1R-426-281

WORKPLANS

Date:
3-16-12

Rice Environmental Consulting & Safety
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

CERTIFIED MAIL
RETURN RECEIPT NO. 7011 2000 0002 0285 5070

March 16th, 2012

Mr. Edward Hansen
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

RE: **Further Investigation Report and Corrective Action Plan (CAP) for Soils**
Rice Operating Company – BD SWD System
BD G-23 EOL (1R426-281): UL/G sec. 23 T22S R37E
(formerly BD B-23 EOL)

Mr. Hansen:

RICE Operating Company (ROC) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site in the BD Salt Water Disposal (SWD) system. The site was previously referred to as the BD B-23 EOL. However, GIS mapping shows the site to be located within unit letter G. To reflect the geographical location of the site, the name has been changed to the BD G-23 EOL. All correspondences will reference BD G-23 EOL.

ROC is the service provider (agent) for the BD SWD System and has no ownership of any portion of the pipeline, well, or facility. The system is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

Background and Previous Work

The site is located approximately 4 miles southeast of Eunice, New Mexico at UL/G sec. 23 T22S R37E as shown on the Site Location Map (Figure 1). Groundwater at this site is located at a depth of approximately 59 +/- feet.

In 2010, ROC initiated work on the former BD G-23 EOL junction box. The former junction box was located on an active battery pad and contained a boot. The site was delineated using a backhoe to form a 25 ft x 10 ft x 12 ft deep excavation and soil samples were screened at regular intervals for both hydrocarbons and chlorides. From the excavation, the four-wall composite, the bottom composite and the backfill were taken to a commercial laboratory for analysis. Laboratory tests of the four-wall composite

showed a chloride reading of 3,320 mg/kg, and gasoline range organics (GRO) and diesel range organics (DRO) readings of non-detect. The bottom composite showed a chloride laboratory reading of 9,520 mg/kg and GRO and DRO readings of non-detect. The soil was blended on site and a sample taken to a commercial laboratory for analysis. Laboratory analysis of the blended backfill showed a chloride reading of 4,560 mg/kg and GRO and DRO readings of non-detect. The blended backfill was returned to the excavation to 5 ft below ground surface (bgs). At 5-4 ft bgs, a 1 foot clay layer was installed and a clay compaction test was performed on March 1st, 2010. The remaining backfill was exported to a NMOCD approved facility for disposal and the excavation was backfilled with clean, imported soil to ground surface.

The area was contoured to the surrounding landscape, seeded, and an identification plate was placed on the surface of the site to mark its location for future environmental considerations. NMOCD was notified of potential groundwater impact on August 4th, 2010, and a junction box disclosure report was submitted to NMOCD with all the 2010 junction box closures and disclosures.

Initial ICP Investigative Results and Recommendations

As part of the Investigation and Characterization Plan approved by NMOCD on May 19th, 2011, six soil bores (SB-1 through SB-6) were advanced through the former junction box site on May 23rd, 2011 and June 6th, 2011. RECS personnel field tested the soil for chlorides and screened in the field with a photo-ionization detector (PID). Representative samples from the bores were taken to a commercial laboratory for confirmation of chloride and hydrocarbon field numbers. All the soil bores had laboratory chloride values that decreased with depth. SB-1 had chloride results that decreased from 8,200 mg/kg at 15 ft bgs to 160 mg/kg at 55 ft bgs; SB-2 had values of 1,420 mg/kg at 20 ft bgs, 112 mg/kg at 30 ft bgs and 304 mg/kg at 40 ft bgs; SB-3 had values of 5,300 mg/kg at the surface, 1,760 mg/kg at 5 ft bgs and 336 mg/kg at 55 ft bgs; SB-4 has values of 12,800 mg/kg at 15 ft bgs and 4,000 mg/kg at 55 ft bgs; SB-5 had values of 10,200 mg/kg at 20 ft bgs and 544 mg/kg at 50 ft bgs; and SB-6 had values of 2,560 mg/kg at 15 ft bgs and 192 mg/kg at 30 ft bgs. GRO readings were non-detect in all soil bores. DRO readings were also non-detect at all depths in all soil bores except for SB-2 at 30 ft bgs where the DRO reading was 26.9 mg/kg. This sample was analyzed for BTEX and returned results of 0.113 mg/kg for benzene, 0.132 mg/kg for toluene, 0.119 mg/kg for ethyl-benzene and 0.499 mg/kg for xylene.

