Shaw Environmental & Infrastructure, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG	DATE	8	4	10
	NO.	—		
	SHEET 1	OF	1	

PROJECT NAME: EPA Pavillion Drilling

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: Additional of cement up to ~790 ft.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 Arrived [redacted] (b)(6) privacy [Landowner name] MW-1. Stopped by [redacted] (b)(6) privacy [Landowner] MW-1 to check pressure reading on gauge. (Gauge applied yesterday ~1640 after water level measurement). Pressure ~~[illegible]~~ 35 psi.

0745 Held tailgate safety meeting/JSA. ↳ Large puddle water at entrance to Locker MW-1. Called present problem w/ entry ~~[illegible]~~ of Rain-for-Rent for Roll-off bin relocation.

0800 Begin rig warm up/prep for grouting.

0910 Begin addition of cement from 831 ft to ~790 ft. Used 16 bags & 92.6 lb bags Quikcrete Type III w/4 cups calcium chloride. Mixed in 55 gal drumed in batches of 4 bags-batch

0935 Begin removal of BQ rods (Atomic)

1010 J. Prince (Shaw) / R. Otto (Boart) return from Locker MW-1. Vapor readings in well LEL = 13%, PID = 19.~~34~~ 85 ppm.

1030 Frac tank arrives on-site.

1315 Rain-for-Rent leaves site. Two bins previously filled w/ mud move from [redacted] (b)(6) privacy [Landowner] to [redacted] (b)(6) privacy [Landowner name]. Informed driver of hole in 1 bin near top. Shaw/Boart did not make hole. Driver also found paint scratch/small dent near front. Said we will have to report. To my knowledge, dents did not occur during my presence on site. R. Otto (Boart) believes it must have happened during unloading, several of other bins also have similar dents at same location.

- Rain-for-Rent slightly lifted 2 full tanks, to allow hoses to be slid under, to allow water to drain out back ports.
- BQ rods removed from borehole. Mud in borehole very thick. Will have to thin. Pumped portion of mud from tank into roll-off.

1345 Boart begins to install drill rods for conditioning tomorrow. With only advance ½ string to prevent stirring concrete.

1435 Drill rods inserted to proper depth.

1505 Left site for hotel. End of day.

VISITORS ON SITE: Boart long year: Russ Otto, Cody Seal, Nelson Etheridge, Riley Otter

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER OFFICIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: clear, sunny, warm (60°), calm, drying - A.M. cloudy, rain (1310-1500), warm (85°), breezy - P.M.

IMPORTANT TELEPHONE CALLS:

SHAW ENV. PERSONNEL ON SITE: D. Kessler, J. Prince, J. Wilson

SIGNATURE: David Kessler

DATE: 8/4/10

Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	8	5	10
NO.			
SHEET 1 OF 2			

PROJECT NAME: EPA PAVILLION DRILLING

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: SETTING 4" STEEL CASING

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ONSITE AT (b)(6) privacy [Landowner name] MW-1
0720 TAILGATE SAFETY MEETING
0750 MUD SYSTEM + RIG WARMUP FOR CONTINUING DOWN TO TOP OF CEMENT
0805 LOWERING DRILL RODS DOWN FROM 406 FT TO TOP OF CEMENT
0905 TAGGED TOP OF CEMENT AT 797 FT
CONDITIONING MUD FOR SETTING CASING
0930 MUD IS VERY THICK FROM CEMENT SO MOODY PUMP CAN BARELY PUMP TO MUD SYSTEM, [redacted] PUMPED OUT THICK MUD INTO ANOTHER FILTER BOX
1010 ADDED WATER TO MUD SYSTEM AND LOWERED VISCOSITY FROM 2100 TO 31 AND RECIRCULATING MUD
1115 TRIPPING OUT OF HOLE WITH DRILL RODS
1230 OUT OF THE HOLE WITH DRILL RODS
BREAK DOWN DRILL BIT AND STABILIZER
1315 WATER OFFSITE TO FILL UP WITH WATER
BREAKING DOWN DRILLING HEAD
1350 LOWERED IN THE 20 FT 8 1/2" OD x 4" ID STAINLESS STEEL SCREEN
1430 WELDING ON THE GROUT BASKET TO THE TOP OF THE SCREEN
1530 LOWERING DOWN THE CASING (4" BLK STEEL T+C) IN 21 FT SEGMENTS. FILLING PIPE WITH WATER AS LOWERED TO DISPLACE MUD FROM THE SCREEN TO HELP WITH DEVELOPMENT
1810 SCREEN SET AT 765 FT - 785 FT. LOWERING DOWN THE DR RODS (TREMIE PIPE) TO JUST ABOVE THE SCREEN
2005 TREMIE PIPE SET AT 761 FT CIRCULATING MUD UP TO SET CEMENT PLUG

VISITORS ON SITE:
BRENT LONGFORD - CO DPH SEAL, ADAM ENSLEY, RILEY OSTLER, RUSS OTTO

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS:
SUNNY WARM 580 F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J. WILSON + J. PRINCE

SIGNATURE: James A. Wilson

DATE: 8/5/10

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Shaw Environmental, Inc.

