehole Diameter (inches)	6"
		Date Installed	6/15/05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Pump Description	Depth to grout = 3.5' stick-up height = 4'10"
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged	↓		
Total Gallons to be Purged	↓	Drilling Company	WDC

Surging and Bailing

Start Time:	1032	Finish Time:	1048	Comments:	Bailing
Start Time:	1049	Finish Time:	1056	Comments:	Surging
Start Time:	1057	Finish Time:	1112	Comments:	Bailing 9 gal total 0.5' sed.
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)

QA/QC: CMC

Date: 6-21-05

HALEY & ALDRICH

Well Development Record

AW00085C

Project Name	Boeing C-6	Date:	6/20/05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	~~28882-506~~		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	117.62'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.62'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	51.00'	Borehole Diameter (inches)	6"
		Date Installed	6/6/05

Well Purging Data

Purge Method	Bail, Surge, Bail	(gpm) / Pump Description	Depth to grout = 27" Stick-up height = 43"
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	1120	Finish Time:	1137	Comments: Bailing	4.5 gal
Start Time:	1138	Finish Time:	1150	Comments: Surging	
Start Time:	1151	Finish Time:	1212	Comments: Bailing	10 gal total
Start Time:		Finish Time:		Comments:	6" of sed

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)
TD =	120.56'								

QA/QC: Cell

Date: 6-21-05

HALEY & ALDRICH

Well Development Record

AW00 65 UB

Project Name	Boeing C-6	Date:	6/20/05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	23882-506.		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } From TOC	87.51'	Casing Diameter (inches)	2"
Static Water Level (DTW) } From TOC	63.41'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	24.10'	Borehole Diameter (inches)	6"
		Date Installed	6/16/05

Well Purging Data

Purge Method	Bail, surge, bail	(gpm) / Pump Description	Depth to groute = 22" stick-up height = 9.5"
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	1520	Finish Time:	1535	Comments:	Bailing
Start Time:	1536	Finish Time:	1545	Comments:	Surging
Start Time:	1547	Finish Time:	1608	Comments:	Bailing
Start Time:		Finish Time:		Comments:	7 gal total 4.5" of sed.

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)
	TD =	90.25'							

QA/QC: CMC

Date: 6-21-05

HALEY & ALDRICH

Well Development Record

AW0066 UB

Project Name	Boeing C-6	Date:	6/20/05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	88.45'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	64.00'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	24.45'	Borehole Diameter (inches)	6"
		Date Installed	6/14/05

Well Purging Data

Purge Method	bail, surge, bail	(gpm)	Depth to groute = 4'
Well Volume (gallons)		Pump Description	Stick-up height = 0.5'
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:	1620	Finish Time:	1630	Comments:	Bailing
Start Time:	1631	Finish Time:	1642	Comments:	Surging
Start Time:	1643	Finish Time:	1655	Comments:	Bailing
Start Time:		Finish Time:		Comments:	7.5 gal total 3.0" of sed.

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)
1655	TD	= 90.28'							

QA/QC: CMe

Date: 6-21-05

HALEY & ALDRICH

Well Development Record

AW0051C

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: ~~28382-506~~
Technician: ~~R. Ramzi~~

Date: 06-27-05
Weather: Sunny & hot
Page: 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC: 116.73'
Static Water Level (DTW) } from TOC: 66.59'
Standing Water Column (WC) (TD - DTW): 50.14'

Casing Diameter (inches): 2"
Screen Length (feet): 20"
Borehole Diameter (inches): 6"
Date Installed: 6/17/05

Well Purging Data

Purge Method: Bail / Surge / bail
Well Volume (gallons): ~~N/A~~
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) / Stick-up = 3' 8"
Pump Description
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time:	1410	Finish Time:	1430	Comments:	Bailing 7 gal / 4.5" of sed
Start Time:	1430	Finish Time:	1440	Comments:	Surging
Start Time:	1440	Finish Time:	1500	Comments:	Bailing ~~7 gal / 4" of sed~~
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)
	TD = 119.48'								

QA/QC: CMC
Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0051 UB

Project Name: Boeing C-6
Project Location: ~~1451 Knox St., LA, CA~~
Project Number: ~~28882-506~~
Technician: R. Ramzi

Date: 06-27-2005
Weather: ~~Sunny & hot~~
Page: 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD): 90.18'
Static Water Level (DTW): 62.10'
Standing Water Column (WC) (TD - DTW): 28.08'

Casing Diameter (inches): 2"
Screen Length (feet): 20'
Borehole Diameter (inches): 6"
Date Installed: 6/23/05

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) / Pump Description: Stick-up = 1'6"
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time: 1520	Finish Time: 1535	Comments:	Bailing 7 gal / ≈ 3" of sed.
Start Time: 1535	Finish Time: 1545	Comments:	Surging
Start Time: 1545	Finish Time: 1600	Comments:	Bailing 3 gal / very clear (no sed.)

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)
	TD = 90.60'								

QA/QC: CMC
Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0054-C

Project Name: Boeing C-6
Project Location: 1451 Knox St., LB, CA
Project Number: 28882-506
Technician: R. Ramzi

Date: 06-27-05
Weather: Sunny & hot
Page: 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC: 117.8'
Static Water Level (DTW): 66.9'
Standing Water Column (WC) (TD - DTW): 50.90'

Casing Diameter (inches): 2"
Screen Length (feet): 20"
Borehole Diameter (inches): 6"
Date Installed: 6/17/05

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: Stick-up = 3.7 ft
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time: 1235 Finish Time: 1300 Comments: Bailing ≈3.5 gal
Start Time: 1302 Finish Time: 1310 Comments: Surging
Start Time: 1315 Finish Time: 1340 Comments: Bailing ≈ 10 gal total / 4.5" of sed.
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)
	TD =	120.64'							

QA/QC: CAC
Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0054U8

Project Name: Boeing C-6
Project Location: 1451 Knox St, LA, CA
Project Number: 38282-506
Technician: R. Ramzi

Date: 6-27-05
Weather: Sunny & hot
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD): 75'
Static Water Level (DTW): 63.55'
Standing Water Column (WC) (TD - DTW): 21.20'

Casing Diameter (inches): 24
Screen Length (feet): 20'
Borehole Diameter (inches): 6"
Date Installed: 6/23/05

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) / Stick-up = 8.5"
Pump Description
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time:	1350	Finish Time:	1417	Comments:	Bailing
Start Time:	1417	Finish Time:	1428	Comments:	Surging
Start Time:	1435	Finish Time:	1450	Comments:	Bailing 13 gal / 7" of sed

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)
	TD=	90.31'							

QA/QC: CMC
Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0055C

Project Name	Boeing C-6	Date:	06-27-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28882-506		
Technician	R. Ramai	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	119.45'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.30'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	53.15'	Borehole Diameter (inches)	6"
		Date Installed	6/17/05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up	= 3'
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:	1503	Finish Time:	1520	Comments:	Bailing
Start Time:	~~1520~~	Finish Time:	~~1537~~	Comments:	Surging
Start Time:	~~1537~~	Finish Time:	1603	Comments:	Bailing ~~8 gal / 2.5" of sed.~~
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)
	TD	= 120	.48'						

QA/QC: CMC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0062C

Project Name	Boeing C-6	Date:	06-27-05
Project Location	~~1461 Knox St, LA, CA~~	Weather:	~~Sunny & hot~~
Project Number	~~23882-506~~		
Technician	~~R. Ramzi~~	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	117.85	Casing Diameter (inches)	2"
Static Water Level (DTW)	65.43'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	52.42'	Borehole Diameter (inches)	6"
		Date Installed	6/17/05

Well Purging Data

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

Surging and Bailing

Start Time:	1235	Finish Time:	1240	Comments:	Bailing 3 gal / 2" of sed
Start Time:	1240	Finish Time:	1250	Comments:	Surging
Start Time:	1250	Finish Time:	1315	Comments:	Bailing ~~8 gal / 5" of sed~~
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)
	TD = 119.80'								

QA/QC: CMC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0063 C

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: 28882-506
Technician: R. Ramzi

Date: 06/27/05
Weather: Overcast
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC: 116.39'
Static Water Level (DTW): 66.32'
Standing Water Column (WC) (TD - DTW): 50.07'

Casing Diameter (inches): 2"
Screen Length (feet): 20'
Borehole Diameter (inches): 6'
Date Installed: 6/16/05

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) / Stick-up = 3'7"
Pump Description
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time:	0815	Finish Time:	0850	Comments:	Bailing 5 gal/6" of sed
Start Time:	0850	Finish Time:	0905	Comments:	Surging
Start Time:	0905	Finish Time:	0955	Comments:	Bailing 8 gal/6.5" of sed
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)
	TD =	119.40'							

QA/QC: Cole
Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0063UB

Project Name	Boeing C-6	Date:	6-27-05
Project Location	1451 Knox St, LA, CA	Weather:	Sunny & hot
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	84.50'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	63.30'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	21.20'	Borehole Diameter (inches)	6"
		Date Installed	6/20/05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up =	4.5"
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:	1020	Finish Time:	1100	Comments:	Bailing 12 gal / 4" of sed
Start Time:	1100	Finish Time:	1115	Comments:	Surging
Start Time:	1115	Finish Time:	1130	Comments:	Bailing ~~8 gal / 4" of sed~~ (clean)
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)
	TD	= 90.50'							

QA/QC: CMC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0133 UB

Project Name	Boeing C-6	Date:	06-27-05
Project Location	1451 Knox St., LA, CA	Weather:	Overcast
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	? from TOC 94.30 ft	Casing Diameter (inches)	2"
Static Water Level (DTW)	70.41 ft	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	23.89'	Borehole Diameter (inches)	6" (before grading)
		Date Installed	August, 2004

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Pump Description	Stick-up height = 3.8 ft
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	0825	Finish Time:	0926	Comments:	Bailing 2.5 gal of water bailed
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)
Note:		the Kink in the well casing prevented the							
		surge block from going in, so only bailing was							
		performed.							
0928	TD = 94.82								

QA/QC: CMC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0009UB

Project Name	Boeing C-6	Date:	6-28-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	? from TOC 88.68'	Casing Diameter (inches)	2"
Static Water Level (DTW)	62.23'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	26.45'	Borehole Diameter (inches)	6"
		Date Installed	6-21-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)	/TOC = 2" below grade
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:	0933	Finish Time:	1007	Comments:	Bailing 12 gal/8" of sed
Start Time:	1007	Finish Time:	1017	Comments:	Surging
Start Time:	1017	Finish Time:	1114	Comments:	Bailing 5 gal/5" of sed
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)
	TD =	90.52'							

QA/QC: CMC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0010 UB

Project Name	Boeing C-6	Date:	6-28-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	29882-506		
Technician	R. Ramsi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	88.58'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	64.42'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	24.16'	Borehole Diameter (inches)	6"
		Date Installed	6-21-05

Well Purging Data

Purge Method	Bail/surge/bail	(gpm) / TOC = 0' (@ ground level)	
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:	1114	Finish Time: 1130	Comments: Bailing	2 gal / 2" of sed. (brea
Start Time:	1200	Finish Time: 1220	Comments: Surged	
Start Time:		Finish Time:	Comments:	
Start Time:	1220	Finish Time: 1237	Comments: Bailing	13 gal / 6" of sed.

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)
	TD = 89.36'								

QA/QC: [illegible]

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0027B

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: 28882-506
Technician: R. Ramzi

Date: 06-28-05
Weather: Sunny & hot
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC: 93.95'
Static Water Level (DTW): 62.55'
Standing Water Column (WC) (TD - DTW): 31.40

Casing Diameter (inches): 2"
Screen Length (feet): 30'
Borehole Diameter (inches): 6"
Date Installed: 6-21-05

Well Purging Data

Purge Method: Bail/Surge/Bail
Well Volume (gallons): N/A
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) / TOC is 6" below grade
Pump Description
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time: 1042 Finish Time: 1115 Comments: Bailing 4 gal/2" of sed
Start Time: 1117 Finish Time: 1130 Comments: Surging (Break)
Start Time: 1240 Finish Time: 1312 Comments: Bailing 12.5 gal/11" of sed

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)
	TD =	100.41' (From TOC)							

QA/QC: CMC
Date: 6/29/05

HALEY & ALDRICH

Well Development Record

AW0031C

Project Name: Boeing C-6
Project Location: 1451 Knox St, LA, CA
Project Number: ~~28832-506~~
Technician: R. Ramzi

Date: 6-28-05
Weather: Sunny & hot
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } From TOC: 115.60'
Static Water Level (DTW) } From TOC: 66.20'
Standing Water Column (WC) (TD - DTW): 49.40'

Casing Diameter (inches): 2"
Screen Length (feet): 20'
Borehole Diameter (inches): 6"
Date Installed: 6-22-05

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) / Stick-up = 3'
Pump Description
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time	Finish Time	Comments
1330	1345	Bailing 4 gal/
~~1345~~	~~1355~~	Surging
~~1356~~	~~1406~~	Bailing ~~7 gal total~~ /4" of sed

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)
	TD =	120.60'							

QA/QC: CLL
Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0032 B

Project Name	Boeing C-6	Date:	6-28-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny
Project Number	28382-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	99.63'	Casing Diameter (inches)	2"
Static Water Level (DTW)	67.55'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	32.08'	Borehole Diameter (inches)	6"
		Date Installed	6-23-05

Well Purging Data

Purge Method	Bail / Surge / bail	(gpm) / Stick-up	4'9"
Well Volume (gallons) CD² (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)		Pump Description	
		Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	

Surging and Bailing

Start Time:	1600	Finish Time:	1625	Comments: Bail	11 gal / 8" of sed.
Start Time:	1625	Finish Time:	1640	Comments: Surge	
Start Time:	1640	Finish Time:	1710	Comments: Bail	7 gal / 6" of sed.
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)
	TD = 102.78'								

QA/QC: CMC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0037C

Project Name	Boeing C-6	Date:	06-28-05
Project Location	~~1451 Knox St.~~, LA, CA	Weather:	Sunny & hot
Project Number	~~28882-506~~		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	?from TOC	116.60'	Casing Diameter (inches) 2"
Static Water Level (DTW)		66.82'	Screen Length (feet) 20'
Standing Water Column (WC) (TD - DTW)		49.78'	Borehole Diameter (inches) 6"
			Date Installed 6-22-05