Based on the initial delineation results, RECS submitted an ICP Report with the following recommendation to NMOCD on July 15th, 2011 which was approved on September 20th, 2011: ROC would delineate groundwater quality surrounding the former junction box through the installation of a near source monitoring well.

On January 31st, 2012, RECS personnel were on site to install a near-source monitor well (MW-1) (Figure 2). Samples were only taken for lithology as the well was being advanced (Appendix B). The well was then sampled on February 20th, 2012 and returned a chloride value of 860 mg/L, a TDS value of 1,970 mg/L and a BTEX value of

non-detect (Appendix C). ROC will continue sampling the monitor well quarterly to determine groundwater quality at the site. Additional monitoring wells may be required to fully delineate groundwater quality at this site.

Corrective Action Plan for Soils

ROC proposes to excavate the site to dimensions of 36 ft x 29 ft and properly seat a 20-mil, reinforced poly liner at approximately 4 ft bgs. The liner will cover the existing clay layer at 5-4 ft bgs measuring 10 ft x 25 ft. The soils placed above the liner will have a laboratory chloride reading no greater than 500 mg/kg and a field PID measurement below 100 ppm. Excavated soil will be evaluated for use as backfill and any soils requiring disposal will be properly disposed of at a NMOCD approved facility. The excavation will be capped with caliche since the site is located on an active battery lease pad (Appendix A) and seeding of the site will not be necessary.

After the corrective actions to the soils are completed and the monitor well has been sampled sufficiently to determine groundwater quality, ROC will submit a report detailing the soils remediation and a path forward to address groundwater quality.

RECS appreciates the opportunity to work with you on this project. Please call Hack Conder at (575) 393-9174 or me if you have any questions or wish to discuss the site.

Sincerely,

Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

Attachments:

- Figure 1 – Site Map
- Figure 2 – Soil Bore and MW Installation and Proposed Liner
- Appendix A – Site Photo
- Appendix B – Soil Bore and Monitor Well Installation Logs
- Appendix C – Monitor Well Sampling Lab