Daily Log				
	Date	8	5	10
	No.			
	Sheet	2 of 2		

FIELD ACTIVITY DAILY LOG
CONTINUATION SHEET

PROJECT NAME: EPA PAVILION DRILLING

PROJECT NO. 139703

FIELD ACTIVITY SUBJECT: SETTING 4" STEEL CASING

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

2025 PUMPING 55 GALLONS OF THIN DRILLING MUD THROUGH LINES TO LUBRICATE FOR CEMENT APPLICATION

2030 MIXING 5 BAGS OF PORTLAND CEMENT WITH CALCIUM CHLORIDE AND PUMPING DOWN TO TOP OF SAND GROUT BASKET FOR CEMENT PLUG TO APPROXIMATELY 750 FT

2050 PULLED UP 120 FT OF TREMIE PIPE TO 630 FT AND CIRCULATED MUD

2100 CLEANED OUT HOSES WITH WATER

2115 OFF-SITE

Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	8	6	10
NO.			
SHEET 1 OF 1			

PROJECT NAME: EPA PAVILLION DRILLING | PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: CEMENTING 4" STEEL CASING

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ONSITE AT (b)(6) privacy [Landowner name] MW-1
0800 TAILGATE SAFETY MEETING
0815 MUD SYSTEM + RIG WARM UP
0845 LOWERED BQ RODS (TREMIE PIPE) DOWN TO 650 FT AND CIRCULATE & CONDITION MUD FOR CEMENTING CASING
1100 LINE PUMP TRUCK ONSITE (PIONEER CONCRETE PUMPING)
1130 TWO CONCRETE TRUCKS ONSITE (RIVERTON READY MIX)
1145 PUMPING CEMENT GROUT INTO WELL FROM 1ST TRUCK PUMPED 7 CY OF PORTLAND CEMENT INTO WELL AT 750 FT
1155 PULLED OUT 200 FT OF TREMIE PIPE UP TO 550 FT
1210 PUMPING CEMENT GROUT FROM 2ND TRUCK INTO WELL
1225 FINISHED PUMPING 7 CY OF PORTLAND CEMENT FROM 2ND TRUCK
1235 PULLED OUT REST OF 550 FT OF TREMIE PIPE OUT OF HOLE CONCRETE TRUCKS AND LINE PUMP TRUCK OFFSITE
1320 TREMIE PIPE OUT OF HOLE - CLEANING OUT TREMIE PIPE
1405 OFF-SITE

VISITORS ON SITE: BURT LONGYEAR, RUSS OTTO, CODY SEAL, ADAM ERNGER, RILEY OSTLER, JEREMIAH BALIUS WITH PIONEER CONCRETE PUMPING

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: SUNNY 70°F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J. WILSON, J. PRINCE

SIGNATURE: James R Wilson DATE: 8/6/10

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Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	8	9	10
NO.			
SHEET	OF		

PROJECT NAME: EPA PAVILLION DRILLING — PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: BREAK DOWN RIG AND REMOVE BOP

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ONSITE AT (b)(6) privacy [Landowner name] [redacted] MW-1
0730 TAILGATE SAFETY MEETING
0800 BREAKING DOWN DRILLING RIG
0900 WEATHERFORD ONSITE (JERMEY SCHOONER) DISCONNECTED LINES TO BOP TRAILER.
0920 WEATHERFORD OFFSITE WITH BOP TRAILER
0930 MOVED DRILLING RIG OFF OF BOP PLATFORM
1000 3 - [redacted] VACUUM TRUCKS ONSITE TO REMOVE MUD FROM MUD SYSTEM AND 2 ROLLOFFS (IGO OIL SERVICES)
1015 PUMPING FIRST VACUUM TRUCK FROM MUD SYSTEM
1040 PUMPED ≈ 80 BARRELS FROM MUD TANK - PUMPING FROM 1ST FILTER BOX FULL OF MUD - MOVED BOP PLATFORM OFF OF (b)(6) privacy [Landowner name] [redacted] MW-1. WEATHERFORD ONSITE TO REMOVE BOP OFF OF RANDALL MW-1.
1140 WEATHERFORD OFF-SITE WITH BOP.
1200 ANCHOR SUPER VACUUM TRUCK ONSITE. 2ND VACUUM TRUCK HAS ≈ 90 BARRELS FROM FILTER BOXES
1245 SUPER VACUUM TRUCK SUCKING OUT HEAVY MUD IN MUD SYSTEM
1445 EPA ONSITE (RANDALL ROSS + STEVEN ACREE)
1545 EPA OFFSITE
1615 ANCHOR ENVIRONMENTAL OFFSITE ESTIMATED 12,800 GALLONS OF MUD PUTIN 4 VACUUM TRUCKS WHICH INCLUDED 1,000 GAL RANGE WATER
1730 OFFSITE

VISITORS ON SITE: BOARTLONGYEAR - RUSS OTTO, CODY SEAL, ADAM ENSIGN, RILEY OSTLER JERMEY SCHOONER WITH WEATHERFORD EPA - RANDALL ROSS + STEVEN ACREE

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: SUNNY 60°F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J. WILSON, J. PRINCE

SIGNATURE: Jones J. Wilson — DATE: 8/9/10

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Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	8	10	10
NO.			
SHEET 1 OF 2			

PROJECT NAME: EPA PAVILLION DRILLING

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: DECON DRILLING EQUIPMENT + ABOVE GROUND COMPLETION FOR RANDALL MW-1