Well Purging Data

Purge Method		(gpm)	/ stick-up = 4'5"
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)		Pump Description	
		Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	

Surging and Bailing

Start Time:	1255	Finish Time:	1323	Comments: Bail	6 gal / 5" of sed
Start Time:	1323	Finish Time:	1333	Comments: Surge	
Start Time:	1333	Finish Time:	1425	Comments: Bail	5 gal / 5" of sed
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)
	TD	= 120.71'							

QA/QC: CRC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0053 UB

Project Name: Boeing C-6
Project Location: 1451 Knox St, LA, CA
Project Number: 28382-506
Technician: R. Ramzi

Date: 06-28-05
Weather: Sunny & hot
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) ?from TOC: 89.07'
Static Water Level (DTW): 61.55'
Standing Water Column (WC) (TD - DTW): 27.52'

Casing Diameter (inches): 2"
Screen Length (feet): 20'
Borehole Diameter (inches): 6"
Date Installed: 6-22-05

Well Purging Data

Purge Method: Bail/Surge/Bail
Well Volume (gallons): NA
CD² (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) / Stick-up = 0 (@ ground surface)
Pump Description
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time: 0830 Finish Time: 0848 Comments: Bailing 4.5 gal / 2" sed
Start Time: 0848 Finish Time: 0858 Comments: Surged
Start Time: 0858 Finish Time: 0933 Comments: Bailing 4.5 gal / 3" of sed

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)
	TD =	90.60'							

QA/QC: CMC
Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0053C

Project Name	Boeing C-6	Date:	06-28-05
Project Location	1451 Knox St, LA, CA	Weather:	Sunny & hot
Project Number	28882-506		
Technician	R. Ramci	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) (from TOC)	119.0'	Casing Diameter (inches)	2"
Static Water Level (DTW)	59.76'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	59.24'	Borehole Diameter (inches)	6"
		Date Installed	6-20-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up =	3'9"
Well Volume (gallons) CD² (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:	0740	Finish Time:	0755	Comments: Bailing 3 gal / very minimal fines
Start Time:	0755	Finish Time:	0805	Comments: Surging
Start Time:	0805	Finish Time:	0830	Comments: Bailing 2 gal / minimal fines

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)
	TD = 119.60'								

QA/QC: CAC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0055UB

Project Name	Boeing C-6	Date:	6-28-2005
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	22882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	84.79'	Casing Diameter (inches)	2"
Static Water Level (DTW)	63.76'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	21.03'	Borehole Diameter (inches)	6"
		Date Installed	6-21-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up	= 0.5'
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:	0750	Finish Time:	0810	Comments:	Bailing
Start Time:	0810	Finish Time:	0825	Comments:	Surging
Start Time:	0828	Finish Time:	0852	Comments:	Bailing
Start Time:		Finish Time:		Comments:	14.5 gal total / 6.5" of sed.

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)
	TD =	90.33'							

QA/QC: CMC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0086B

Project Name	Boeing C-6	Date:	6-28-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny
Project Number	~~28332-506~~		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } From TOC	96.53'	Casing Diameter (inches)	2"
Static Water Level (DTW) }	67.82'	Screen Length (feet)	30'
Standing Water Column (WC)	28.71'	Borehole Diameter (inches)	6"
(TD - DTW)		Date Installed	6-22-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up =	4' 8"
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:	1425	Finish Time:	1446	Comments: Bail	6 gal / 6" of sed.
Start Time:	1446	Finish Time:	1456	Comments: Surge	
Start Time:	1456	Finish Time:	1515	Comments: Bail	7 gal / 6" of sed.
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)
	TD = 100.77'								

QA/QC: CMC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0086 C

Project Name	Boring C-6	Date:	06-28-2005
Project Location	1459 Knox St, LA, CA	Weather:	Cloudy
Project Number	22882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	113.15'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.56'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	46.59	Borehole Diameter (inches)	6"
		Date Installed	6-20-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up	= 2.55'
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:	0910	Finish Time:	0958	Comments:	Bailing 9 gal / 5" of sed.
Start Time:	1000	Finish Time:	1016	Comments:	Surging
Start Time:	1016	Finish Time:	1035	Comments:	Bailing 4 gal / 2" of sed.
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)
	TD = 120.61'								

QA/QC: CMC

Date: 6-29-05

HALEY & ALDRICH

Well Development Record

AW0030 B

Project Name	Boeing C-6	Date:	6-29-05
Project Location	1451 U Knox St., LA, CA	Weather:	Sunny
Project Number	~~28280-506~~		
Technician	~~R. Ramzi~~	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	94.62'	Casing Diameter (inches)	2"
Static Water Level (DTW)	63.50'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	31.12	Borehole Diameter (inches)	6"
		Date Installed	6-24-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up	10"
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:	0805	Finish Time:	0840	Comments:	Bailing 13 gal / 10" of sed.
Start Time:	0842	Finish Time:	0853	Comments:	Surging
Start Time:	0950	Finish Time:	1130	Comments:	Bailing (switched developers) 1 gal / 4" of sed.
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)
	TD = 98.90'								
✓	Note:	couldn't reach bottom in 15 hrs of development. more bailing had to be done.							

QA/QC: CAC

Date: 6-30-05

HALEY & ALDRICH

Well Development Record

AW0032 C

Project Name	Boeing C-6	Date:	06-29-05
Project Location	~~1451 Knox St.~~, LA, CA	Weather:	Sunny
Project Number	~~28882-506~~	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD)	118.95'	Casing Diameter (inches)	2'
Static Water Level (DTW)	65.77'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	53.18'	Borehole Diameter (inches)	6"
		Date Installed	6-23-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up =	2.45'
Well Volume (gallons) CD² (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:	0810	Finish Time:	0835	Comments:	Bailing 6.5 gal/
Start Time:	~~0835~~	Finish Time:	~~0851~~	Comments:	
Start Time:	~~0851~~	Finish Time:	~~0935~~	Comments:	Bailing Total 20 gal/2.5' of se
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)
	TD = 120.35								

QA/QC: CMR

Date: 6-30-05

HALEY & ALDRICH

Well Development Record

AW0043B

Project Name	Boeing C-6	Date:	6-29-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	23882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	97.16'	Casing Diameter (Inches)	2"
Static Water Level (DTW)	63.72'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	33.44'	Borehole Diameter (inches)	6"
		Date Installed	6-22-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up =	1'2"
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:	1015	Finish Time:	1100	Comments:	Bailing 6 gal
Start Time:	1100	Finish Time:	1110	Comments:	Surging
Start Time:	1112	Finish Time:	1145	Comments:	Bailing 10 gal / 5" of seed
Start Time:					total

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)
	TD = 100.35'								

QA/QC: CMR

Date: 06/30/05

HALEY & ALDRICH

Well Development Record

AW0043C

Project Name	Boeing C-6	Date:	6-29-05
Project Location	4451 Knox St, LA, CA	Weather:	Sunny & hot
Project Number	28882-601		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	120.45'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.48'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	53.97'	Borehole Diameter (inches)	6"
		Date Installed	6-20-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / TOC = 4.04' above grade	
Well Volume (gallons) CD² (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:	1526	Finish Time:	1536	Comments:	Bail
Start Time:	1536	Finish Time:	1546	Comments:	Surge
Start Time:	1546	Finish Time:	1600	Comments:	Bail

6 gal / 0.75" of sed.

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)
	TD = 120.51'								

QA/QC: CMC

Date: 6-30-05

HALEY & ALDRICH

Well Development Record

AW0044B

Project Name	Boeing C-6	Date:	6-29-05
Project Location	14510 Knox St., LA, CA	Weather:	Sunny
Project Number	~~28382-506~~		
Technician	~~R. Ramos~~	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	2 from 100 99.0'	Casing Diameter (inches)	2"
Static Water Level (DTW)	67.18'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	31.82'	Borehole Diameter (inches)	6"
		Date Installed	6-20-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)/ TOC =	3.5' above grade
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:	1315	Finish Time:	1345	Comments:	Bailing
Start Time:	~~1345~~	Finish Time:	~~1357~~	Comments:	Surging
Start Time:		Finish Time:		Comments:	
Start Time:	1357	Finish Time:	1407	Comments:	Bail 7 gal / 4.5" of sed

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)
	TD = 105.31'								

QA/QC: CAC

Date: 6-30-05

HALEY & ALDRICH

Well Development Record

AW0044C

Project Name: Boeing C-6
Project Location: 1454 Knox St, LA, CA
Project Number: 28282-506
Technician: R. Ramzi

Date: 6-29-05
Weather: hot & sunny
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC 115.54'
Static Water Level (DTW) 66.65'
Standing Water Column (WC) (TD - DTW) 48.89'

Casing Diameter (inches) 2"
Screen Length (feet) 20'
Borehole Diameter (inches) 6"
Date Installed 6/20/05

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) / TOC = 3.38' above grade
Pump Description
Check Valve?
Drilling Company WDC

Surging and Bailing

Start Time: 1415 Finish Time: 1445 Comments: Bail
Start Time: 1445 Finish Time: 1455 Comments: Surge
Start Time: 1455 Finish Time: 1510 Comments: Bail
Start Time: Finish Time: Comments: 8 gal / 4" of sed.

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)
	TD	= 120.55'							

QA/QC: CMC
Date: 6-30-05

HALEY & ALDRICH

Well Development Record

AW0045 B

Project Name	Boeing C-6	Date:	6-29-05
Project Location	1451 Knox St, LA, CA	Weather:	Sunny
Project Number	~~28882-506~~	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD)	97.25'	Casing Diameter (inches)	2"
Static Water Level (DTW)	~~63.58'~~	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	33.47'	Borehole Diameter (inches)	6"
		Date Installed	6-22-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)	Stick-up = 0' (@ground surface)
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:	0822	Finish Time:	0845	Comments:	Bail 5 gal
Start Time:	0847	Finish Time:	0900	Comments:	Surge
Start Time:	0902	Finish Time:	0937	Comments:	Bail
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)
	TD=	100.35'							

QA/QC: CMC

Date: 6-30-05

HALEY & ALDRICH

Well Development Record

AW0065C

Project Name	Boeing C-6	Date:	6-29-05
Project Location	~~1451 Knox St, LA, CA~~	Weather:	Sunny & hot
Project Number	~~25332~~-506		
Technician	~~R. Ramzi~~	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) (from TOC)	115.52'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.73'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	48.79'	Borehole Diameter (inches)	6"
		Date Installed	~~6-17-05~~

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / TOC = 3.56' above grade	
Well Volume (gallons) CD² (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:	1630	Finish Time:	1640	Comments:	Bail
Start Time:	1640	Finish Time:	1650	Comments:	Surge
Start Time:	1650	Finish Time:	1700	Comments:	Bail
Start Time:		Finish Time:		Comments:	

6 gal / 4" of sed.

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)
	TD = 120.51								

QA/QC: CALE

Date: 6-30-05

HALEY & ALDRICH

Well Development Record

AW00868

Project Name	Boeing C-6	Date:	6-23-05
Project Location	451 Knox St., LA, CA	Weather:	Sunny
Project Number	23882-506	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	96.53'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	67.82'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	28.71'	Borehole Diameter (inches)	6"
		Date Installed	6-22-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up =	4' 8"
Well Volume (gallons) CD² (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:	1425	Finish Time:	1446	Comments: Bail	6 gal / 6" of sed.
Start Time:	1446	Finish Time:	1456	Comments: Surge	
Start Time:	1456	Finish Time:	1515	Comments: Bail	7 gal / 6" of sed.
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)
	TD = 100.77'								
✓	Note = Re-bailed on 6-29-05								
		@ 1232 to 1304 (bailing)							
		→ 4.5" of sed, 7 gal of water							
		TD = 100.23' from TOC							
		TOC is 2" below grade							

QA/QC: CMC

Date: 6-30-05

HALEY & ALDRICH

Well Development Record

AW0042C

Project Name	Boeing C-6	Date:	6-30-2005
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	119.68'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	66.63'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	53.05'	Borehole Diameter (inches)	6"
		Date Installed	6-21-05

Well Purging Data

Purge Method	Bail/surge/Bail	(gpm) / Pump Description	TOC = 4'5" above grade
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	0852	Finish Time:	0912	Comments:	Bailing
Start Time:	0913	Finish Time:	0924	Comments:	Surging
Start Time:	0925	Finish Time:	0938	Comments:	Bailing
Start Time:		Finish Time:		Comments:	4.5 gal total / 0.75" of sed.

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)
	TD =	120.55'							

QA/QC: RS

Date: 7/5/05

HALEY & ALDRICH

Well Development Record

AW0052 C

Project Name	Boeing C-6	Date:	6-30-05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	28832-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	118.95'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	66.71'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	52.24'	Borehole Diameter (inches)	6"
		Date Installed	6-23-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / TOC =	4'5" above grade
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:	0800	Finish Time:	0817	Comments:	Bailing
Start Time:	0817	Finish Time:	0823	Comments:	Surging
Start Time:	0823	Finish Time:	0839	Comments:	Bailing
Start Time:		Finish Time:		Comments:	6.5 gal total / 1.5" of sed.

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)
	TD =	120.61'							

QA/QC: PRS

Date: 7/5/05

HALEY & ALDRICH

Well Development Record

AW0064 UB

Project Name	Boeing C-6	Date:	6-30-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	86.28'	Casing Diameter (inches)	2"
Static Water Level (DTW)	62.75'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	23.53'	Borehole Diameter (inches)	6"
		Date Installed	6-21-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)	TOC = 0' (@ ground surface)
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:	1100	Finish Time:	1115	Comments:	Bailing
Start Time:	1115	Finish Time:	1120	Comments:	Surging
Start Time:	1120	Finish Time:	1130	Comments:	Bailing 4.5 gal / 2" of Sed.
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)
	TD = 88.10'								

QA/QC: RAS

Date: 7/5/05

HALEY & ALDRICH

Well Development Record

AW0042 UB

Project Name	Boeing C-6	Date:	6-30-05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	28382-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	88.20'	Casing Diameter (inches)	2"
Static Water Level (DTW)	61.99'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	26.21'	Borehole Diameter (inches)	6"
		Date Installed	6-24-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)	TOC = 5" below grade
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:	0955	Finish Time:	1022	Comments:	Bailing
Start Time:	1023	Finish Time:	1030	Comments:	Surging
Start Time:	1030	Finish Time:	1040	Comments:	Bailing 5 gal / 1" of sed.
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)
	TD =	89.0'							

QA/QC: DRS

Date: 7/5/05

HALEY & ALDRICH

Well Development Record

AW0041 UB

Project Name	Boeing C-6	Date:	6-30-2005
Project Location	1451 Knox St., LA, CA	Weather:	Sunny
Project Number	~~28882-506~~	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD)	88.00'	Casing Diameter (inches)	2"
Static Water Level (DTW)	63.91'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	24.09	Borehole Diameter (inches)	6"
		Date Installed	6-27-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Pump Description	TOC = 10" above grade
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	1318	Finish Time:	1415	Comments:	Bailing
Start Time:	1417	Finish Time:	1428	Comments:	Surging
Start Time:	1428	Finish Time:	1435	Comments:	Bailing
Start Time:		Finish Time:		Comments:	10 gal / 4" of sed.