Figures

RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

Site Map

RICE ENVIRONMENTAL RECS CONSULTING & SAFETY, LLC

BD G-23 EOL

LEGALS: UL/G sec. 23
T22S R37E

NMOCD Case # : 1R426-281

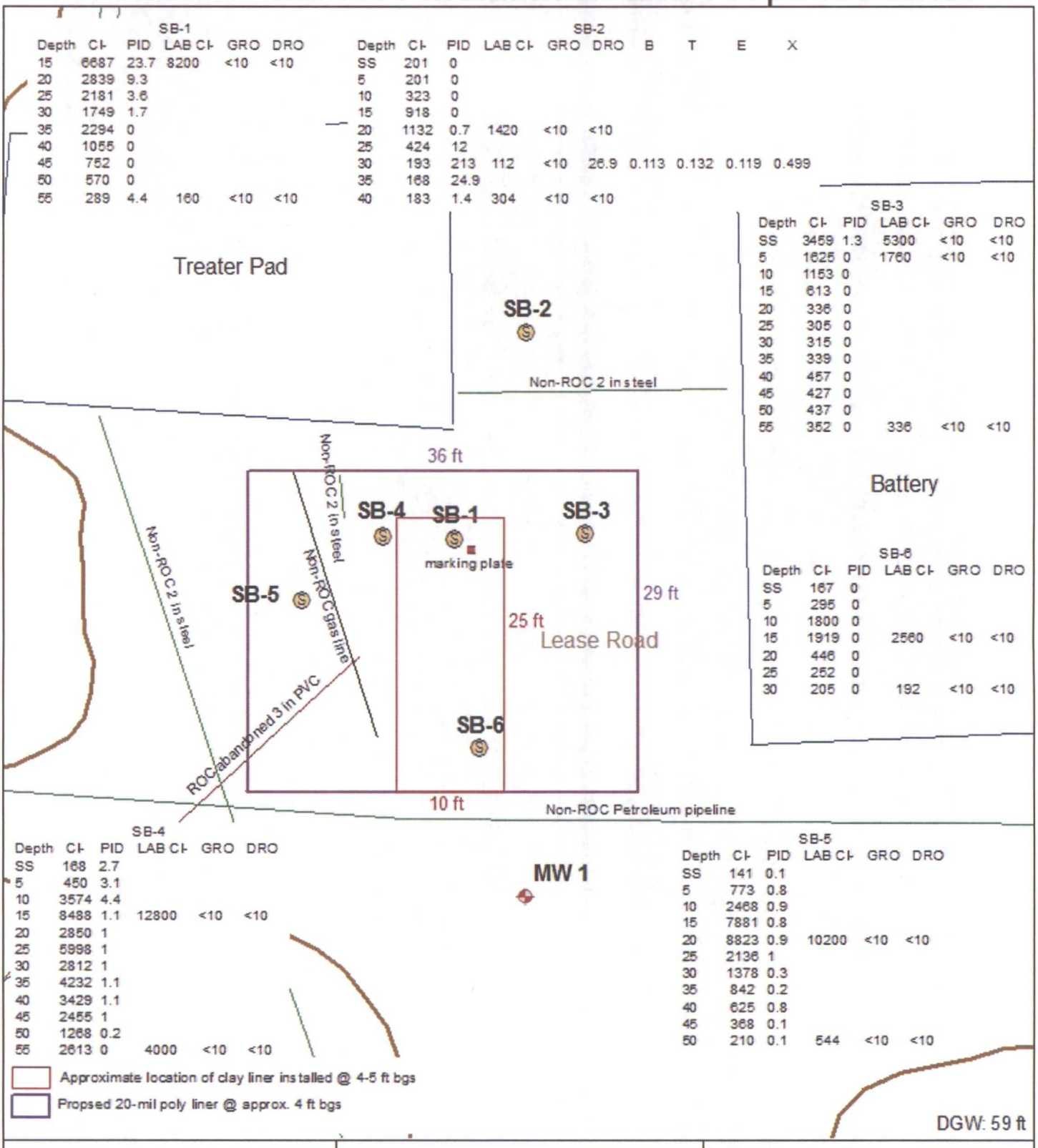
Figure 1

N
W E
S

0 0.5 1 Miles

Drawing date: 5.2.11
Drafted by: L. Weinheimer

Soil Bore and MW Installation and Proposed Liner



SB-1

Depth	Cl-	PID	LAB Cl-	GRO	DRO
15	6687	23.7	8200	<10	<10
20	2839	9.3			
25	2181	3.6			
30	1749	1.7			
35	2294	0			
40	1055	0			
45	752	0			
50	570	0			
55	289	4.4	160	<10	<10

SB-2

Depth	Cl-	PID	LAB Cl-	GRO	DRO	B	T	E	X
SS	201	0							
5	201	0							
10	323	0							
15	918	0							
20	1132	0.7	1420	<10	<10				
25	424	12							
30	193	213	112	<10	26.9	0.113	0.132	0.119	0.499
35	168	24.9							
40	183	1.4	304	<10	<10				