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ON SITE AT (b)(6) privacy [Landowner name] MW-1
0730 TAILGATE SAFETY MEETING
0745 DECON MUD SYSTEM AND LOADING DRILLING EQUIPMENT
0830 DISCONNECTING DEVELOPMENT COMPLETION AT LOCKER MW-1 TO PUT ON (b)(6) privacy [Landowner name] MW-1 WATER LEVEL 590 FT-BGS WHICH IS 390 FT OF WATER COLUMN IN WELL LOCKER MW-1
0900 INSTALL 2" BALL VALVE ON LOCKER MW-1 BALL VALVE BROKE LEFT LOCKER MW-1 OPEN
0930 MOB COMPLETION RIG FROM LOCKER MW-1 TO RANDALL MW-1
0950 SET UP COMPLETION RIG ON (b)(6) privacy [Landowner name] MW-1 WITH DECON PAD EPA ONSITE (RANDALL ROSS + STEVEN ACREE)
10:30 CAREY MOLDENHAUER WITH BOART LONGYEAR ONSITE TO INSPECT DRILLING EQUIPMENT FOR DOT TRANSPORT
1100 CUTTING 4" T&C STEEL CASING FOR COMPLETION SETUP (b)(6) privacy [Landowner name] MW-1 WATER LEVEL 168 FT-BGS
1300 CAREY MOLDENHAUER ~~[illegible]~~ JRW OFF-SITE ~~WITH MUD SYSTEM AND HEADED BACK TO PORT LAND.~~ JRW
1400 CUTTING OFF BOP FLANGE AND INSTALLING COMPLETION SETUP ON RANDALL MW-1. CHECKED DEPTH TO TOP OF CEMENT AT 29 FT-BGS WITH 9 FT OF SOFT MUCK ABOVE 19 FT WILL CEMENT UP TO SURFACE AFTER INITIAL REMOVAL OF WATER IN WELL AND ADDITION OF AQUA CLEAR
1530 LOWERING BQ RODS (TREMIE PIPE) DOWN TO 400 FT-BGS
1600 AIR LIFTING OUT 400 FT TO SURFACE WATER 168 FT INTO FRAC TANK
1710 LOWERING TREMIE PIPE DOWN TO 766 FT-BGS ON TOP OF MUD

VISITORS ON SITE: BOART LONGYEAR + CORY SEAL, ADAM ENSIGN, RILEY OSTCER
EPA - RANDALL ROSS + STEVEN ACREE
BOART - CAREY MOLDENHAUER

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: SUNNY 62° F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J. WILSON, J. PRINCE

SIGNATURE: James R Wilson

DATE: 8/10/10

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Shaw™ Shaw Environmental, Inc.

Daily Log			
Date	8	10	10
No.			
Sheet 2 of 2			

FIELD ACTIVITY DAILY LOG
CONTINUATION SHEET

PROJECT NAME: EPA PAVILION DRILLING

PROJECT NO. 139703

FIELD ACTIVITY SUBJECT: AIRLIFTING WATER FILLED CASING

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

1740 AIR LIFT OUT FROM 766 FT - 400 FT OF WATER COLUMN INTO FRAC TANK

1800 LOWERED TRIPLE PIPE DOWN TO 766 FT AND AN ADDITIONAL 5 FT INTO MUD. PULLED BACK UP TO 766 FT AND SHUT IN AND CLOSED AND PUT PRESSURE GAUGE ON WELL HEAD

1830 OFF SITE FOR DAY

Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	8	11	10
NO.			
SHEET 1 OF 1			

PROJECT NAME: EPA PAVILLION DRILLING

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: REMOVE MUD FROM [redacted] MW-1 AND FILL WITH AQUA CLEAR

(b)(6) privacy [Landowner nam

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ONSITE ARRIVAL
0800 TAIL GATE SAFETY MEETING
0830 ADAM ENSIGN OFFSITE WITH MUD SYSTEM
0835 OPEN RANDOM MW-1 BRIEF READING OF 1% LEL ON GAS METER
0845 EPA ONSITE (RANDALL RUSS + STEWART ACREE)
0850 OPEN TREMIE PIPE NO READINGS OF 0% LEL
PULLING OUT TREMIE PIPE FROM 766 FT-BGS
0955 OUT OF HOLE WITH TREMIE PIPE DEPTH TO WATER ≈ 260 FT-BGS
FROM LOOKING AT WET TREMIE PIPE - LOWERING METAL BAILER
WATER LEVEL IN DI WATER SHOWS 247.5 FT-BGS TOP OF WATER
1240 8 BAILERS REMOVED 12" OF SILT
1415 4 MORE BAILERS REMOVED 6" MORE SILT
1440 LOWERED TREMIE PIPE DOWN TO BOTTOM OF HOLE AT 760 FT
1550 AIR LIFTING OUT WATER FROM 760 FT TO SURFACE
1630 LOWERED TREMIE PIPE DOWN TO 770 FT
1640 WATER SETTING DOWN TO 785 FT-BGS
1700 PULLED UP TO 777 FT AND PUMPING WATER TO PUSH OUT SILTY WATER
CHECKED LEL FOR FRAC TANK WITH 0% LEL ON GAS METER
1730 MIXED 1.5 GALLONS OF AQUA CLEAR WITH 150 GALLONS WATER AND PUMPED AT 777 FT-BGS WITH FULL COLUMN OF WATER RANDALL MW-1 IN WELL
1800 CLEAN UP SITE
1830 OFFSITE

VISITORS ON SITE: BOART LONGYEAR - CODY SEAL, ADAM ENSIGN, RILEY OSTLER
EPA - RANDALL RUSS + STEWART ACREE

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS:
SUNNY 62° F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J. WILSON, J. PRINCE

SIGNATURE: [signature] DATE: 8/11/10

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Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	8	12	10
NO.			
SHEET 1 OF 2			