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)
	TD =	90.35'							

QA/QC: RRS

Date: 7/5/05

HALEY & ALDRICH

Well Development Record

AW0008B

Project Name	Boeing C-6	Date:	7-5-05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	22232-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	99.40' (from TOC)	Casing Diameter (inches)	2"
Static Water Level (DTW)	67.70'	Screen Length (feet)	30
Standing Water Column (WC) (TD - DTW)	31.70'	Borehole Diameter (inches)	6"
		Date Installed	6-23-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up	= 4' 1.5"
Well Volume (gallons)	n/a	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:	0800	Finish Time:	0830	Comments:	Bailing
Start Time:	0831	Finish Time:	0836	Comments:	Surging
Start Time:	0836	Finish Time:	0850	Comments:	Bailing 9 gal / 7" of sed
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)
	TD	= 104.78'							

QA/QC: [signature]

Date: 7/7/05

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HALEY & ALDRICH

Well Development Record

AW 167 LB

Project Name	Boeing C-6	Date:	7-5-05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	38892-506		
Technician	R. Romzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	105.90'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	70.19'	Screen Length (feet)	10'
Standing Water Column (WC)	35.71'	Borehole Diameter (inches)	5"
(TD - DTW)		Date Installed	6-30-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up	4' 3.5"
Well Volume (gallons)	N/A	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:	0805	Finish Time:	0836	Comments:	Bailing
Start Time:	0837	Finish Time:	0845	Comments:	Surging
Start Time:	0845	Finish Time:	0854	Comments:	
Start Time:		Finish Time:		Comments:	Bailing 8 gal / 3" of seds

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)
	TD = 105.37'								

QA/QC: MRS

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW 0007 B

Project Name	Boeing C-6	Date:	7-5-05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	28882-506		
Technician	~~R. Ramei~~	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } From TOC	90.27'	Casing Diameter (inches)	2"
Static Water Level (DTW)	~~[illegible]~~ 62.76'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	27.51'	Borehole Diameter (inches)	6"
		Date Installed	6-28-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) Stick-up =	0' (@ ground level)
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:	0929	Finish Time:	1100	Comments:	Bailing ≈ 10 gal / 7" of seal.
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)
	TD = 98.75'								
	Note = The surge block couldn't be advanced inside the well due to an apparent kink. A small diameter bailer was used during development.								

QA/QC: PRS

Date: 7/7/05

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HALEY & ALDRICH

Well Development Record

AW 166 LB

Project Name	Boeing C-6	Date:	7-5-05
Project Location	4451 Knox St., LA, CA	Weather:	Cloudy
Project Number	23332-506		
Technician	R. Ramos	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	102.15'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.73'	Screen Length (feet)	10'
Standing Water Column (WC) (TD - DTW)	35.42	Borehole Diameter (inches)	6"
		Date Installed	6-29-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up =	7"
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:	0930	Finish Time:	0945	Comments:	Bailing
Start Time:	0950	Finish Time:	0958	Comments:	Surging
Start Time:	0959	Finish Time:	1004	Comments:	Bailing
Start Time:		Finish Time:		Comments:	5 gal / 1" of Sed.

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)
	TD = 103.19'								

QA/QC: RRS

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0015 B

Project Name	Boeing C-6	Date:	7-5-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	38802-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	96.10'	Casing Diameter (inches)	2"
Static Water Level (DTW) }	65.18'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	30.92'	Borehole Diameter (inches)	6"
		Date Installed	6-30-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)	Stick-up = 0' (@ ground level)
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	N/A	Pump Description	
		Check Valve?	
Number of Volumes to be Purged	1		
Total Gallons to be Purged	↓	Drilling Company	WDC

Surging and Bailing

Start Time:	1020	Finish Time:	1130	Comments:	Bailing (Lunch break)
Start Time:	1130	Finish Time:	1140	Comments:	Surging
Start Time:	1230	Finish Time:	1240	Comments:	Bailing 7 gal
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)
	TD	= 102.46'							

QA/QC: [signature]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW000 6B

Project Name	Boeing C-6	Date:	7-5-05
Project Location	4451 Knox St, LA, CA	Weather:	Sunny & hot
Project Number	28882-5		
Technician		Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	97.86'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	67.31'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	30.55'	Borehole Diameter (inches)	6"
		Date Installed	6-24-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up =	4' 3"
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	1		
Total Gallons to be Purged	↓	Drilling Company	WDC

Surging and Bailing

Start Time:	1225	Finish Time:	1247	Comments:	Bailing
Start Time:	1250	Finish Time:	1300	Comments:	Surging
Start Time:	1301	Finish Time:	1336	Comments:	Bailing
Start Time:		Finish Time:		Comments:	14 gal / 11" of sed.

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)
	TD =	105.35'							

QA/QC: PAS

Date: 7/7/05

Haley & Aldrich, Inc.
Well Development Form 111204.xls

August 2004

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HALEY & ALDRICH

Well Development Record

AW0041C

Project Name	Boeing C-6	Date:	7-5-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) ? from TOC	118.1'	Casing Diameter (inches)	2"
Static Water Level (DTW)	67.14'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	50.96'	Borehole Diameter (inches)	6"
		Date Installed	6-24-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) Stick-up =	3.5'
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:	1255	Finish Time:	1305	Comments:	Bailing
Start Time:	1305	Finish Time:	1315	Comments:	Surge
Start Time:	1315	Finish Time:	1330	Comments:	Bail
Start Time:		Finish Time:		Comments:	7 gal / 1.5" of sed.

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)
	TD = 120.56								

QA/QC: [signature]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW ~~[illegible]~~ 0029 UB

Project Name	Boeing C-6	Date:	7-5-05
Project Location	145 Knox St., LA, CA	Weather:	Sunny
Project Number	28002-506		
Technician	R. Ravizi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	88.00'	Casing Diameter (inches)	2"
Static Water Level (DTW) }	72.33'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	15.67'	Borehole Diameter (inches)	6"
		Date Installed	6-24-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up =	4' 2"
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:	1345	Finish Time:	1400	Comments:	Bailed
Start Time:	1400	Finish Time:	1410	Comments:	Surged
Start Time:	1410	Finish Time:	1425	Comments:	Bailed 10 gal / 9" of seal.
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)
	TD	= ~~[illegible]~~		95.27'					

QA/QC: [signature]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0012B

Project Name	Boeing C-6	Date:	7-5-05
Project Location	1451 Knox, LA, CA	Weather:	Sunny
Project Number	38322-506		
Technician	R. Ramci	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	97.20'	Casing Diameter (inches)	2"
Static Water Level (DTW)	71.41'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	25.79'	Borehole Diameter (inches)	6"
		Date Installed	6-27-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)/	Stick-up = 4' 5"
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:	1405	Finish Time:	1450	Comments:	Bailing
Start Time:	1450	Finish Time:	1507	Comments:	Surging
Start Time:	1508	Finish Time:	1520	Comments:	Bailing
Start Time:		Finish Time:		Comments:	13 gal / 12" of seal.

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)
	TD =	105.45'							

QA/QC: [signature]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0019C

Project Name	Boeing C-6	Date:	7-5-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28223-506		
Technician	R. Ramirez	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	?from TOC	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.83'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	49.58'	Borehole Diameter (inches)	6"
		Date Installed	6-30-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)/ Pump Description	Stick-up = 2' 3"
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	1450	Finish Time:	1505	Comments:	Bailing
Start Time:	1505	Finish Time:	1515	Comments:	Surge
Start Time:	1515	Finish Time:	1530	Comments:	Bailing
Start Time:	1515	Finish Time:	1530	Comments:	6 gal / 3" of sed

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)
	TD = 120.69'								

QA/QC: [illegible]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW00 14C

Project Name	Boeing C-6	Date:	7-5-05
Project Location	~~1451 Knox St, LA~~, CA	Weather:	Sunny
Project Number	~~29882-506~~		
Technician	~~R. Ramzi~~	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	118.46'	Casing Diameter (inches)	2"
Static Water Level (DTW)	~~70.60'~~	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	~~47.80'~~	Borehole Diameter (inches)	6"
		Date Installed	6-29-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) TOC	= 0' (@ ground level)
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:	1547	Finish Time: 1552	Comments:	Bailing
Start Time:	~~1552~~	Finish Time: ~~1606~~	Comments:	Surge
Start Time:	~~1606~~	Finish Time: 1605	Comments:	Bailing 5 gal / 1" of sed.
Start Time:				

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)
	TD =	118.46'							

QA/QC: DRS

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0016B

Project Name	Boeing C-6	Date:	7-5-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	? from TOC	93.91'	Casing Diameter (inches) 2"
Static Water Level (DTW)		62.08'	Screen Length (feet) 30'
Standing Water Column (WC) (TD - DTW)		31.83'	Borehole Diameter (inches) 6"
			Date Installed 6-29-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Pump Description	Stick-up (TOC) = 1.5' below grade
Well Volume (gallons) CD* (2" - 0.163, 2.5" - 0.255 4" - 0.653, 6" - 1.469)	NA	Check Valve?	
Number of Volumes to be Purged			
Total Gallons to be Purged		Drilling Company	WDC

Surging and Bailing

Start Time:	1545	Finish Time: 1615	Comments: Bailing
Start Time:	1615	Finish Time: 1625	Comments: Surging
Start Time:	1625	Finish Time: 1650	Comments:
Start Time:	1650	Finish Time: 1652	Comments: Bailing 9 gal / 8" of sed.

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)
	TD = 100.4'								

QA/QC: [illegible]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0014B

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: 28882-506
Technician: R. Ramzi

Date: 7-5-05
Weather: Sunny
Page 1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC: 96.57'
Static Water Level (DTW): 67.19'
Standing Water Column (WC) (TD - DTW): 29.38'

Casing Diameter (inches): 2"
Screen Length (feet): 30'
Borehole Diameter (inches): 6"
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: 1
Total Gallons to be Purged: ↓

(gpm)/ Stick-up = 3' 2"
Pump Description:
Check Valve?
Drilling Company: WDC

Surging and Bailing

Start Time: 1615 Finish Time: 1625 Comments: Bailing
Start Time: 1625 Finish Time: 1635 Comments: Surging
Start Time: 1635 Finish Time: 1652 Comments: Bailing
Start Time: Finish Time: Comments: 9 gal / 7" of sed.

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)
	TD	= 105.42'							

QA/QC: [signature]
Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW00118

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	28887-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	93.15'	Casing Diameter (Inches)	2"
Static Water Level (DTW)	67.68'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	25.47'	Borehole Diameter (Inches)	6"
		Date Installed	6-30-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up =	1'2"
Well Volume (gallons) CD² (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:	0740	Finish Time:	0820	Comments:	Bailing
Start Time:	0821	Finish Time:	0835	Comments:	Surging
Start Time:	0835	Finish Time:	0853	Comments:	Bailing
Start Time:		Finish Time:		Comments:	12 gal / 12" of sed.

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)
	TD =	100.5'							

QA/QC: [illegible]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0018B

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	22822-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	94.30'	Casing Diameter (inches)	2"
Static Water Level (DTW)	71.23'	Screen Length (feet)	30'
Standing Water Column (WC)		Borehole Diameter (inches)	6"
(TD - DTW)	23.07	Date Installed	6-30-05

Well Purging Data

Purge Method	Bailing/Surge/Bail	(gpm) / Stick-up =	4'3"
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:	0824	Finish Time:	0845	Comments:	Bailing
Start Time:	0845	Finish Time:	0855	Comments:	Surge
Start Time:	0855	Finish Time:	0920	Comments:	Bail
Start Time:		Finish Time:		Comments:	10 gal / 10" of sed.

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)
	TD =	105.39'							

QA/QC: [signature]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0018C

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St, LA, CA	Weather:	Cloudy
Project Number	~~29982-506~~		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	119.65'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.31'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	53.34'	Borehole Diameter (inches)	6"
		Date Installed	6-28-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / TOC = 2' 5" above ground	
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	

Surging and Bailing

Start Time:	0742	Finish Time:	0750	Comments:	Bailing
Start Time:	0750	Finish Time:	0805	Comments:	Surge
Start Time:	0805	Finish Time:	0815	Comments:	Bail
Start Time:		Finish Time:		Comments:	5 gal / 1" of sed

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)
	TD	= 120.54'							

QA/QC: [illegible]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0021B

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St, LB, CA	Weather:	Cloudy
Project Number	~~28272-506~~		
Technician	~~R. Ramirez~~	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) (from TOC)	91.34'	Casing Diameter (inches)	2"
Static Water Level (DTW)	67.37'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	23.97	Borehole Diameter (inches)	6"
		Date Installed	6-30-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up	= 9"
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:	0943	Finish Time:	1000	Comments:	Bailing
Start Time:	1000	Finish Time:	1011	Comments:	Surging
Start Time:	1016	Finish Time:	1040	Comments:	Bailing
Start Time:		Finish Time:		Comments:	9 gal / 10" of sed.

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)
	TD =	100.4'							

QA/QC: [illegible]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0023B

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1456 Knox St, LA, CA	Weather:	Sunny
Project Number	28882-506		
Technician	R. Ramirez	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	96.97'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	67.50'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	29.47'	Borehole Diameter (inches)	6"
		Date Installed	6-30-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) Stick-up =	4'3"
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:	1550	Finish Time:	1630	Comments:	Bail
Start Time:	1630	Finish Time:	1641	Comments:	Surge
Start Time:	1642	Finish Time:	1706	Comments:	Bail
Start Time:		Finish Time:		Comments:	10 gal / 9" of sed.