SB-3

Depth	Cl-	PID	LAB Cl-	GRO	DRO
SS	3459	1.3	5300	<10	<10
5	1625	0	1760	<10	<10
10	1153	0			
15	613	0			
20	336	0			
25	305	0			
30	315	0			
35	339	0			
40	457	0			
45	427	0			
50	437	0			
55	352	0	336	<10	<10

SB-6

Depth	Cl-	PID	LAB Cl-	GRO	DRO
SS	167	0			
5	295	0			
10	1800	0			
15	1919	0	2560	<10	<10
20	446	0			
25	252	0			
30	205	0	192	<10	<10

SB-4

Depth	Cl-	PID	LAB Cl-	GRO	DRO
SS	168	2.7			
5	450	3.1			
10	3574	4.4			
15	8488	1.1	12800	<10	<10
20	2850	1			
25	5998	1			
30	2812	1			
35	4232	1.1			
40	3429	1.1			
45	2455	1			
50	1268	0.2			
55	2613	0	4000	<10	<10

SB-5

Depth	Cl-	PID	LAB Cl-	GRO	DRO
SS	141	0.1			
5	773	0.8			
10	2468	0.9			
15	7881	0.8			
20	8823	0.9	10200	<10	<10
25	2136	1			
30	1378	0.3			
35	842	0.2			
40	625	0.8			
45	368	0.1			
50	210	0.1	544	<10	<10

Approximate location of clay liner installed @ 4-5 ft bgs

Propsed 20-mil poly liner @ approx. 4 ft bgs

RICE ENVIRONMENTAL CONSULTING & SAFETY, LLC

RECS

BD G-23 EOL

NMOCD Case # : 1R426-281

LEGALS: UL/G sec. 23
T22S R37E

Figure 2

N W E S

0 5 10 20 Feet

Drawing date: 2/15/12
Drafted by: L. Weinheimer

Appendix A

Site Photo

RICE Environmental Consulting and Safety (RECS)
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BD G-23 EOL (1R426-281)

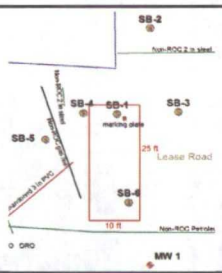
UL/G, Sec 23, T-22S, R-37E

BD G-23 EOL in relation to the surrounding facility, facing northwest 1/6/2012

Appendix B

Soil Bore and Monitor Well Installation Logs

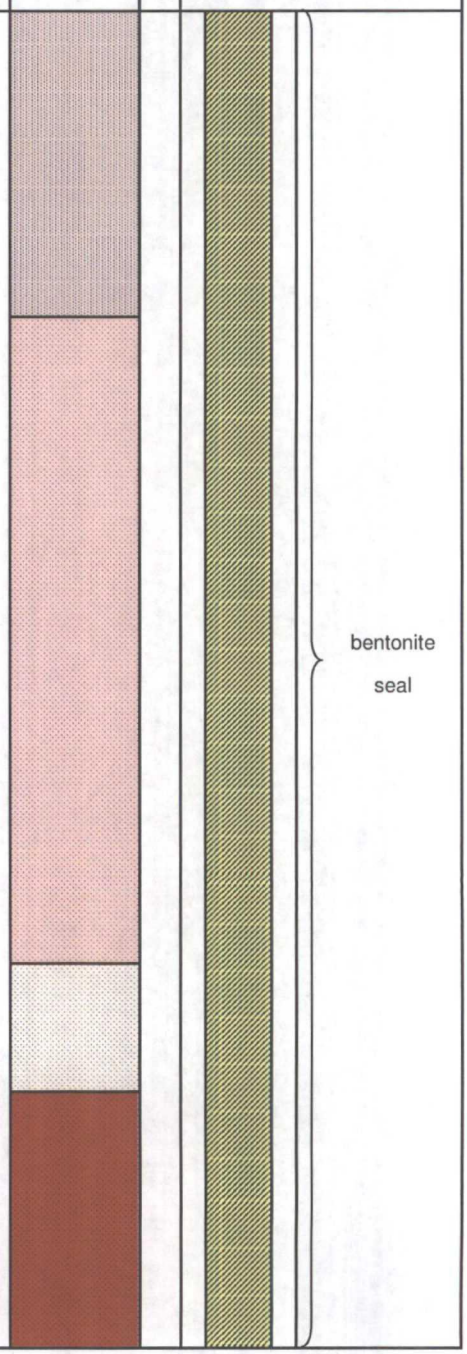
RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