PROJECT NAME: EPA PAVILLION DRILLING

PROJECT NO.: 132703

FIELD ACTIVITY SUBJECT: SWAB + AIRLIFT OUT WATER AT [redacted] MW-1

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ARRIVAL ONSITE
0745 TAILGATE SAFETY MEETING
0830 CHECKED WATER LEVEL AT LOCKER MW-1
WTR LEVEL - 557 FT-BGS - WHICH IS 423 FT WTR COLUMN
INSTALLED 2" BALL VALVE ON [redacted] MW-1
AND A 100 PSI GAUGE + MOB TO [redacted] MW-1
0900 PULLING OUT OF HOLE WITH TREMIE PIPE FROM
777 FT-BGS AT [redacted] MW-1
EPA ONSITE (RANDALL ROSS + STEVEN ACREE)
SMALL AMOUNT OF POSSITIVE PRESSURE AND NO LEL READINGS
ON RANDALL MW-1 BEFORE PULLING OUT OF HOLE
1030 OUT OF HOLE WITH TREMIE PIPE - CHECKING DEPTH
TO TOP OF CEMENT BETWEEN OUTER CASING + INNER CASING
1110 TOP OF CEMENT (SOLID) AT 100 FT-BGS AT BOTTOM OF
OUTER 10" CASING
1130 EPA OFFSITE
1140 RAN FOR RENT CONTR TO PICK UP 3 EMPTY FILTER BOXES
AND 5 UNUSED FILTERS IN BOXES - NOTED HOLE + SCRATCH ON BOX BY WYOMING WASTE
1200 PUMPED WATER FROM 100 FT TO SURFACE TO CLEAN OUT MUD ON ANNULUS
SPACE BETWEEN 10" CASING + 4" CASING
1220 CONCRETE TRUCK ONSITE (RIVERTON READY-MIX)
PUMPED IN 1.5 CUYD OF PORTLAND CEMENT
1240 RIVERTON READY-MIX OFF SITE
BOX # 278322 HAD THE HOLE NOT CAUSED BY SHAW ON BOARD
1325 RAN FOR RENT OFF SITE

VISITORS ON SITE: BRANT LONGYEAR - CODY SEAL, RILEY OSTLER
EPA - RANDALL ROSS + STEVEN ACREE

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS:
SUNNY 58° F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J. WILSON, J. PRINCE

SIGNATURE: Jonna Wilson

DATE: 8/12/10

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Shaw Environmental, Inc.

Daily Log				
	Date	8	12	10
	No.			
	Sheet	2 of 2		

FIELD ACTIVITY DAILY LOG
CONTINUATION SHEET

PROJECT NAME: EPA PAVILION DRILLING

PROJECT NO. 139703

FIELD ACTIVITY SUBJECT: SWAB AND AIR LIFT AQUA CLEAR OUT OF [redacted] (b)(6) privacy [Landowner name] MW-1

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

1335 LOWERING SWAB DOWN TO BOTTOM OF [redacted] (b)(6) privacy [Landowner name] MW-1 AT 785 FT-BGS – WATER LEVEL WAS 185 FT-BGS BEFORE SWAB WAS LOWERED DOWN THE WELL SWABBING SCREENED INTERVAL 765 FT TO 785 FT-BGS

1435 SWABBING FINISHED AND OUT OF HOLE

1450 LOWERING TREMIE PIPE DOWN TO 460 FT-BGS

1530 AIR LIFTING OUT WATER WITH AQUA CLEAR FROM 460 FT TO SURFACE

1540 LOWERING TREMIE PIPE DOWN TO 785 FT-BGS TO CHECK FOR ANY RESIDUAL SILT WITH NONE DETECTED

1610 PULLED UP TO 757 FT-BGS AND AIR LIFTING AQUA CLEAR WATER FROM 757 FT-BGS TO SURFACE

1635 TOOK GAS READING AFTER ALL WATER WAS AIR LIFTED WITH – 0% LEL. THE WELL IS CONTINUING TO BLOW WATER WITH FURTHER AIR LIFTING

1715 STOPPED AIR LIFTING AND OPEN WELL TO ATMOSPHERE OVERNIGHT TO GET WATER LEVEL TOMORROW AND START DEVELOPMENT OF [redacted] (b)(6) privacy [Landowner name] MW-1

1730 OFF SITE

Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG				
	DATE	8	13	10
	NO.			
	SHEET 1 OF 1			

PROJECT NAME: EPA PAVILLION DRILLING

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: DEVELOPING [redacted] MW-1

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ARRIVAL ONSITE
0745 TAILGATE SAFETY MEETING
0815 RANDALL MW-1 WATER LEVEL 235 FT-BGS
INITIALLY 3,591 GALLONS IN FRAC TANK 19" FROM BOTTOM
0845 AIR LIFTING OUT GROUNDWATER FROM 757FT TO SURFACE 8FT ABOVE SCREEN
0915 REMOVED 350 GAL WITH 451 NTU + 0% LEL
0920 REMOVED 567 GAL - 22" FROM BOTTOM OF FRAC TANK
1015 REMOVED 1510 GAL - 27" " WITH 240 NTU + 0% LEL
1115 REMOVED 2268 GAL - 31" WITH 98.0 NTU 0% LEL
1215 REMOVED 3213 GAL - 36" WITH 67.5 NTU 0% LEL
1315 REMOVED 4208 GAL - 41" WITH 64.4 NTU 0% LEL
1415 REMOVED 5019 GAL - 45" WITH 63.8 NTU 0% LEL
1425 PULL UP FROM 757FT TO 747 FT TO HELP LOSS STARVING OF GROUNDWATER WITH 18FT ABOVE TOP OF SCREEN
1515 REMOVED 5649 GAL 48" WITH 101 NTU 0% LEL
1615 REMOVED 6489 GAL 52" WITH 75.2 NTU 0% LEL
1715 REMOVED 7369 GAL 56" WITH 70.3 NTU 0% LEL
1730 OFFSITE