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)
	TD =	104.4'							

QA/QC: RS

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0025 B

Project Name	Boring C-6	Date:	7-6-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	38892-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	98.80'	Casing Diameter (inches)	2"
Static Water Level (DTW)	67.78'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	31.02'	Borehole Diameter (inches)	6"
		Date Installed	6-29-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up	4' 3"
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:	1416	Finish Time:	1430	Comments:	Bail
Start Time:	1430	Finish Time:	1440	Comments:	Surge
Start Time:	1440	Finish Time:	1510	Comments:	Bail
Start Time:		Finish Time:		Comments:	10 gal / 8" of Sed.

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)
	TD =	105.86							

QA/QC: RS

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0025C

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) (from TOC)	119.81'	Casing Diameter (inches)	2"
Static Water Level (DTW)	72.51'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	47.30'	Borehole Diameter (inches)	6"
		Date Installed	6-28-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up =	4'
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:	1111 → 1130	Finish Time:	1231 → 1240	Comments:	Bailing (lunch break)
Start Time:	1240	Finish Time:	1245	Comments:	Surging
Start Time:	1245	Finish Time:	1250	Comments:	Bailing 3 gal / 2" of seal.

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)
	TD =		120.45'						

QA/QC: [illegible]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0026 B

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28882-506	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD) } From TOC	96.34'	Casing Diameter (inches)	2"
Static Water Level (DTW) }	67.44'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	29.40'	Borehole Diameter (inches)	6"
		Date Installed	6-29-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up =	9"
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:	1035	Finish Time:	1045	Comments:	Bail
Start Time:	1045	Finish Time:	1055	Comments:	Surge
Start Time:	1055	Finish Time:	1105	Comments:	Bail
Start Time:		Finish Time:		Comments:	6 gal / 4" of sed.

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)
	TD = 100.30'								

QA/QC: [illegible]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0026 C

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	28882-506		
Technician	R Ramsi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	117.20'	Casing Diameter (inches)	2"
Static Water Level (DTW)	70.07'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	47.13'	Borehole Diameter (inches)	6"
		Date Installed	6-27-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)	Stick-up = 3'5"
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:	0945	Finish Time:	1010	Comments:	Bailing
Start Time:	1010	Finish Time:	1020	Comments:	Surge
Start Time:	1020	Finish Time:	1030	Comments:	Bail
Start Time:		Finish Time:		Comments:	8 gal / 6" of sed.

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)
	TD = 120.53'								

QA/QC: [illegible]

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0028B

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	23382-506		
Technician	R. Ramel	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	92.55'	Casing Diameter (inches)	2"
Static Water Level (DTW)	65.71'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	26.84'	Borehole Diameter (inches)	6"
		Date Installed	6-29-05

Well Purging Data

Purge Method	Bail/surge/Bail	(gpm) / Stick-up =	2' 11"
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:	1256	Finish Time:	1358	Comments:	Bailing
Start Time:	1359	Finish Time:	1412	Comments:	Surge
Start Time:	1412	Finish Time:	1426	Comments:	Bailing
Start Time:		Finish Time:		Comments:	10 gal / 9" of sed

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)
	TD =	103.6'							

QA/QC: DRS

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0034C

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St, LA, CA	Weather:	Sunny
Project Number	28882-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	118.33'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.50'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	51.83'	Borehole Diameter (inches)	6"
		Date Installed	6-28-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up =	3'5"
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:	1535	Finish Time:	1545	Comments:	Bail
Start Time:	1545	Finish Time:	1555	Comments:	Surge
Start Time:	1555	Finish Time:	1615	Comments:	Bail
Start Time:		Finish Time:		Comments:	9 gal/4" of sed

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)
	TD =	120.52'							

QA/QC: RRS

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0087B

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny & hot
Project Number	28982-506		
Technician	R. Ka[illegible]	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	89.25'	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.57'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	22.68'	Borehole Diameter (inches)	6"
		Date Installed	6-27-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm)	Stick-up = 0' (at ground level)
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:	1220	Finish Time:	1240	Comments:	Bail
Start Time:	1240	Finish Time:	1250	Comments:	Surge
Start Time:	1250	Finish Time:	1310	Comments:	Bail
Start Time:		Finish Time:		Comments:	10 gal / 6" of sed

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)
	TD =	100.35'							

QA/QC: DRS

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW0087C

Project Name	Boeing C-6	Date:	7-6-05
Project Location	1451 Knox St.	Weather:	Sunny & v. hot
Project Number	29887-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	118.34' from TOC	Casing Diameter (inches)	2"
Static Water Level (DTW)	66.70'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	51.64'	Borehole Diameter (inches)	6"
		Date Installed	6-23-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up =	3' 5"
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:	1330	Finish Time:	1340	Comments:	Bail
Start Time:	1340	Finish Time:	1350	Comments:	Surge
Start Time:	1350	Finish Time:	1400	Comments:	Bail
Start Time:		Finish Time:		Comments:	5 gal / 2" of sed.

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)
	TD	= 120.53'							

QA/QC: PKS

Date: 7/7/05

HALEY & ALDRICH

Well Development Record

AW00348

Project Name	Boeing C-6	Date:	7-7-05
Project Location	1451 Knox St, LA, CA	Weather:	Sunny
Project Number	28222-506	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	92.07'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	62.97'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	29.10'	Borehole Diameter (inches)	6"
		Date Installed	6-29-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm)	TOC = 4" below grade
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:	0735	Finish Time:	0750	Comments:	Bail
Start Time:	0750	Finish Time:	0800	Comments:	Surge
Start Time:	0800	Finish Time:	0815	Comments:	Bail
Start Time:		Finish Time:		Comments:	10 gal / 10" of sed.

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)
	TD =	100.31'							

QA/QC: [illegible]

Date: 7/8/05

HALEY & ALDRICH

Well Development Record

AW00 13B

Project Name	Boeing C-6	Date:	7-7-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny
Project Number	28382-506		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	98.74'	Casing Diameter (inches)	2"
Static Water Level (DTW)	67.26	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	31.48'	Borehole Diameter (inches)	8"
		Date Installed	7-1-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / TOC =	3.8' above ground
Well Volume (gallons) CD² (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:	0835	Finish Time:	0855	Comments:	Bail
Start Time:	0855	Finish Time:	0905	Comments:	Surge
Start Time:	0905	Finish Time:	0920	Comments:	Bail
Start Time:		Finish Time:		Comments:	10 gal/6" of sed

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)
	TD =	105.31'							

QA/QC: [illegible]

Date: 7/8/05

HALEY & ALDRICH

Well Development Record

AW0020 UB

Project Name	Boeing C-6	Date:	7-7-05
Project Location	1451 Knox St., LA, CA	Weather:	Sunny
Project Number	20882-506	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	87.71'	Casing Diameter (inches)	2"
Static Water Level (DTW)	63.23'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	24.48'	Borehole Diameter (inches)	6"
		Date Installed	6-27-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up	= 0' (at ground level)
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:	1005	Finish Time:	1020	Comments:	Bail
Start Time:	1020	Finish Time:	1030	Comments:	Surge
Start Time:	1030	Finish Time:	1040	Comments:	Bail
Start Time:		Finish Time:		Comments:	7 gal / 4" of sed.

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)
	TD =	90.26'							

QA/QC: [illegible]

Date: 7/8/05

HALEY & ALDRICH

Well Development Record

AW0023 C

Project Name	Boeing C-6	Date:	7-7-05
Project Location	1451 Knox. St, LA, CA	Weather:	Sunny
Project Number	~~28805.506~~	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD) } from TOC	115.46'	Casing Diameter (inches)	2"
Static Water Level (DTW) } from TOC	67.12'	Screen Length (feet)	30'
Standing Water Column (WC) (TD - DTW)	48.34'	Borehole Diameter (inches)	6"
		Date Installed	6-21-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / Stick-up	= 3.7'
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:	1050	Finish Time:	1110	Comments:	Bail
Start Time:	1110	Finish Time:	1120	Comments:	Surge
Start Time:	1120	Finish Time:	1140	Comments:	Bail
Start Time:					

10 gal / 6" of sed.

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)
	TD =	120.52'							

QA/QC: [illegible]

Date: 7/8/05

HALEY & ALDRICH

Well Development Record

AW0021 C

Project Name	Boeing C-6	Date:	7-7-05
Project Location	1451 Knox St. LA, CA	Weather:	Sunny
Project Number	28882-501	Page	1 of 1
Technician	R. Ramzi		

Water Level Data (from top of casing)

Total Well Depth (TD) (from TOC)	119.40'	Casing Diameter (inches)	2"
Static Water Level (DTW)	68.36'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	51.04'	Borehole Diameter (inches)	6"
		Date Installed	6-27-05

Well Purging Data

Purge Method	Bail/Surge/Bail	(gpm) / TOC	4.85'
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:	1235	Finish Time:	1245	Comments:	Bail
Start Time:	1245	Finish Time:	1255	Comments:	Surge
Start Time:	1255	Finish Time:	1305	Comments:	Bail
Start Time:		Finish Time:		Comments:	6 gal / 1" of sed

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)
	TD =	120.57							

QA/QC: PRS

Date: 7/8/05

HALEY & ALDRICH

Well Development Record

AW0013C - replacement well

Project Name	Boeing C-6	Date:	7-15-05
Project Location	1451 Knox St., LA, CA	Weather:	Cloudy
Project Number	~~28882-506~~		
Technician	R. Ramzi	Page	1 of 1

Water Level Data (from top of casing)

Total Well Depth (TD)	120.05'	Casing Diameter (inches)	2"
Static Water Level (DTW)	71.79'	Screen Length (feet)	20'
Standing Water Column (WC) (TD - DTW)	48.26	Borehole Diameter (inches)	8"
		Date Installed	7-13-05

Well Purging Data

Purge Method	Bail / Surge / Bail	(gpm) / Stick-up	= 3'4"
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:	0745	Finish Time:	0805	Comments:	Bailing
Start Time:	0806	Finish Time:	0819	Comments:	Surging
Start Time:	~~0819~~ 0820	Finish Time:	0840	Comments:	Bailing ~5 gal/
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)
	TD =	120.88							

QA/QC: [illegible]

Date: 7/18/05

ATTACHMENT H

Water Injection Testing (WIT) Forms

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0129UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	06/15/05	Date Well Installed	6/8/05
Height of Well Head Stick-up	4"	Date Well Developed	06/14/05
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
AW0129UB	1641	69.11	NA	NA	0	0	2118	NA	NA	
Start	1646	"	↓	↓	10	0		↓	↓	
	1648	66.64				20				
	1650	66.53				40				
	1652	66.48				60				
	1654	66.45				80				
	1656	66.43				100	2235			
Finish	1658	66.40								
	1700	68.80								2.68 ft rise @ 10gpm
	1702	68.95								sustained

NRS 6/16/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0130 B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6/15/05	Date Well Installed	6/8/05
Height of Well Head Stick-up	3.8'	Date Well Developed	6/13/05
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
AW0130 B										
	1620	70.59	—	—	—	—	2017	—	—	
Start	1624		NA	NA	10	0		NA	NA	
	1626	63.95			10	20				
	1628	63.90				40				
	1630	63.66				60				
	1632	63.55				80				7.1 ft rise @ 10gpm
End	1634	63.49				100	2118			sustained.
	1636	70.15								
	1638	70.88								

6/16/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0131B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of
Project Number	28882-508	Technician Name	T. Hammond / R. Ramzi
Date	W 6/15/05	Date Well Installed	6/7/05
Height of Well Head Stick-up	2.5'	Date Well Developed	6/13/05
Observation Wells Used	NA	Weather	CLEAR & BREEZY 75°

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
AW0131B	1558	69.46	NA	NA			1919	—	—	
"	1600	"	—	—	10	0		—	—	
	1602	61.20	—	—	10	20				
	1604	58.62	—	—	10	40				
	1606	57.12	—	—	10	60				
	1608	56.24	—	—	10	80				
	1610	55.80	—	—	10	100	2017			
1613		68.50								13.66 ft rise @ 10gpm
	1616	69.16								

6/16/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW 0132B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of
Project Number	28882-506	Technician Name	T. HAMMOND
Date	W 6/15/05	Date Well Installed	6/8/05 12:00
Height of Well Head Stick-up	2.8'	Date Well Developed	6/13/05
Observation Wells Used	NA	Weather	CLEAR & BREEZY 75°

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
AW0132B	1536	70.19	BEFORE				1820			
START	1538	63.4	—	—	~10	5	1825			
	1540	61.15			~10	21	1841			
	1542	59.60			~10	40	1860			
	1544	58.23			~10	58	1878			
	1546	58.20			~10	77	1897			
	1548	57.7			~10	96	1916	STOP INJECTION		12.5' ft rise @ 10gpm.
	1549:00	65.7								
	1549:30	68.4								
	1550:00	69.1								
	1550:30	69.2								

PR 6/16/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-8 Parcel C Amendment Well	Well Number	AW@134 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of
Project Number	28882-506	Technician Name	R. Ramos / T. Hammond
Date	06/15/05	Date Well Installed	6-7-05
Height of Well Head Stick-up	3"	Date Well Developed	6-13-05
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@134UB	1435	69.98	—	—			1698	—	—	
	1515	64.4			10	12	1710			
	1517	67.6			10	15	1713			
	1519	63.30			10	42	1740			
	1521	63.20			10	57	1755			
	1523	62.95			10	72	1770			
	1525	62.85			10	91	1789			7.08 ft rise @ 10gpm
	1527	62.9			10	44	1809			sustained
	152750	stop injection								
	15:28:10	65.8								
	15:28:50	67.2								
	15:29:20	69.0								
	1529:50	69.5								

6/16/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0073C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	06/16/05	Date Well Installed	6/9/05
Height of Well Head Stick-up	3.5'	Date Well Developed	6/14/05
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
AW0073C	0922	66.10	NA	NA	0	0	2538	NA	NA	
Start	0924	"	↓	↓	10	0		↓	↓	
	0926	20.00	↓	↓	↓	20		↓	↓	Quick rise in wl
	0928	26.20	↓	↓	↓	40		↓	↓	
	0930	24.65	↓	↓	↓	60		↓	↓	43.1 ft rise @ 10gpm
	0932	23.36	↓	↓	↓	80		↓	↓	sustained
Finish	0934	23.00	↓	↓	↓	100	2633	↓	↓	
	0936	57.90								
	0938	63.78								