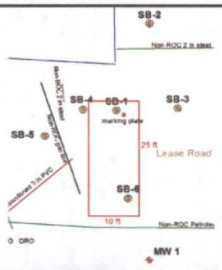
Logger:	Jordan Woodfin		RICE ENVIRONMENTAL RECS CONSULTING & SAFETY, LLC
Driller:	Harrison & Cooper, Inc.		
Drilling Method:	Air rotary		**Project Name:** BD G-23 EOL **Well ID:** SB-1
Start Date:	5/23/2011		
End Date:	5/23/2011		**Project Consultant:** RECS

Comments: Located 1 ft northwest of the former junction box site. All samples were from cuttings.
DRAFTED BY: L. Weinheimer
TD = 55 ft GW = 59 ft

Location: UL/G sec. 23 T22S R37E
Lat: 32°22'51.532"N **Long:** 103°7'47.412"W **County**: Lea **State**: NM

Depth (feet)	chloride field tests	LAB	PID	Description
				Tan very fine silt with some sand and caliche
15 ft	6687	Cl- 8200	23.7	
		GRO <10		
		DRO <10		
20 ft	2839		9.3	
				Red to tan very fine silty sand
25 ft	2181		3.6	
30 ft	1749		1.7	
35 ft	2294		0	
40 ft	1055		0	
45 ft	752		0	
				Tan to white very fine silty sand
50 ft	570		0	
				Red very fine sand
55 ft	289	Cl- 160	4.4	
		GRO <10		
		DRO <10		



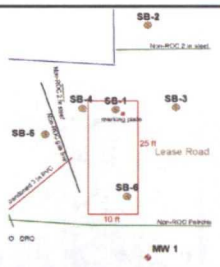
Logger:	Jordan Woodfin		**Project Name:** BD G-23 EOL **Well ID:** SB-2
Driller:	Harrison & Cooper, Inc.		**Project Consultant:** RECS
Drilling Method:	Air rotary		**Location:** UL/B sec. 23 T22S R37E
Start Date:	5/23/2011		**Lat:** 32°22'51.719"N **County**: Lea
End Date:	5/23/2011		**Long:** 103°7'47.336"W **State**: NM

Comments: Located 20 ft north-north-west of the former junction box site. All samples were from cuttings.

DRAFTED BY: L. Weinheimer

TD = 40 ft GW = 59 ft

Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction
				White very fine silty sand with caliche		
SS	201		0			
				Tan very fine silty sand		
5 ft	201		0			
10 ft	323		0			
15 ft	918		0			
20 ft	1132	Cl- 1420	0.7			bentonite seal
		GRO <10		Red fine silty sand		
		DRO <10				
25 ft	424		12			
30 ft	193	Cl- 112	213			
B 0.113	T 0.132	GRO <10		Tan to red very fine silty sand		
E 0.119	X 0.499	DRO 26.9				
35 ft	168		24.9			
40 ft	183	Cl- 304	1.4	Tan well consolidated fine sand with caliche		
		GRO <10				
		DRO <10				

Logger:	Jordan Woodfin		RICE ENVIRONMENTAL RECS CONSULTING & SAFETY, LLC
Driller:	Harrison & Cooper, Inc.		**Project Name:** BD G-23 EOL **Well ID:** SB-3
Drilling Method:	Air rotary		**Project Consultant:** RECS
Start Date:	5/23/2011		
End Date:	5/23/2011		