VISITORS ON SITE: BOAT LONGYEAR — CODY SEAL, RILEY OSTLER

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: SUNNY 58° F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J. WILSON, J PRINCE

SIGNATURE: James R Wilson

DATE: 8/13/10

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Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	8	14	10
NO.			
SHEET	1 OF	1	

PROJECT NAME: EPA PAVILLION DRILLING

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: MOB TO (b)(6) privacy [Landowner name] [redacted] MW-1 AND WATER JET WELL

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ARRIVAL ONSITE AT (b)(6) privacy [Landowner name] [redacted] MW-1

0730 TAIL GATE SAFETY MEETING

0800 (b)(6) privacy [Landowner name] [redacted] MW-1 WATER LEVEL 243 FT-BGS

10,960 GALLONS OF WATER IN FRAC TANK 56" ABOVE BOTTOM

0810 PULLING TREMIE PIPE OUT OF HOLE AND BREAKING DOWN FOR TRANSPORT TO LOCKER MW-1

0930 OUT OF HOLE WITH TREMIE PIPE

BREAKING DOWN COMPLETION RIG AND LOADING TRAILER WITH TREMIE PIPE AND HOSES

1030 MOBBING BACKHOE + COMPRESSOR OVER TO LOCKER MW-1

FILLING IN WATER PITS AT LOCKER MW-1

1230 UNLOADING EQUIPMENT AT LOCKER MW-1

MOBBING COMPLETION RIG TO LOCKER MW-1

1315 CHECKED LOCKER MW-1 WITH GAS METER WITH PEGGING THE LEL METER WITH 76% LEL AFTER 30 SECONDS OF OPENING THE WELL

1330 GAS METER READING 30% LEL

1345 READING 30% LEL

1400 READING 35% LEL

1415 READING 31% LEL

1430 READING 30% LEL

1445 READING 40% LEL

1500 — READING 43% LEL 1515 — READING 44% LEL

1530 — READING 20%

1540 OFF-SITE

VISITORS ON SITE: BOART LONGYEAR — CODY SEAL, RILEY OSTLER

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: SUNNY 56° F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J. WILSON, J PRINCE

SIGNATURE: Jason A Wilson

DATE: 8/14/10

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Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	8	16	10
NO.			
SHEET 1 OF 1			

PROJECT NAME: EPA PAVILLION DRILLING

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: BOART TO LOAD AND CLEAN EQUIPMENT

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ARRIVAL ON SITE AT LOCKER MW-1
CHECK GAS METER AT LOCKER MW-1 WITH
READING 35 % LEL FID 3,297
0745 TAILGATE SAFETY MEETING
0800 CHECK GAS METER READING 17 % LEL
FID 3,260
0845 BOART MOBILIZED TO [redacted] WITH BACKHOE
TO DISTRIBUTE CONTAINING 3 REMAINING FILTER
BOXES SINCE WYOMING WASTE PICKED UP 1ST FILTER BOX
JIM MORBITO TO RIVERTON TO GET EMAILED PROCEDURE FOR
INTRODUCING NITROGEN INTO MONITORING WELLS
0930 WYOMING WASTE PICKED UP 2ND FILTER BOX
BOART CREW LOADING UP SITE MATERIALS FOR TRANSPORT
AT RANDALL MW-1
1130 BOART RETURNING THE AIR COMPRESSOR TO
WYOMING RENTS IN RIVERTON AND HOSED WATER
TRUCK FROM LOCKER MW-1 TO RANDALL MW-1
1230 BOART DECONNING EQUIPMENT ON TRAILERS
1530 WYOMING WASTE BROUGHT BACK THE SECOND FILTER
BOX DUE TO WATER LEAKING OUT - OPENED UP THE LAST
TWO FILTER BOXES AND ONE LEAKED AND ONE WAS DRY
1600 WYOMING WASTE TOOK THE DRY FILTER BOX TO THE LANDFILL
WILL LET LAST TWO DRY OUT THROUGH THE WEEKEND
1700 OFFSITE

VISITORS ON SITE: BOART LONGYEAR - CODY SEAL, RILEY OSTLER

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: CLOUDY 60°F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J WILSON, J PRINCE

SIGNATURE: Jason Wilson

DATE: 8/16/10

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	8	18	10
NO.			
SHEET 1 OF			

PROJECT NAME: EPA PAVILLION DRILLING PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: METHANE PURGING FROM LUCKER MW-1 ~~[illegible]~~