6/17/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-8 Parcel C Amendment Well	Well Number	AW0075 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	26882-506	Technician Name	R. Ramzi
Date	06/16/05	Date Well Installed	06/08/05
Height of Well Head Stick-up	9"	Date Well Developed	06/14/05
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
AW0075UB	0834	63.82	NA	NA	0	0	2435	NA	NA	
Start	0836	"			10	0				
	0838	60.80				20				
	0840	60.65				40				
	0842	60.57				60				3.33 ft rise @ 10gpm
	0844	60.53				80				sustained
Finish	0846	60.49				100	2538			
	0848	63.45								
	0850	63.50								

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HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0074UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	06/16/05	Date Well Installed	06/09/05
Height of Well Head Stick-up	5' 3"	Date Well Developed	06/14/05
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
AW0074UB	0812	68.81	NA	NA	0	0	2338	NA	NA	
Start	0814	"			10	0				
	0816	62.46				20				
	0818	61.91				40				
	0820	61.66				60				7.38 ft rise @ 10 gpm
	0822	61.53				80				Sustained
Finish	0824	61.43				100	2435			
	0826	68.18								
	0828	68.50								

RR 6/17/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0084C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	06/16/05	Date Well Installed	6/9/05
Height of Well Head Stick-up	4'	Date Well Developed	6/14/05
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
AW0084C	0745	66.60	NA	NA	0	0		NA	NA	—
"	0752	"			10	0	2237			
"	0754	59.70			"	20				
"	0756	59.55			"	40				
"	0758	59.46			"	60				
"	0800	59.39			"	80				7.25 ft rise @ 10gpm
"	0802	59.35			"	100	2338			sustained
"	0804	66.32								
"	0806	66.53								

6/17/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0067 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-006	Technician Name	R. Ramzi
Date	06/16/05	Date Well Installed	06/08/05
Height of Well Head Stick-up	3.5" (inch)	Date Well Developed	06/15/05
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
AW0067UB										
	1135	64.52	NA	NA	0	0	2922	NA	NA	
Start	1138	"			10	0				
	1140	52.15				20				
	1142	50.05				40				
	1144	49.30				60				20.71 ft rise @ 10gpm
	1146	49.00				80				Sustained
Finish	1148	48.81				100	3020			
	1150	63.10								
	1152	64.00								

6/17/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0046B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R Ramzi
Date	06/16/05	Date Well Installed	06/09/05
Height of Well Head Stick-up	4' 5"	Date Well Developed	06/15/05
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
AW0046B	1102	68.48	NA	NA	0	0	2323	NA	NA	
Start	1108	"			10	0				
	1110	63.91				20				
	1112	63.66				40				
	1114	63.63				60				5.38 ft rise @ 10 gpm
	1116	63.42				80				sustained
Finish	1118	63.10				100	2422			
	1120		67.95							
	1122	68.12								

6/17/05

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June 2005

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0056 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	06/16/05	Date Well Installed	6/9/05
Height of Well Head Stick-up	0	Date Well Developed	6/15/05
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
AW0056UB			—	—	—			NA	NA	
	1040	63.65	NA	NA	0	0	2725	NA	NA	
Start	1042	"			10	0				
	1044	55.90				20				
	1046	55.45				40				
	1048	55.07				60				
	1050	54.85				80				8.94 ft rise @ 10gpm
Finish	1052	54.71				100	~~2813~~			Sustained.
	1054	63.10					2823			
	1056									

6/17/05

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June 2005

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0076 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R Ramzi
Date	06/16/05	Date Well Installed	06/08/05
Height of Well Head Stick-up	8"	Date Well Developed	06/15/05
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
AW0076UB	0944	63.77	NA	NA	0	0	2633	NA	NA	
Start	0948	↓	↓	↓	10	0		↓	↓	
	0950	56.60			↓	20				
	0952	56.31				40				
	0954	56.15				60				
	0956	56.04				80				7.79 ft Rise @ 10 gpm
Finish	0958	55.98				100	2725			Sustained
	1000	63.25								
	1002	63.50								

RR 6/17/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0096UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6/20/2005	Date Well Installed	6/15/05
Height of Well Head Stick-up	58 (stick-up removed)	Date Well Developed	6/20/05
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
AW0096UB	1354	62.91'	NA	NA	0	0	3116	NA	NA	TOC @ 4" below grade
Start	1356	"			9.5	0				
	1358	47.70'				19				
	1400	47.16'				38				
	1402	46.97'				57				
	1404	46.91'				76				
Finish	1406	47.01'				95	3213			
	1408	61.86'								
	1410	62.59'								

CMC 6/21/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW00 85 C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6/20/2005	Date Well Installed	6/16/05
Height of Well Head Stick-up	3½ ft	Date Well Developed	6/20/05
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
AW00 85C	1330	66.66'	NA	NA	0	0	3020	NA	NA	
Start	1335	"			≈10	0				
	1337	62.77			9.5	19				
	1339	62.78				38				
	1341	62.67				57				
	1343	62.66				76				
Finish	1345	62.61				95	3116			
	1347	66.40								
	1349	66.46								

CMC 6-21-05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0105 C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6/20/2005	Date Well Installed	6/15/05
Height of Well Head Stick-up	34" (stick-up removed)	Date Well Developed	6/20/05
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
AW0105C	1442	63.05'	NA	NA	0	0	3301	NA	NA	TOC @ ground surface
Start	1446	"			9.5'	0				
	1448	52.10'				19				
	1450	49.82'				38				
	1452	49.31'				57				
	1454	49.13'				76				
Finish	1456	49.05'				95	3409			
	1458	62.84								
	1500	62.88								

CMC 6-21-05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0094C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6/20/2005	Date Well Installed	6/16/05
Height of Well Head Stick-up	36"	Date Well Developed	6/20/05
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
AW0094C	1412	66.51'	NA	NA	0	0	3213	NA	NA	
Start	1416	"	↓	↓	9.5	0		↓	↓	
	1418	37.05'			↓	19				
	1420	26.50'				38				
	1422	24.80'				57				
	1424	24.55'				76				
Finish	1426	24.36'	↓	↓	↓	95	3301	↓	↓	
	1428	57.00'								
	1430	64.61'								

CMR 6-21-05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0133 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	06/27/05	Date Well Installed	August, 2004
Height of Well Head Stick-up	3.8 ft	Date Well Developed	06/27/05
Observation Wells Used	NA	Weather	Overcast

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
AW0133UB	0955	70.46'	NA	NA	0	0	3490	NA	NA	
Start	1050	59.60			>10	0				
	1052	59.10				≈20				
	1054	58.72				≈40				
	1056	58.57				≈60				
	1058	58.48				≈80				
Stop	1100	58.49				≈100	3591			
	1102	69.70								
	1104	70.06								

CMC 6/29/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0009 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-508	Technician Name	R. Ramzi
Date	6-28-05	Date Well Installed	6-21-05
Height of Well Head Stick-up	2 inches	Date Well Developed	6-28-05
Observation Wells Used	NA	Weather	Sunny & very 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
AW0009UB	1435	64.27'	NA	NA	0	0	3591	NA	NA	
Start	1444	[illegible]	↓	↓	10	0		↓	↓	
	1446	59.15'			10	20				
	1448	58.80'			↓	40				
	1450	58.59'				60				
	1452	58.45'				80				
Finish	1454	58.36'			✓	100	3701			
	1456	63.75'								
	1458	63.95'								

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0010 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-508	Technician Name	R. Ramzi
Date	6-28-05	Date Well Installed	6-21-05
Height of Well Head Stick-up	0' (at ground level)	Date Well Developed	6-28-05
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
AW0010 UB	1500	64.38'	NA	NA	0	0	3701	NA	NA	
Start	1502	"			10	0				
	1504	51.45'				20				
	1506	50.19'				40				
	1508	49.60'				60				
	1510	49.06'				80				
Finish	1512	49.10'				100	3818			
	1514	63.35'								
	1516	63.87'								

CMC 6-29-05

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Amendment Well Water Injection Test Form

Project Name: Former Boeing C-6 Parcel C Amendment Well
Project Location: 1451 Knox Street, Los Angeles, CA
Project Number: 28882-508
Date: 6-28-05
Height of Well Head Stick-up: 0.5' below grade (TOC)
Observation Wells Used: NA

Well Number: AW0027 B
Page: 1 of 1
Technician Name: R. Ramzi
Date Well Installed: 6-21-05
Date Well Developed: 6-28-05
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
AW0027B	1518	62.42'	NA	NA	0	0	3818	NA	NA	measured from TOC
Start	1524	"			10	0				
	1526	59.50'				20				
	1528	59.38'				40				
	1530	59.31'				60				
	1532	59.29'				80				
Finish	1534	59.25'				100	3920			
	1536	62.21'								
	1538	62.30'								

CMC 6/29/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0031C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-28-05	Date Well Installed	6-22-05
Height of Well Head Stick-up	3'	Date Well Developed	6-28-05
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
AW0031C	1545	66.31'	NA	NA	0	0	3920	NA	NA	
Start	1546	"			10	0				
	1548	50.30'				20				
	1550	49.65'				40				
	1552	49.74'				60				
	1554	49.81'				80				
Finish	1556	49.83'				100	4025			
	1558	65.45'								
	1600									

CdC 6-29-05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0037C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-28-05	Date Well Installed	6-22-05
Height of Well Head Stick-up	3.8 ft	Date Well Developed	6-28-05
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
AW0037C	1722	66.85	NA	NA	0	0	4249	NA	NA	
Start	1726	"	↓	↓	10	0		↓	↓	
	1728	59.96			↓	20				
	1730	59.52				40				
	1732	59.11				60				
	1734	58.83				80				
Finish	1736	58.78				100	4351			
	1738	66.50								
	1740									

CMC 6-29-05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0086B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-28-05	Date Well Installed	6-22-05
Height of Well Head Stick-up	0.5 ft below grade	Date Well Developed	6-28-05
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
AW0086B	1656	62.82	NA	NA	0	0	4136	NA	NA	
Start	1700	"			10	0				
	1702	56.70				20				
	1704	56.42				40				
	1706	56.32				60				
	1708	56.25				80				
Finish	1710	56.22				100	4249			
	1712	62.30								
	1714									

CMC 6-29-05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0086 C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-28-05	Date Well Installed	6-20-2005
Height of Well Head Stick-up	3'	Date Well Developed	6-28-2005
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
AW0086C	1635	66.50'	NA	NA	0	0	4025	NA	NA	
Start	1640	"			10	0				
	1642	58.82'				20				
	1644	58.51'				40				
	1646	58.44'				60				
	1648	58.35'				80				
Finish	1650	58.31'				100	4136			
	1652	66.14'								
	1654	66.38'								

CMC 6-28-05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name: Former Boeing C-6 Parcel C Amendment Well
Project Location: 1451 Knox Street, Los Angeles, CA
Project Number: 28882-508
Date: 6-29-05
Height of Well Head Stick-up: 1'
Observation Wells Used: NA

Well Number: AW0030 B
Page: 1 of 1
Technician Name: R. Ramzi
Date Well Installed: 6-25-05
Date Well Developed: 6-29-05
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
AW0030 B	1409	63.60'	NA	NA	0	0	4585	NA	NA	
Start	1412	"			10	0				
	1414	59.79'				20				
	1416	59.75'				40				
	1418	59.58'				60				
	1420	59.50'				80				
Finish	1422	59.45'				100	4708			
	1424	63.40'								
	1426	63.47'								

CMC 6-30-05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name: Former Boeing C-6 Parcel C Amendment Well
Project Location: 1451 Knox Street, Los Angeles, CA
Project Number: 28882-506
Date: 6-29-05
Height of Well Head Stick-up: 0' (@ ground surface)
Observation Wells Used: NA

Well Number: AW0032B
Page: 1 of 1
Technician Name: R. Ramzi
Date Well Installed: 6-23-05
Date Well Developed: 6-28-05
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
AW0032B	1324	62.70'	NA	NA	0	0	4360	NA	NA	
Start	1330	"	↓	↓	10	0		↓	↓	
	1332	57.41'			↓	20				
	1334	57.17'				40				
	1336	57.09'				60				
	1338	57.04'				80				
Finish	1340	56.96'				100	4473			
	1342	62.35'								
	1344	62.48'								

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0032 C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-29-05	Date Well Installed	6-21-05
Height of Well Head Stick-up	2' 8"	Date Well Developed	6-29-05
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
AW0032C	1347	65.85'	NA	NA	0	0	4473	NA	NA	
Start	1350				10	0				
	1352	58.10'				20				
	1354	58.15'				40				
	1356	58.17'				60				
	1358	58.14'				80				
Finish	1400	58.08'				100	4585			
	1402	65.68'								
	1404	65.73'								

CMR 6-30-05

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Amendment Well Water Injection Test Form

Project Name: Former Boeing C-6 Parcel C Amendment Well
Project Location: 1451 Knox Street, Los Angeles, CA
Project Number: 28882-506
Date: 6-29-05
Height of Well Head Stick-up: 1'3"
Observation Wells Used: NA

Well Number: AW0043B
Page: 1 of 1
Technician Name: R. Ramzi
Date Well Installed: 6-22-05
Date Well Developed: 6-29-05
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
AW0043B	1517	63.62'	NA	NA	0	0	4810	NA	NA	
Start	1520	"			10	0				
	1522	56.15'				20				
	1524	56.22'				40				
	1526	55.02'				60				
	1528	54.97'				80				
Finish	1530	54.91'				100	4922			
	1532	63.20'								
	1534	63.35'								

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0045B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-29-05	Date Well Installed	6-22-05
Height of Well Head Stick-up	0' (@ ground level)	Date Well Developed	6-29-05
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
AW0045B	1447	63.74'	NA	NA	0	0	4709	NA	NA	
Start	1452	"	↓	↓	10	0		↓	↓	
	1454	59.50'			↓	20				
	1456	59.14'				40				
	1458	58.82'				60				
	1500	58.67'				80				
Finish	1502	58.60'	↓	↓	↓	100	4810	↓	↓	
	1504	63.31'								
	1506	63.45'								