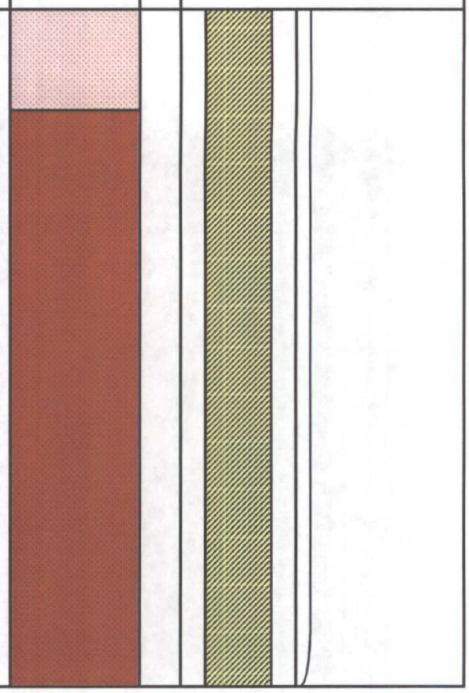
Comments: Located 10 ft east of the former junction box site. All samples were from cuttings.
DRAFTED BY: L. Weinheimer

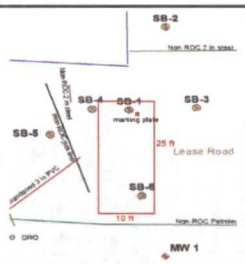
TD = 55 ft GW = 59 ft

Location: UL/G sec. 23 T22S R37E

Lat: 32°22'51.535"N **County**: Lea
Long: 103°7'47.271"W **State**: NM

Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction
SS	3459	Cl- 5300	1.3			
		GRO <10				
		DRO <10				
5 ft	1625	Cl- 1760	0			
		GRO <10		Tan very fine silty sand with caliche		
		DRO <10				
10 ft	1153		0			
15 ft	613		0			
20 ft	336		0			
25 ft	305		0			bentonite seal
				Tan to red very fine silty sand		
30 ft	315		0			
35 ft	339		0			

Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction
						
40 ft	457		0			
				Red very fine sand		
45 ft	427		0			
50 ft	437		0			
55 ft	352	Cl- 336	0			
		GRO <10				
		DRO <10				

Logger:	Jordan Woodfin		RICE ENVIRONMENTAL CONSULTING & SAFETY, LLC — RECS
Driller:	Harrison & Cooper, Inc.		**Project Name:** BD G-23 EOL **Well ID:** SB-4
Drilling Method:	Air rotary		**Project Consultant:** RECS
Start Date:	6/6/2011		
End Date:	6/6/2011		

Comments: Located 8 ft west of the former junction box site. All samples were from cuttings.