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 ARRIVAL ONSITE
0730 CHECK GAS METER ON [redacted] (b)(6) privacy [Landowner name] MW-1
READING 17% LEL FID 3352 PPM
0745 TAILGATE SAFETY MEETING
0800 HOOKING UP NITROGEN ASSEMBLY
0830 MISSING PART OF ASSEMBLY - MOB TO RANDALL MW-1
TO CHECK OUT BOARTS CLEAN UP EFFORT
0920 BOART OFFSITE FROM RANDALL MW-1 TO PICK UP
PARTS AND WEIGH ONE OF THEIR TRAILERS FOR DEMOB
1015 READING 17% LEL ON LUCKER MW-1
1145 BOART HOOKING UP NITROGEN ASSEMBLY ON LUCKER MW-1
1240 READING 0% LEL AROUND SEAL - INTRODUCING
NITROGEN TO 50 PSI
1250 BUBBLING UP BETWEEN 10" + 4" AT 20 PSI IN WELL
TIGHTENING 4" CASING WITH PIPE WRENCH 0% LEL
FROM BUBBLES
1315 WELL PRESSURE AT 50 PSI - WAIT 30 MINUTES
USED 1500 PSI OF NITROGEN GAS TO REACH 50 PSI IN WELL
1345 RELEASING PRESSURE WHILE MONITORING LEL
INITIALLY OUTRANGING THE LEL > 99% LEL
1415 READINGS AT 40% LEL
1440 READINGS AT 50% LEL
1500 READINGS PEAKING AT 60% LEL
1530 CLOSE OFF LUCKER MW-1
1540 OFFSITE

VISITORS ON SITE: BOART LONG YEAR - CODY SEAL, RILEY OSTLER, RON ERLER

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: CLOUDY 65°F

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE: J. WILSON, J PRINCE

SIGNATURE: James A Wilson DATE: 8/18/10

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG				
	DATE	08	20	10
	NO.			
	SHEET	OF		

PROJECT NAME: DEEP WELL DRILLING, PAVILLION, WY | PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: Deconning

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0900 - DROVE TO SITE; GATHERED SUPPLIES
1000 - BEGAN WORK W/ MORNING SAFETY MTG
1015 - STARTING PRESSURE WASH (DECON) OF DRILL RIG
1430 - COMPLETED DECON OF DRILL RIG;

VISITORS ON SITE:

N/A

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

N/A

WEATHER CONDITIONS:

Clear, Windy

IMPORTANT TELEPHONE CALLS:

N/A

SHAW PERSONNEL ON SITE: J. PRINCE

SIGNATURE: Jerry Prince DATE: 8.20.2010

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG				
	DATE	08	21	10
	NO.			
	SHEET	OF		

PROJECT NAME: DEEP WELL DRILLING/PAVILLION

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT:

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0900 - START OF SHIFT W/ SAFETY MTG
0930 - SORTING & DECON OF PIPING STARTED
12.30 - BEGAN RE-LOADING OF TRAILER TO PREP FOR DE MOB
1100 - DID FURTHER PREP/DE MOB WORK
1410 - CALLED PM J Tybarski WITH UPDATE
1515 - OPENED RANDALL WELL; LEL OF 1, HIGH VOC READING W/ PID, REDUCED OXYGEN READING THAT LEVELED OUT

* STILL NEED EXTRA COUPLERS, PVC, CONTROL PANEL

VISITORS ON SITE: N/A

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: N/A

WEATHER CONDITIONS: Sunny, Hot

IMPORTANT TELEPHONE CALLS: CALL TO PM

SHAW PERSONNEL ON SITE: J. Prince

SIGNATURE: Jerry Prince

DATE: 8/21/2010

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG	DATE	08	23	10
	NO.			
	SHEET	OF		

PROJECT NAME: DEEP WELL DRILLING, PAVILLION, WY

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT:

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0900 - MOB TO SITE, GATHER SUPPLIES, SAFETY MTG.
1000 - BEGAN THREADING FOR PUMP COLUMN (HAVE ENOUGH PIPING TO COMPLETE ONE WELL)
1045 - CALLED JIM WITH ANCHOR TO HAVE HIM CONTACT WYOMING WASTE TO HAUL OFF REMAINING FILTER BOXES.
1230 - RECEIVED CALL FROM WYOMING RENTS THAT PVC TUBING/CONTROL BOX, WERE DELIVERED
1545 - TOWERED UP CRANE TO PREP FOR PUMP INSTALLATION TOMORROW

* COUPLERS ARRIVED, 4 IN WELL LID COMING PM
* PVC CONTROL PANEL ARRIVED IN AFTERNOON

VISITORS ON SITE:

N/A

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

N/A

WEATHER CONDITIONS:

CLEAR, 70's, WINDY

IMPORTANT TELEPHONE CALLS:

TALKED TO PM

SHAW PERSONNEL ON SITE: J. Prince

SIGNATURE: Jerry Prince

DATE: 8/23/2010

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG				
	DATE	08	24	10
	NO.			
	SHEET 1 OF 1			

PROJECT NAME: DEEP WELL DRILLING

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: PURGING, INSTALLATION OF PUMP

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 - START OF SHIFT, SAFETY MTG
0800 - REALIZED CONTROL PANEL ORDERED IS INCORRECT; BOART CALLED TO CORRECT PROBLEM
0830 - WORK BEGAN ON ASSEMBLY OF PUMP
0845 - CALLED PM TO UPDATE ON CONTROL PANEL ISSUE
0900 - OPENED [redacted] (b)(6) privacy (L) landowner name WELL VALVE AFTER APPROX A WEEK; INITIAL LEL READING 100%/OUT-RANGED METER
0915 - TOOK ADD'L LEL READING; PEAKED AT 45, LEVELED B/W 30-40% LEL
0930 - LEL READING: OUT-RANGED; PEAK 83%
BEGAN 1st PURGE OF DAY
1030 - COMPLETED FIRST PURGE / INITIAL LEL PEAK 39%
1045 - LEL @ END PEAK 28%; 4IN in VALVE OUT RANGE / 91%
1100 - STARTED 2nd PURGE
1200 - LEL READING AFTER 2nd PURGE; OUT-RANGED x2 AT INSIDE/PEAK @ 65% AT END
1220 - STARTED 3rd PURGE, LEL LEVELS STILL TOO HIGH (OUT-RANGE)
1345 - STARTED 4th PURGE
1445-1500 - TOOK LEL READINGS. INITIALLY OUT-RANGED, THEN SETTLED DOWN BUT STILL HAD PEAKS OF 40-70%. DECIDED DISCONTINUE PURGING UNTIL FURTHER GUIDANCE
1515 - SPOKE W/ PM, CALLED WORK FOR THE DAY PENDING FURTHER INSTRUCTION