CMC
6-30-05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0055 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-29-05	Date Well Installed	6-21-05
Height of Well Head Stick-up	6"	Date Well Developed	6-28-05
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
AW0055UB	1630	63.65'	NA	NA	0	0	4922	NA	NA	
Start	1636	"			10	0				
	1638	49.30'				20				
	1640	48.28'				40				
	1642	47.83'				60				
	1644	47.61'				80				
Finish	1646	47.50'				100	5033			
	1648	62.0'								
	1650	62.87'								

CHL 6-28-05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0063 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-30-05	Date Well Installed	6-20-05
Height of Well Head Stick-up	6"	Date Well Developed	6-27-05
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
AW0063UB	1455	63.28'	NA	NA	0	0	5033	NA	NA	
Start	1500	"			10	0				
	1502	38.74'				20				
	1504	39.10'				40				
	1506	38.34'				60				
	1508	38.05'				80				
Finish	1510	37.85'				100	5136			
	1512	61.50'								
	1514	62.75'								
										25.43' rise @ 10 gpm sustained
										PBS 7/5/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0062C
Project Location	1451 Knox Street, Los Angeles, CA	Page	of
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-30-05	Date Well Installed	6-17-05
Height of Well Head Stick-up	2' 10"	Date Well Developed	6-27-05
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
AW0062C	1518	65.39	NA	NA	0	0	5136	NA	NA	
Start	1522	"			10	0				
	1524	15.00'			10	20				Quick rise
Restart	1530	20.50'			5	30				Adjusted flow rate & reset start time
	1532	20.07'				40				
	1534	19.85'				50				
	1536	20.29'				60	5278			
	1538	20.26'				70				
Finish	1540	20.05'				80				
	1542	53.50'								45.34' rise @ 5 gpm
	1544	60.90'								sustained
										PRS 7/5/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0063C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	6-30-05	Date Well Installed	6-16-05
Height of Well Head Stick-up	3.5'	Date Well Developed	6-27-05
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
AW0063C	1548	66.23'	NA	NA	0	0	5278	NA	NA	
Start	1552	"			10	0				
	1554	47.70'				20				
	1556	46.90'				40				
	1558	46.90'				60				
	1600	46.81'				80				
Finish	1602	46.74'				100	5388			
	1604	65.60'								
	1606	66.10'								19.49' rise @ 10 gpm Sustained
										7/5/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0064UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-1-05	Date Well Installed	6-21-05
Height of Well Head Stick-up	2 ft	Date Well Developed	6-30-05
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
AW0064UB	0830	64.62'	NA	NA	0	0	5388	NA	NA	
Start	0836	"			10	0				
	0838	60.33'				20				
	0840	60.35'				40				
	0842	60.14'				60				
	0844	60.06'				80				
Finish	0846	60.03'				100	5496			
	0848	64.17'								
	0850	64.31'								4.59' rise @ 10 gpm sustained
										7/5/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0065C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7/1/05	Date Well Installed	6-17-05
Height of Well Head Stick-up	3'11'	Date Well Developed	6-29-05
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
AW0065C	0852	66.95'	NA	NA	0	0	5496	NA	NA	
Start	0854	"			10	0				
	0856	42.80'				20				
	0858	46.45'				40				
	0900	45.97'				60				
	0902	45.50'				80				
Finish	0904	45.25'				100	5598			
	0906	64.90'								
	0908	66.58'								21.70' rise @ 10 gpm sustained.
										PRS 7/5/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0065 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7/1/05	Date Well Installed	6-16-05
Height of Well Head Stick-up	11"	Date Well Developed	6-20-05
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
AW0065UB	0911	63.65'	NA	NA	0	0	5598	NA	NA	
Start	0914	"	↓	↓	10	0		↓	↓	
	0916	24.82'	↓	↓	↓	20		↓	↓	
	0918	23.88'	↓	↓	↓	40		↓	↓	
	0920	24.64'	↓	↓	↓	60		↓	↓	
	0922	24.61'	↓	↓	↓	80		↓	↓	
Finish	0924	25.02'	↓	↓	↓	100	5701	↓	↓	
	0926	56.00'								38.63' rise @ 10 gpm
	0928	62.00'								sustained.
										ARS 7/5/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0066 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7/1/05	Date Well Installed	6-14-05
Height of Well Head Stick-up	9"	Date Well Developed	6-20-05
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
AW0066 UB	0932	63.78'	NA	NA	0	0	5701	NA	NA	
Start	0936	"			10	0				
	0938	50.20'				20				
	0940	49.35'				40				
	0942	49.10'				60				
	0944	49.02'				80				
Finish	0946	48.95'				100	5816			14.83' rise @ 10gpm
	0948	62.80'								Sustained.
	0950	63.50'								
										7/5/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0054C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7/1/05	Date Well Installed	6-17-05
Height of Well Head Stick-up	4' 3.5"	Date Well Developed	6-27-05
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
AW0054C	1045	66.88'	NA	NA	0	0	5816	NA	NA	
Start	1050	"			10	0				
	1052	50.42'				20				
	1054	48.70'				40				
	1056	48.25'				60				
	1058	48.23'				80				
Finish	1100	48.11'				100	5920			
	1102	66.20'								
	1104	66.70'								18.77' rise @ 10 gpm sustained
										AR 7/5/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0054 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7/1/05	Date Well Installed	6-23-05
Height of Well Head Stick-up	9"	Date Well Developed	6-27-05
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
AW0054UB	1106	63.49'	NA	NA	0	0	5920	NA	NA	
Start	1110	"			10	0				
	1112	38.35'				20				
	1114	35.75'				40				
	1116	35.50'				60				
	1118	35.93'				80				
Finish	1120	35.82'				100	6021			
	1122	61.70'								
	1124	62.70'								27.67' rise @ 10 gpm sustained.

AK 7/5/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0042 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-508	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-24-05
Height of Well Head Stick-up	0.5' below grade	Date Well Developed	
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
AW0042UB	1503	61.80'	NA	NA	0	0	7014	NA	NA	
Start	1506	"			10	0				
	1508	56.99'				20				
	1510	56.79'				40				
	1512	56.70'				60				
	1514	56.64'				80				
Finish	1516	56.60'				100	7132			
	1518	61.32'								
	1520	61.51'					118 gal			5.20' rise @ ~~10~~ 11.8 gpm
										Sustained
										Pass

7/8/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0052 C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-508	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-23-05
Height of Well Head Stick-up	4' 5.5'	Date Well Developed	
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
AW0052C	1410	66.6'	NA	NA	0	0	6798	NA	NA	
Start	1416	"			10	0				
	1418	52.50'				20				
	1420	53.98'				40				
	1422	53.21'				60				
	1424	53.25'				80				
Finish	1426	53.19'				100	6909			
	1428	66.20'					111 gal			
	1430	66.50'								13.41 ft rise @ 11.1 gpm
										Sustained
										Pass

PR 7/8/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW004ZC
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-21-05
Height of Well Head Stick-up	4' 7"	Date Well Developed	
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
AW004ZC	1434	66.48'	NA	NA	0	0	6909	NA	NA	
Start	1438	"	↓	↓	10	0		↓	↓	
	1440	56.50'	↓	↓	↓	20		↓	↓	
	1442	55.51'	↓	↓	↓	40		↓	↓	
	1444	55.17'	↓	↓	↓	60		↓	↓	
	1446	54.96'	↓	↓	↓	80		↓	↓	
Finish	1448	54.86'	↓	↓	↓	100	7014	↓	↓	
	1450	66.30'					11.5			
	1452	66.41'								11.62 ft rise @ 11.5 gpm sustained
										PASS

7/8/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0044C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-20-05
Height of Well Head Stick-up	3' 10"	Date Well Developed	6-29-05
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
AW0044C	1331	66.74'	NA	NA	0	0	6674	NA	NA	
Start	1336	"	↓	↓	10	0		↓	↓	
	1338	54.44'				20				
	1340	53.85'				40				
	1342	53.62'				60				
	1344	53.49'				80				
Finish	1346	53.40'				100	6798			
	1348	66.50'					124 gal			
	1350	66.63								13.34 ft rise @ ~~10~~ 12.4 gpm
										Sustained
										Pass

PA 7/8/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0044 B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-20-05
Height of Well Head Stick-up	3' 10"	Date Well Developed	6-29-05
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
AW0044B	1246	67.23'	NA	NA	0	0	6562	NA	NA	
Start	1308	"			10	0				
	1310	60.15'				20				
	1312	59.46'				40				
	1314	59.24'				60				
	1316	58.97'				80				
Finish	1318	58.95'				100	6674			
	1320	66.65'					112 gal			
	1322	66.88'								8.28 ft rise @ ~~10~~ 11.2 gpm sustained
										PASS

7/8/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0041C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-24-05
Height of Well Head Stick-up	4'	Date Well Developed	
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
AW0041C	1532	67.20'	NA	NA	0	0	7132	NA	NA	
Start	1538	"	↓	↓	10	0		↓	↓	
	1540	21.00'	↓	↓	↓	20		↓	↓	
	1542	24.10'	↓	↓	↓	40		↓	↓	
	1544	24.38'	↓	↓	↓	60		↓	↓	
	1546	24.47'	↓	↓	↓	80		↓	↓	
Finish	1548	24.41'	↓	↓	↓	100	7234	↓	↓	
	1550	60.00'					102 gal			
	1552	65.60'								42.79 ft rise @ 18gpm sustained
										Pass

RS 7/8/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW 0055 C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-508	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-17-05
Height of Well Head Stick-up	3' 7"	Date Well Developed	
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
AW0055C	0826	66.27'	NA	NA	0	0	6000	NA	NA	
Start	0844	"	↓	↓	10	0		↓	↓	
	0846	54.20'	↓	↓	↓	20		↓	↓	
	0848	49.60'	↓	↓	↓	40		↓	↓	
	0850	46.85'	↓	↓	↓	60		↓	↓	
	0852	45.20'	↓	↓	↓	80		↓	↓	
Finish	0854	44.10'	↓	↓	↓	100	6180	↓	↓	
	0856	65.20'					130 gal			
	0858	66.70'								22.17 ft rise @ 13.0 gpm
										Sustained
										Pass

RRS 7/8/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0053UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-22-05
Height of Well Head Stick-up	4" below grade	Date Well Developed	
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
AW0053C	0903	61.57'	NA	NA	0	0	6130	NA	NA	
Start	0906	"			10	0				
	0908	48.50'				20				
	0910	42.35'				40				
	0912	41.33'				60				
	0914	40.81'				80				
Finish	0916	40.18'				100	6233			
	0918	60.00'					103 gal			
	0920	61.20'								21.39' rise at 10 gpm
										Sustained
										Pass

PAS 7/8/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0053C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-20-05
Height of Well Head Stick-up	3' 9.5"	Date Well Developed	
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
AW0053C	0920	62.63'	NA	NA	0	0	6233	NA	NA	
Start	1002	"	↓	↓	10	0		↓	↓	
	1004	49.00'			↓	20				
	1006	48.49'				40				
	1008	48.50'				60				
	1010	48.60'				80				
Finish	1012	48.51'	↓	↓	↓	100	6345	↓	↓	
	1014	64.90'					122 gal			
	1016	65.55								14.12 ft rise at ~~10~~ 12.2 gpm sustained
										Pass

7/8/05

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Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0051 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-508	Technician Name	R. Ramzi
Date	7-7-05	Date Well Installed	6-23-05
Height of Well Head Stick-up	1.5'	Date Well Developed	
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
AW0051 UB	1020	64.20'	NA	NA	0	0	6345	NA	NA	
Start	1022	"			10	0				
	1024	55.61'				20				
	1026	54.36'				40				
	1028	53.77'				60				
	1030	53.40'				80				
Finish	1032	53.12'				100	6469			
	1034	63.65'					124 gal			
	1036	63.84'								11.08 ft rise @ 12.4 gpm Sustained
										Pass

PRS 7/8/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0051C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Romzi
Date	7-7-05	Date Well Installed	6-17-05
Height of Well Head Stick-up	3' 7"	Date Well Developed	
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
AW0051C	1040	66.49'	NA	NA	0	0	6469	NA	NA	
Start	1042	"	↓	↓	10	0		↓	↓	
	1044	40.00'	↓	↓	↓	20		↓	↓	
	1046	38.85'	↓	↓	↓	40		↓	↓	
	1048	39.81'	↓	↓	↓	60		↓	↓	
	1050	39.83'	↓	↓	↓	80		↓	↓	
Finish	1052	39.62'	↓	↓	↓	100	6562	↓	↓	
	1054	64.10'					93 gal			
	1056	66.30'								26.87 ft rise @ 9.3 gpm sustained
										Pass

RRS 7/8/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0007 B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	6-28-05
Height of Well Head Stick-up	0' (@ ground level)	Date Well Developed	
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
AW0007B	1412	62.58	NA	NA	0	0	8105	NA	NA	
Start	1416	"			10	0				
	1418	54.15				20				
	1420	54.05				40				
	1422	53.85				60				
	1424	53.78				80				
Finish	1426	53.70				100	8198			
	1428	62.55					93 gal			
	1430	62.56								8.88 ft rise @ ~~10~~ 9.3 gpm sustained
										Pass

7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0014 C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	6-29-05
Height of Well Head Stick-up	0' (@ ground surface)	Date Well Developed	
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
AW0014C	1042	64.30'	NA	NA	0	0	7548	NA	NA	
Start	1046	"			10	0				
	1048	48.77'				20				
	1050	47.92'				40				
	1052	47.60'				60				
	1054	47.35'				80				
Finish	1056	47.21'				100	7639			
	1058	63.76'					111 gal			
	1100	64.16'								17.09 ft rise @ 10 gpm sustained
										Pass

7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0013B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	7-1-05
Height of Well Head Stick-up	4'	Date Well Developed	
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
AW0013B	1129	67.25	NA	NA	0	0	7724	NA	NA	
Start	1132	~	↓	↓	10	0		↓	↓	
	1134	63.23			↓	20				
	1136	63.17				40				
	1138	63.13				60				
	1140	63.09				80				
Finish	1142	62.90	↓	↓	↓	100	7827	↓	↓	
	1144	66.95					103 gal			
	1146	67.05								
										5.16 ft rise @ 10 gpm sustained
										Pass