VISITORS ON SITE:
N/A

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
CONTROL PANEL ORDERED INCORRECT

WEATHER CONDITIONS:
Warm, Slight Breeze, Clear

IMPORTANT TELEPHONE CALLS:
J. Tyburski
S. Hiatt

SHAW PERSONNEL ON SITE: J. Prince

SIGNATURE: Jerry Prince

DATE: 8/25/2010

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG				
	DATE	08	25	10
	NO.			
	SHEET 1 OF 2			

PROJECT NAME: DEEP WELL DRILLING, RAVILLION, WY | PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT: INSTALLATION OF COLUMN, SOUNDING TUBE, & PUMP

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0800 - BEGAN SHIFT W/ SAFETY MTG; CALL TO PM; ANCHOR
0830 - BEGAN PREPARING TO MOBILIZE FROM LOCKER TO RANDALL
0840 - CALLED WYOMING WASTE TO TRACK DOWN TRUCK HAULING FILTER BOXES
0900 CALIBRATED (STANDARD CHECKED) TURBIDIDIMETER
0915 - CALIBRATED LEL/PID
0930 - 1015 - MOBBED TO RANDALL
1040 - OPENED RANDALL, ~~FIR~~ PEAKED @ 70% LEL BUT WENT DOWN
1100 - ~~FIR~~ PEAKED @ 27% LEL, WENT DOWN, LETTING VENT
1120 - ~~FIR~~ PEAKED @ 15% LEL, SETTLED @ 8%, LETTING VENT
1200 - ~~FIR~~ PEAKED @ 12% LEL, SETTLED @ < 10%, CLEARED
WORK WITH LEL READINGS EVERY 20 MIN (SEE ATTACHED)
- BEGAN INSTALLATION OF THE PUMP & COLUMN
1500 - TOOK ANALYTICAL SAMPLE FROM RANDALL FRAC TANK

VISITORS ON SITE:
STOP POTS TO CLEAN PORTA

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
MOBBING TO RANDALL TO COMPLETE WELL

WEATHER CONDITIONS:
Sunny, Warm, Breezy

IMPORTANT TELEPHONE CALLS:
J. TYBURSKI S. HIATT
ANCHOR
WYOMING RENTS

SHAW PERSONNEL ON SITE: J. PRINCE

SIGNATURE: Jenny Prince DATE: 8/25/2010

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Shaw Environmental, Inc.

Daily Log				
	Date	08	25	20	10
	No.				
	Sheet 2 of 2				

FIELD ACTIVITY DAILY LOG
CONTINUATION SHEET

PROJECT NAME: DEEP WELL DRILLING, PAVILLION, WY

PROJECT NO. 139703

FIELD ACTIVITY SUBJECT:

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

LEL READINGS

1220 : 3% LEL (PUMP BLOCKING MOST OF OPENING)
1240 : 12% LEL
1300 : 0% LEL
1320 : 0% LEL
1340 : 0% LEL
1400 : 0% LEL
1420 : 0% LEL
1440 : 0% LEL
1500 : 0% LEL
1520 : 0% LEL
1540 : 0% LEL
1600 : 0% LEL

Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	08	26	10
NO.			
SHEET	OF		

PROJECT NAME: DEEP WELL DRILLING, PAVILLION

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT:

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 - START OF SHIFT & SAFETY MTG
0800 - BEGIN ASSEMBLY OF CONTROL PANEL & PUMP
0900 - CONFERENCE CALL
1000 - TURBIDITY READING 21.4 NTU
1100 - TURBIDITY READING 42.6 NTU, BEGIN CHARGING WELL 156 GAL REMOVED
1020 EPA (DUNN) CALLED & INFORMED THAT ENCANA WAS INFORMED THAT THE LOCKER WELL WAS LEAKING; WENT OVER TO INVESTIGATE / LEL: 0% O_2: 20.8% CO: 0ppm H_2S: 0ppm FID: 3.7 ppm peak (background)
1200 - TURBIDITY READING @ 52.8 NTU
1300 TURBIDITY 22.1 NTU
1430 - TURBIDITY 44.2 NTU
1515 - TURBIDITY 13.3
1530 - TURBIDITY 14.9
1545 - TURBIDITY 6.71
1605 - STOPPED PUMPING

VISITORS ON SITE:
Mr John Fenton

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
DECIDED TO PUSH WATER DOWN LOCKER WELL TO REDUCE LEL

WEATHER CONDITIONS:
Hot, Sunny, Breezy

IMPORTANT TELEPHONE CALLS:
J. TYBURSKI
CONFERENCE CALL
EPA

SHAW PERSONNEL ON SITE: J. PRINCE

SIGNATURE: Jerry Prince

DATE: 8.26.2010

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	08	27	10
NO.			
SHEET 1 OF 1			

PROJECT NAME: DEEP WELL DRILLING PAVILLION

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT:

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0800: START OF SHIFT W/ SAFETY MTG
0815: CALL TO WYOMING WASTE
0815: BEGAN LOADING TO MOB TO LOCKER
1000: BEGAN DEMOB FROM RANDALL
1130: BOART WENT TO TOWN TO PICK UP SOME CAST PARTS
1400: WENT TO TOWN TO PICK UP LOCKS FOR THE CASINGS
1600: BEGAN POURING CONCRETE @ LOCKER
1630: POURED CONCRETE @ RANDALL
1630: CALLED ANCHOR TO INFORM THAT FILTER BOXES WERE NOT PICKED UP
1700: CLOSED UP CASING @ LOCKER; SECURED SITE & MACHINERY

VISITORS ON SITE:

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

N/A

WEATHER CONDITIONS:

Overcast, Hot, Rain @ 1700

IMPORTANT TELEPHONE CALLS:

J TYBURSKI
ANCHOR

SHAW PERSONNEL ON SITE: J PRINCE

SIGNATURE: Jerry Prince

DATE: 8/27/2010

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG			
DATE	9	8	10
NO.			
SHEET	OF		

PROJECT NAME: DEEP WELL DRILLING, PAVILLION, WY

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT:

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0800 - MET FOR SAFETY MTG & PLAN FOR FIELD WORK
0830 - CALLED WYOMING WASTE, QUOTED FILTER BOX @
RANDALL PICKED UP TODAY/TOMORROW
0900 - RETURNED TO RIVERTON TO PICK UP SUPPLIES ETC...
1400 - BEGAN WORK ON SITE
1430 - ISSUED HOT WORK PERMIT TO CUT CASING TO SIZE
1500 - ASSEBLED COLUMN TO COUPLERS
1720 - INCIDENT W/ COMPLETION RIG, STILL ~~OPERABLE~~ OPERABLE
1800 - COMPLETED WORK FOR DAY

VISITORS ON SITE:

N/A

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

N/A

WEATHER CONDITIONS:

WARM, BREEZY

IMPORTANT TELEPHONE CALLS:

WYOMING WASTE
RAIN FOR RENT
J. TYBURSKI

SHAW PERSONNEL ON SITE: J. PRINCE

SIGNATURE: Jenny Prince

DATE: 9/8/2010

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG				
	DATE	9	9	10
	NO.			
	SHEET	OF		

PROJECT NAME: DEEP WELL DRILLING, PAVILLION, WY

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT:

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0700 - STARTED SHIFT W/ SAFETY MTG, RAIN
0850 - 0920 - LIGHTNING STANDDOWN
1000 - TOWERED UP RIG & PREPPED FOR WATER 'PURGE'
1105 - OPENED WELL, OUT-RANGED LEL METER
1115 - BEGAN FILLING W/ WATER
1135 - GOT A 0% LEL & COMMENCED W/ INSTALLATION OF THE COLUMN & PUMP
1240 - PUMP INSTALLED, COLUMN BEGUN

VISITORS ON SITE:
N/A

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
N/A

WEATHER CONDITIONS:
WINDY

IMPORTANT TELEPHONE CALLS:
J. TYBURSKI

SHAW PERSONNEL ON SITE: J. Prince

SIGNATURE: Jerry Prince

DATE: 9/9/2010

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG	DATE	9	10	10
	NO.			
	SHEET	OF		

PROJECT NAME: DEEP WELL DRILLING

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT:

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

(b)(6) privacy [Landowner name]

0830 - START OF SHIFT; CHECK [redacted] SITE; FILTER BOX STILL THERE (AFTER TWO WEEKS)

0900 - CALL TO WYOMING WASTE.

0930 - ANCHOR INFORMED THAT FRAC TANK WAS EMPTY; CALL TO RAIN FOR RENT TO INFORM

1030 - WELL LEVEL IS @ 14 FT BGS (FRAC TANK HAS 945 GALLONS PREVIOUS TO PUMPING)

1200 - BEGAN PUMPING WELL

1505 - PUMPED WELL DRY; FINAL NTW 82.1, UP FROM 10.8

VISITORS ON SITE:
ANCHOR

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
ADDITION OF COLUMN TO PUMP IN SCREEN

WEATHER CONDITIONS:

IMPORTANT TELEPHONE CALLS:
J. TYBURSKI
WYOMING WASTE
RAIN FOR RENT

SHAW PERSONNEL ON SITE: J PRINCE

SIGNATURE: Jerry Prince

DATE: 9/10/2010

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Shaw Shaw Environmental, Inc.

FIELD ACTIVITY DAILY LOG

DAILY LOG	DATE	9	11	10
	NO.			
	SHEET / OF			

PROJECT NAME: EPA DEEP WELL DRILLING

PROJECT NO.: 139703

FIELD ACTIVITY SUBJECT:

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0800 - START OF SHIFT W/ SAFETY MTG
0840 - BEGAN ADDITION OF 15 FT PIECE TO LOWER PUMP INTO SCREEN
0930 - BEGAN PUMPING
1025 - END OF PUMPING
1100 - WENT TO RANDALL SITE TO PERFORM DIRT WORK
1600 - COMPLETED WORK @ RANDALL, CLEARED SITE
1620 - PUMPED 200 GALLONS POTABLE WATER INTO LOCKER WELL
1720 - FINISHED PUMPING OUT WATER TO SURGE WELL

VISITORS ON SITE:
N/A

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
ADDED WATER TO LOCKER WELL, SET PUMP FOR COMPLETION

WEATHER CONDITIONS:
Breezy, 72°

IMPORTANT TELEPHONE CALLS:

SHAW PERSONNEL ON SITE:

SIGNATURE:

DATE: 9/11/2010

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