RR 7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0011B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	6-30-05
Height of Well Head Stick-up	1'2"	Date Well Developed	
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
AW0011B	1305	64.10	NA	NA	0	0	7827	NA	NA	
Start	1308	"	↓	↓	10	0		↓	↓	
	1310	57.64	↓	↓	↓	20		↓	↓	
	1312	56.75	↓	↓	↓	40		↓	↓	
	1314	56.27	↓	↓	↓	60		↓	↓	
	1316	55.81	↓	↓	↓	80		↓	↓	
Finish	1318	55.60	↓	↓	↓	100	7910	↓	↓	
	1320	63.10					83 gal			
	1322	63.74								8.5 ft rise @ 8.3 gpm sustained
										Pass

PRS 7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0012 B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	6-27-05
Height of Well Head Stick-up	4' 4.5"	Date Well Developed	
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
AW0012B	1330	67.80	NA	NA	0	0	7910	NA	NA	
Start	1332	"			10	0				
	1334	61.55				20				
	1336	61.26				40				
	1338	61.08				60				
	1340	60.96				80				
Finish	1342	60.83				100	8012			
	1344	67.43					102 gal			
	1346	67.61								6.97 ft rise @ 10.2 gpm Sustained
										Pass

7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0006B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	6-24-05
Height of Well Head Stick-up	4' 3"	Date Well Developed	
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
AW0006B	1350	67.18	NA	NA	0	0	8012	NA	NA	
Start	1354	"			10	0				
	1356	62.70				20				
	1358	62.57				40				
	1400	62.44				60				
	1402	62.38				80				
Finish	1404	62.31				100	8105			
	1406	66.83					93 gal			
	1408	66.97								4.87 ft rise @ 9.3 gpm sustained
										Pass

RR 7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0015B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	6-30-05
Height of Well Head Stick-up	0' (@ ground level)	Date Well Developed	
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
AW0015B	1018	65.15'	NA	NA	0	0	7454	NA	NA	
Start	1024	"			10	0				
	1026	61.40'				20				
	1028	61.20'				40				
	1030	61.10'				60				
	1032	60.99'				80				
Finish	1034	60.90'				100	7548			
	1036	64.80'					94 gal			
	1038	64.90'								4.25 ft rise @ 9.4 gpm sustained
										Pass

PRS 7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0041UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	6-27-05
Height of Well Head Stick-up	1'10"	Date Well Developed	6-30-05
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
AW0041UB	0901	63.92'	NA	NA	0	0	7234	NA	NA	adjusted flow rate
Start	0920	"			10	0				
	0922	62.11'				20				
	0924	62.10'				40				
	0926	61.97'				60				
	0928	61.95'				80				
Finish	0930	61.92'				100	7351			
	0932	63.70'					117 gal			
	0934	63.77'								2.0 ft rise @ 11.7 gpm sustained
										Pass

7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0014B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	7-1-05
Height of Well Head Stick-up	3' 2"	Date Well Developed	
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
AW0014B	1105	67.27'	NA	NA	0	0	7639	NA	NA	
Start	1110	"			10	0				
	1112	61.77'				20				
	1114	61.45'				40				
	1116	61.35'				60				
	1118	61.32'				80				
Finish	1120	61.28'				100	7724			
	1122	66.91'					85 gal			
	1124	67.10'								
										5.99 ft rise @ 8.5 gpm sustained
										Pass

PRS 7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0043C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-8-05	Date Well Installed	6-20-05
Height of Well Head Stick-up	4'5"	Date Well Developed	6-29-05
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
AW0043C	0940	66.76'	NA	NA	0	0	7351	NA	NA	
Start	0944	"	↓	↓	10	0		↓	↓	
	0946	55.83'			↓	20				
	0948	55.89'				40				
	0950	55.86'				60				
	0952	55.87'				80				
Finish	0954	55.86'				100	7454			
	0956	66.54'								
	0958	66.67					103			10.9 ft rise @ 10.3 gpm Sustained
										Pass

PRS 7/11/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0029 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-24-05
Height of Well Head Stick-up	4' 3"	Date Well Developed	7-5-05
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
AW0029 UB	0747	70.45	NA	NA	0	0	45068	NA	NA	
Start	0802	"			8	0				Adjusted flow rate
	0804	47.50				16				
	0806	41.00				32				
	0808	37.95				48				
	0810	33.55				64				
Finish	0812	32.69				80	45135			
	0814	61.00					67			37.76' rise @ 6.7 gpm
	0816	64.45								sustained
										Pass

Note: Totalizer was replaced prior to test → flow rate was less than 10 gpm → 8 gpm

RRS 7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0020 UB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-27-05
Height of Well Head Stick-up	5' 1.5"	Date Well Developed	7-7-05
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
AW0020UB	0825	68.27	NA	NA	0	0	45135	NA	NA	
Start	0828	↓	↓	↓	10	0		↓	↓	
	0830	65.22			↓	20				
	0832	64.97				40				
	0834	64.82				60				
	0836	64.72				80				
Finish	0838	64.65	↓	↓	↓	100	45238	↓	↓	
	0840	67.90					103			3.62' rise @ 10.3 gpm
	0842	68.02								sustained
										Pass

RS 7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0034C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-28-05
Height of Well Head Stick-up	3' 2"	Date Well Developed	7-6-05
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
AW0034C	0850	66.50	NA	NA	0	0	45238	NA	NA	
Start	0852	"			10	0				
	0854	48.00				20				
	0856	50.05				40				
	0858	48.40				60				
	0900	47.65				80				
Finish	0902	47.14				100	45315			
	0904	65.75					77 gal			
	0906	66.35								19.36' rise @ 7.7 gpm sustained
										Pass

7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0034B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-29-05
Height of Well Head Stick-up	0.5' below grade	Date Well Developed	7-7-05
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
AW0034B	0910	68.25	NA	NA	0	0	45315	NA	NA	
Start	0916	"			10	0				
	0918	61.75				20				
	0920	61.41				40				
	0922	61.16				60				
	0924	61.01				80				
Finish	0926	60.88				100	45419			
	0928	67.26					104			
	0930	67.58								
										7.37' rise @ 10.4 gpm sustained
										Part

7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0028B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-29-05
Height of Well Head Stick-up	2' 11"	Date Well Developed	7-6-05
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
AW0028B	0941	70.90	NA	NA	0	0	45419	NA	NA	
Start	0944				10	0				
	0946	46.30				20				
	0948	44.71				40				
	0950	44.18				60				
	0952	43.82				80				
Finish	0954	43.61				100	45506			
	0956	68.60					87			
	0958	70.42								27.29' rise @ 8.7 gpm sustained

7/13/06

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0087B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-27-05
Height of Well Head Stick-up	0' (@ ground level)	Date Well Developed	7-6-05
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
AW0087B	1020	62.94	NA	NA	0	0	45506	NA	NA	
start	1022	"			10	0				
	1024	43.55				20				
	1026	42.52				40				
	1028	42.14				60				
	1030	42.06				80				
Finish	1032	41.90				100	45593			
	1034	61.30					87			
	1036									21.04' rise @ 8.7 gpm sustained
										Pass

PR 7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0087C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-23-05
Height of Well Head Stick-up	3'7"	Date Well Developed	7-6-05
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
AW0087C	1039	66.58	NA	NA	0	0	45593	NA	NA	
Start	1044	"			10	0				
	1046	56.22				20				
	1048	56.32				40				
	1050	56.11				60				
	1052	55.95				80				
Finish	1054	55.90				100	45683			
	1056	66.45					90			
	1058	66.50								10.68' rise @ 9.0 gpm sustained

7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0026 C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-27-05
Height of Well Head Stick-up	3' 5"	Date Well Developed	7-6-05
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
AW0026C	1100	66.40	NA	NA	0	0	45683	NA	NA	
Start	1104	"			10	0				
	1106	43.92				20				
	1108	53.60				40				
	1110	51.71				60				
	1112	51.52				80				
Finish	1114	51.53				100	45781 ~~98~~			
	1116	65.64								
	1118	66.22								
										14.87' rise @ 9.8 gpm sustained
										Pass

7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0026 B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-29-05
Height of Well Head Stick-up	9"	Date Well Developed	7-6-05
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
AW0026B	1302	63.82	NA	NA	0	0	45781	NA	NA	
Start	1306	"			10	0				
	1308	52.80				20				
	1310	52.10				40				
	1312	51.83				60				
	1314	51.42				80				
Finish	1316	51.45				100	45888			
	1318	63.23					107			
	1320	63.48								
										12.37' rise @ 10.7gpm Sustained
										Pass

7/13/05

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

June 2005

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0025 B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-29-05
Height of Well Head Stick-up	4'3"	Date Well Developed	7-6-05
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
AW0025B	1324	67.59	NA	NA	0	0	45888	NA	NA	
start	1330	"			10	0				
	1332	65.90				20				
	1334	65.20				40				
	1336	64.96				60				
	1338	65.00				80				
Finish	1340	65.08				100	45989			
	1342	67.20					101			
	1344	67.33								2.51' rise @ 10.1 gpm sustained.
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0025C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-28-05
Height of Well Head Stick-up	4'	Date Well Developed	7-6-05
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
AW0025C	1346	67.01	NA	NA	0	0	45989	NA	NA	
Start	1350				10	0				
	1352	51.50				20				
	1354	54.72				40				
	1356	54.68				60				
	1358	54.50				80				
Finish	1400	55.85				100	46073			
	1402	66.65					84			
	1404									
										12.51' rise @ 8.4 gpm sustained
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0023B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-30-05
Height of Well Head Stick-up	4' 3"	Date Well Developed	7-6-05
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
AW0023B	1428	67.39	NA	NA	0	0	46073	NA	NA	
Start	1432	"			10	0				
	1434	58.93				20				
	1436	58.62				40				
	1438	58.36				60				
	1440	58.28				80				
Finish	1442	58.23				100	46179			
	1444	67.00					106			
	1446	67.15								
										9.16' rise @ 10.6gpm
										Sustained
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0023 C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-21-05
Height of Well Head Stick-up	4'	Date Well Developed	7-7-05
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
AW0023C	1455	67.11	NA	NA	0	0	46179	NA	NA	
Start	1458	"	↓	↓	10	0		↓	↓	
	1500.	56.24			↓	20				
	1502	56.85				40				
	1504	56.62				60				
	1506	56.49				80				
Finish	1508	56.30	↓	↓	↓	100	46280	↓	↓	
	1510	66.85					101			
	1512	67.02								
										10.81' rise @ 10.1 gpm
										Sustained
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0016 B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-29-05
Height of Well Head Stick-up	3' 10"	Date Well Developed	
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
AW0016B	1515	66.97	NA	NA	0	0	46280	NA	NA	
Start	1518	"			10	0				
	1520	61.20				20				
	1522	60.83				40				
	1524	60.64				60				
	1526	60.42				80				
Finish	1528	60.29				100	46370			
	1530	66.60					90			
	1532	66.73								6.68' rise @ 9.0 gpm sustained
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0021 B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-30-05
Height of Well Head Stick-up	10"	Date Well Developed	7-6-05
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
AW0021B	1544	63.65	NA	NA	0	0	46370	NA	NA	
Start	1548	"			10	0				
	1550	51.40				20				
	1552	48.15				40				
	1554	46.20				60				
	1556	45.08				80				
Finish	1558	43.98				100	46477			
	1600	62.50								
	1602						107			19.67' rise @ 10.7 gpm Sustained
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0021C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-27-05
Height of Well Head Stick-up	5' 1.5"	Date Well Developed	7-7-05
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
AW0021C	1605	68.34	NA	NA	0	0	146477	NA	NA	
Start	1610	"	↓	↓	10	0		↓	↓	
	1612	55.97	↓	↓	↓	20		↓	↓	
	1614	55.25	↓	↓	↓	40		↓	↓	
	1616	54.86	↓	↓	↓	60		↓	↓	
	1618	54.59	↓	↓	↓	80		↓	↓	
Finish	1620	54.41	↓	↓	↓	100	465751	↓	↓	
	1622	68.20					98			
	1624	68.25								
										13.93' rise @ 9.8 gpm Sustained
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0018 B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-30-05
Height of Well Head Stick-up	4' 5"	Date Well Developed	7-6-05
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
AW0018B	1627	67.50	NA	NA	0	0	46575	NA	NA	
Start	1630	"			10	0				
	1632	60.20				20				
	1634	59.58				40				
	1636	59.31				60				
	1638	58.97				80				
Finish	1640	58.90				100	46665			
	1642	67.03					90			
	1644	67.24								8.60' rise @ 9.0gpm sustained
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0018C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-28-05
Height of Well Head Stick-up	2.5'	Date Well Developed	7-6-05
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
AW0018C	1650	66.26	NA	NA	0	0	46665	NA	NA	
Start	1654	"	↓	↓	10	0		↓	↓	
	1656	54.95			↓	20				
	1658	54.26				40				
	1700	53.91				60				
	1702	53.70				80				
Finish	1704	53.55	↓	↓	↓	100	46763	↓	↓	
	1706	66.15					98			
	1708	66.17								
										12.71' rise @ 9.8 gpm sustained
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0019C
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-30-05
Height of Well Head Stick-up	2'4"	Date Well Developed	7-5-05
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
AW0019C	1712	71.91	NA	NA	0	0	46763	NA	NA	
Start	1718	"			10	0				
	1720	65.67				20				
	1722	65.47				40				
	1724	65.39				60				
	1726	65.31				80				
Finish	1728	65.27				100	46875			
	1730	66.60					112			
	1732	66.60								6.64' rise @ 11.2 gpm sustained

7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW0008B
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-30-05
Height of Well Head Stick-up	4' 2"	Date Well Developed	7-5-05
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
AW0008B	1737	67.48	NA	NA	0	0	46875	NA	NA	
Start	1740	"			10	0				
	1742	60.43				20				
	1744	60.30				40				
	1746	60.25				60				
	1748	60.20				80				
Finish	1750	60.15				100	46961			
	1752	67.17					86			
	1754	67.21								7.33' rise @ 8.6 gpm sustained
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW166 LB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-29-05
Height of Well Head Stick-up	0.5'	Date Well Developed	7-5-05
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
AW166LB	1800	66.55	NA	NA	0	0	46961	NA	NA	
Start	1804	"			10	0				
	1806	60.95				20				
	1808	60.93				40				
	1810	60.94				60				
	1812	60.91				80				
Finish	1814	60.90				100	47061			
	1816	66.38					100			
	1818	66.45								5.60' rise @ 10.0 gpm sustained
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name	Former Boeing C-6 Parcel C Amendment Well	Well Number	AW167 LB
Project Location	1451 Knox Street, Los Angeles, CA	Page	1 of 1
Project Number	28882-506	Technician Name	R. Ramzi
Date	7-11-05	Date Well Installed	6-30-05
Height of Well Head Stick-up	4' 3"	Date Well Developed	7-5-05
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
AW167LB	1828	70.41	NA	NA	0	0	47061	NA	NA	
Start	1832	"			10	0				
	1834	60.84				20				
	1836	60.35				40				
	1838	60.16				60				
	1840	60.05				80				
Finish	1842	60.00				100	47161			
	1844	69.90					100			
	1846	70.11								
										10.41' rise @ 10.0 gpm sustained
										Pass
										7/13/05

HALEY & ALDRICH

Amendment Well Water Injection Test Form

Project Name: Boeing C-6
Project Location: 1451 Knox St., LA, CA
Project Number: 28882-506
Date: 7-15-05
Height of Well Head Stick-up: 3' 4"
Observation Wells Used: NA

Well Number: AW0013C – Replacement Well
Page: 1 of 1
Technician Name: R. Ramzi
Date Well Installed: 7-13-05 @ 9:00
Date Well Developed: 7-15-05 @ 9:00
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
AW0013C	0855	66.95	NA	NA	0	0	138188	NA	NA	
Start	0908	"			≈8.5	0				
	0910					17				
	0912	56.10				34				
	0914	50.45				51				
	0916	50.45				68				
Finish	0918	50.30				85	138272			
	0920	50.26					86			
	0922	64.70								
		66.05								16.69 ft rise @ 8.6 gpm Sustained
										Pass
										7/18/05

ATTACHMENT I

Health and Safety Incident Report and Corrective Action Plan

Incident Report/Corrective Action Plan
Overhead Electric Line Incident, Former C-6 Facility
June 20, 2005

Background:

Phase IV of the Lot 8 remediation well installation program is under way. The program consists of the installation of 83 amendment wells through the use of hollow-stem auger (HSA) drilling rigs. Drilling during this phase of work commenced on 05/31/05. Up to five HSA drilling rigs and 3-person crews per rig are on site at the same time. The drilling contractor is Water Development Corporation (WDC). Through 6/17/05, 25 of the 83 wells have been installed. Drill cuttings and well materials are staged in pre-determined areas of the site and are accessed by forklift.

Incident:

At approximately 8:05 am on 6/20/05, a WDC employee driving a forklift in the well materials storage area hit an overhead temp power line east of the Millie & Severson construction trailer. The power lines are on temporary power poles and provide electricity and phone to the Millie & Severson trailer as well as the former WalMart construction trailer.

Travis Hammond of Haley & Aldrich spoke with Juan Alvarez, the WDC employee driving the fork lift immediately after the incident. Juan indicated that he was asked to bring well materials from behind the trailer, and he was told that the shorter forklift was currently shut down for repair of a hydraulic oil leak. He used the taller forklift and did not see the overhead power lines when he drove behind the trailer, where the WDC well materials were stocked. Juan indicated to Travis Hammond that he saw the wires swinging above the forklift and may have heard sparks. He had another employee use a seven-foot long 2 by 4 to lift the wires as he pulled the forklift out of the material staging area.

Travis Hammond inspected the wires and noticed that a phone wire with the power lines had been damaged. It was not clear if the power lines were damaged. The wires appeared to be cut and taped at a power pole near the north end of the Millie and Severson trailer. They hung at a height of approximately 11 feet above the ground at the time of inspection. It is not clear if the wires were higher prior to the forklift contacting them.

Travis Hammond then spoke with the site general contractor superintendent, Dave Harper, with Millie and Severson. He indicated that the trailer power and phone service were not interupted and that the lower hanging lines were from the recently removed construction trailer used by the WalMart contractor on the adjacent lot.

Immediate Actions that were taken in the filed included:

- A large plywood signs saying "Do Not Enter" and "LOOK UP with an arrow" near the entrance to the material staging area were put in place.

DRAFT

- Travis Hammond suspended all drilling operations and spoke with Ruben Lares, the WDC Lead Driller. He indicated that Bob Nix, WDC Manager also wanted to shut down all crews to discuss the incident at a Health and Safety Meeting.
- Travis Hammond called Temp Power to inspect the lines
- Jeremy Squire de-energized the line at the temporary power disconnect panel and placed a Boeing lock on it until Temp Power could inspect.

At 9:30 am, Ruben Lares and Travis Hammond held the safety meeting in the material staging area. Glenn Androsko, Ramzi Ramzi, and Jeremy Squire participated for H&A, and all WDC personnel attended. Dennis Carlson arrived on site during the meeting and was informed of the details of the incident at the conclusion of the meeting.

Items discussed at the Health & Safety meeting included:

- How the incident occurred including:
  - Broken shorter forklift/use of improper
  - Juan's lack of training in equipment operation (forklift).
  - Location of the materials staging area
  - Height of the temporary power lines
  - Attentiveness of the forklift driver

- Corrective actions immediately implemented after the safety meeting included:
  - No further forklift operation under the wires until Temp Power inspects, removes and/or deems them safe. A large plywood "DO NOT ENTER" sign was placed across the entrance to the staging area.
  - Only certified operators are to use the fork lifts
  - Use of the correct-sized equipment
  - Move the material staging area north to an open area on site,
  - WDC to fill out an incident report/corrective action plan
  - Ensure that the field crew has read, understands, and implements the corrective actions

At 1:30 pm, Bob Nix from WDC arrived at the site, and began investigating the incident. At 2 pm, Bob Nix and Travis Hammond discussed the power line incident, and measures to be taken to prevent a recurrence. Bob Nix indicated that WDC will enforce a Certified Driver only rule and reinforce overhead utility line awareness to all crew at the morning safety meeting. A copy of the WDC incident report and corrective action memo are attached.

At 4:15, the Temp Power field crew arrived and de-energized the wires. They removed the wires hanging at 11 feet above ground. The Temp Power crew then tightened the upper wire to raise it up higher. Paul indicated that the wires had been taken out of service and de-energized the last time they were on site. He indicated that they had not locked the main switch in the off position, and that someone must have turned them back on after they left.

Draft

Root Cause/Corrective Actions:

Root Cause:

- The forklift operator was not trained and certified to operate the equipment.
- The drilling crew leader asked a crew member to operate the forklift without verifying that he had the required training/certification.
- Improper (oversize) equipment was being used to perform the material staging and movement task.

Corrective Action:

- No equipment shall be operated at the site without the proper training and certification.
- The proper equipment shall be used for the job. All improper equipment shall be removed from the job site. All equipment shall be safety inspected by the certified operator prior to operation.
- The morning Health & Safety meetings have a heightened awareness of overhead and underground utilities as well as equipment operation certification.
- No further material staging will be done near the site power lines

Draft

WDC EXPLORATION & WELLS
Loss / Near Loss Report

District: ☐ D-1 ☒ D-2 ☐ D-3 ☐ D-4 ☐ D-5 ☐ D-8 ☐ CHQ
Other:

Date & Time of Incident: **6/20/05 - 8:05 AM**

Report Status: ☐ Initial ☒ Final | **Report Type:** ☐ **Loss** ☒ **Near Loss** | Time reported to District: **8:30 AM**

INCIDENT TYPES:
From the lists below, select the option that best categorizes the incident. When selecting an injury, illness or near loss, also indicate severity level.

☐ **INJURY** ☐ **ILLNESS** ☒ **NEAR LOSS**

Severity Level
(Check all that apply)

☐ Fatality ☐ Lost Time
☐ Modified Duty ☐ Medical Treatment
☐ First Aid ☐ Non-Industrial Injury
☒ Equipment Related ☐ Other:

OTHER INCIDENT TYPES:
☐ Spill / Release ☐ Property Damage
☐ Motor Vehicle ☐ Fire
☒ Equipment ☐ _____

NOTIFICATION TREE:

	Date & Time:
☒ Field Operations Manager	**6/20/05 - 8:30 AM**
☒ District Manager	**6/20/05 - 8:40 AM**
☒ Director of Safety & Health	**6/20/05 - 10:00 AM**
☒ President	**6/21/05 - 7:35 AM**

Person(s) Injured / Involved: Steve Carnahan

Rig / Equipment involved: Rental Forklift

Person involved: Jorge Solis

On Client premises: ☒ YES ☐ NO If "YES" Client name and location: Boeing C-6 Lot 8 Torrance, CA

Client Contact Information:
Client Representative: **Travis Hammond** Representative Phone#: **619-981-1767**

Describe Injury or illness:

Body part affected:

Medical Provider: Ph # ( ) -

Describe details that lead to incident: **While driving over to designated staging area, top of forklift hit low temporary power lines.**

PERSONS ON CREW	Years Experience	Contact Information
DRILLER / OPERATOR: **Javier Rios**	**7**	Ph # **(909) 931-4014**
HELPER: **Jorge Soils**	**7 Mnths**	Ph # **(909) 931-4014**
HELPER:		Ph # **(909) 931-4014**
FIELD OPERATIONS MANAGER: **Bob Nix Jr**	**27**	Ph # **(714) 602-4250**
OTHER:		Ph # ( ) -

Witness Name:	Witness Contact Info:	Ph # ( ) -
Witness Name:	Witness Contact Info:	Ph # ( ) -

Additional Details: **Actions taken to prevent a near miss - Mark all temporrary power lines, look up while driving forklift. Having certified forklift operator driving forklift. Stand down and notifiy all employees onsite regarding temporay powerlines. Notify temporay power line company regarding LOW power lines, making sure things are done properly & instructing at all times on safety procedures.**

Report prepared by: **Bob Nix, Jr.**

WDC - URGENT SAFETY ALERT

"Safety Always"

SUBJECT: NEAR LOSS OCCURANCE 06/20/2005: District Two, Orange County Office – A temporary power line in the vicinity of a construction trailer was hit by a forklift driven by a WDC employee.

Supplies used by WDC had been stored behind the construction trailer on this project. The materials were accessed by a low profile forklift. Earlier the same day the low profile forklift broke down and when supplies were needed, a larger forklift was used.

The fact that this lift would not clear the overhead line was not observed by the operator.

The impact broke one of the three woven cables, but the operator was not injured and the equipment was not damaged. The overhead line was still in place when the forklift moved away.

The line had served the Wal-Mart construction group until last week. Apparently the temporary power company had removed all but one span of the service without shutting the power down. With the client's assistance, the service switch was shut off and a lock place on the box to prevent re-energizing. The client contacted the temporary power company to come out and remove/secure the damaged line.

The area was secured from further access by motorized equipment and direction was given that once the line was secured by the temp power company, all materials were to be moved to an open area.

PRIORITY: URGENT

These findings are preliminary. Additional information will be provided as it becomes available.

ROOT CAUSES / CONTRIBUTING FACTORS:

1. Training
2. Equipment Selection
3. Site Set-up
4. Use of STOP card

ACTION ITEMS:

1. Verify level of operator training for all hands to ensure all hands that operate our forklift have the appropriate forklift authorization. Communicate your training needs with Mike Villa - Training Coordinator as soon as possible.
2. Replace like for like when ever possible when changing out equipment during a job or task
3. Communicate to operators and rig hands that materials should only be located where they can safely be handled
4. Review STOP card use & policy with all hands:
    a. Assess the risks and potential risks
    b. Analyze how to eliminate, or reduce the risks
    c. Act to ensure safe operations

WDC EXPLORATION & WELLS
S.T.O.P. Card Policy and Procedure

Purpose

WDC Exploration & Wells is dedicated to the protection of its employees from hazards that arise in the performance of the duties of their jobs. These hazards present in many forms. The S.T.O.P. procedure is intended to allow specifically for the time and resources for the Driller / Operator to each day evaluate risks and/or potential risks for the following:

→ Set-up
→ Tools
→ Operations
→ P.P.E.
→ Operator Safety comments

The information gathered from this procedure is to be posted each day to ensure it is reviewed by any and all that enter within the perimeter of our work area.

ADMINISTRATIVE DUTIES

The Operator/Driller is responsible to produce the S.T.O.P Card....DAILY!

This responsibility includes such elements as the following:

- Assess the risks and potential risks
- Analyze how to eliminate, or reduce the risks
- Act to ensure safe operations
- Require and direct **any** person (including WDC employees) entering into the WDC work perimeter to sign-in at the WDC Safety System Safety Stop to review and acknowledge items posted at the "Safety Stop"

SET-UP

The process of setting up at the work location is the equivalent of building the foundation of the work. Prior to setting up Assess the general vicinity looking for obvious hazards as well as potential hazards. Analyze your options to eliminate, or reduce the risks during the set-up phase. The most important step is to Act or actually do something to ensure safe operations

TOOLS

As you and your crew perform the set-up process and you prepare your work area inspect your tools and the material required to perform the work. Assess the tools and materials for defects, wear and tear and/or anything else that might effect your safety or the safety of others. Analyze what you need to do to render the tool or material safe to use. Act to ensure the tools and materials are used safely.

OPERATIONS

As you and your crew perform the set-up process and you prepare your work area Assess the days operations from beginning to end to determine anything that might affect your safety or the safety of others. Analyze what you need to do to render the operations safe. Act to ensure the safety of the days operations.

PERSONAL PROTECTIVE EQUIPMENT

As you and your crew perform the steps above Assess the P.P.E. that will be required to perform. Analyze what P.P.E. you need to do to render the operations safe. Act to ensure the P.P.E. is properly used throughout the days operations.

S.T.O.P. Forms

S.T.O.P. Forms are available at the district office.

Conclusion

The primary objective of the S.T.O.P. procedure is for the Operator / Driller to daily ASSESS those risks and potential risks that could cause or potentially cause an incident to occur. Analyze those risks and/or potential risks to determine what actions must be performed in order for the days operations to occur safely.

Appendices

None