DRAFTED BY: L. Weinheimer

TD = 55 ft GW = 59 ft

Location: UL/G sec. 23 T22S R37E

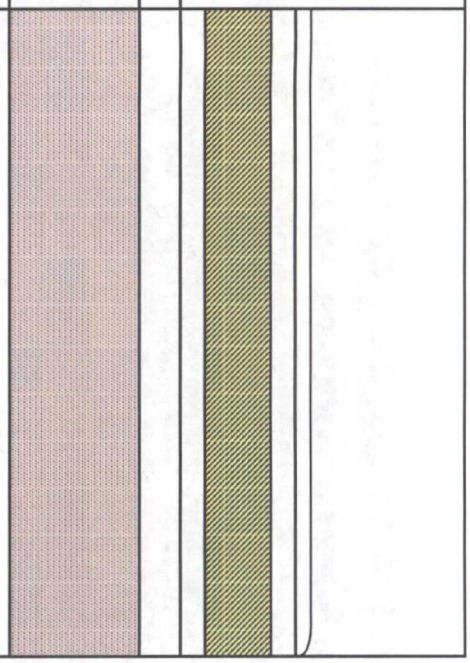
Lat: 32°22'51.535"N **County**: Lea

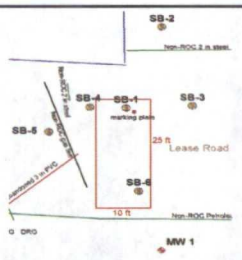
Long: 103°7'47.492"W **State**: NM

Depth (feet)	chloride field tests	LAB	PID	Description
				Brown very fine sand with caliche
SS	168		2.7	
				Tan very fine silty sand
5 ft	450		3.1	
10 ft	3574		4.4	
15 ft	8488	Cl- 12,800	1.1	
		GRO <10		Brown medium sand
		DRO <10		
20 ft	2850		1.0	
				Tan fine sand
25 ft	5998		1.0	
30 ft	2812		1.0	
35 ft	4232		1.1	

Lithology

Well Construction: bentonite seal

Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction
40 ft	3429		1.1	Tan very fine sand with caliche		
45 ft	2455		1			
50 ft	1268		0.2			
55 ft	2613	Cl- 4000	0			
		GRO <10				
		DRO <10				

Logger:	Jordan Woodfin		RICE ENVIRONMENTAL RECS CONSULTING & SAFETY, LLC
Driller:	Harrison & Cooper, Inc.		**Project Name:** BD G-23 EOL **Well ID:** SB-5
Drilling Method:	Air rotary		**Project Consultant:** RECS
Start Date:	6/6/2011		
End Date:	6/6/2011		

Comments: Located 16 ft east-south-east of the former junction box site. All samples were from cuttings.

DRAFTED BY: L. Weinheimer

TD = 55 ft GW = 59 ft

Location: UL/G sec. 23 T22S R37E

Lat: 32°22'51.479"N **County**: Lea

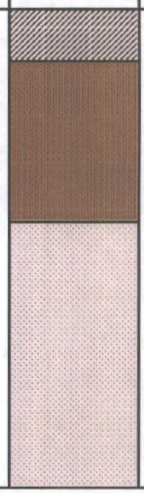
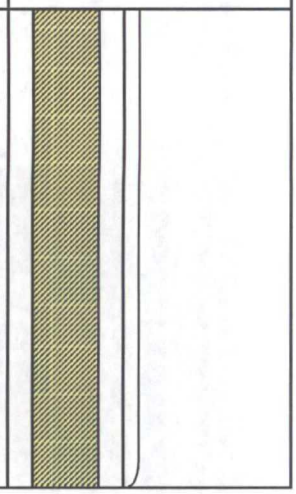
Long: 103°7'47.583"W **State**: NM

Depth (feet)	chloride field tests	LAB	PID	Description
				Brown very fine sand
SS	141		0.1	
				Light brown medium sand
5 ft	773		0.8	
10 ft	2468		0.9	
				Tan very fine silty sand
15 ft	7881		0.8	
20 ft	8823	Cl- 10,200	0.9	
		GRO <10		Tan medium sand with caliche
		DRO <10		
25 ft	2136		1	
				Red medium sand with caliche
30 ft	1378		0.3	
				Tan very fine sand with large caliche fragments
35 ft	842		0.2	

Lithology

Well Construction

bentonite seal

Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction
40 ft	625		0.8			
				Light brown medium sand with caliche		
45 ft	368		0.1			
				Tan very fine sand		
50 ft	210	Cl- 544	0.1			
		GRO <10				
		DRO <10				

Logger:	Jordan Woodfin		**Project Name:** BD G-23 EOL **Well ID:** SB-6
Driller:	Harrison & Cooper, Inc.		**Project Consultant:** RECS
Drilling Method:	Air rotary		
Start Date:	6/6/2011		
End Date:	6/6/2011		

Comments: Located 18 ft south of the former junction box site. All samples were from cuttings.

DRAFTED BY: L. Weinheimer

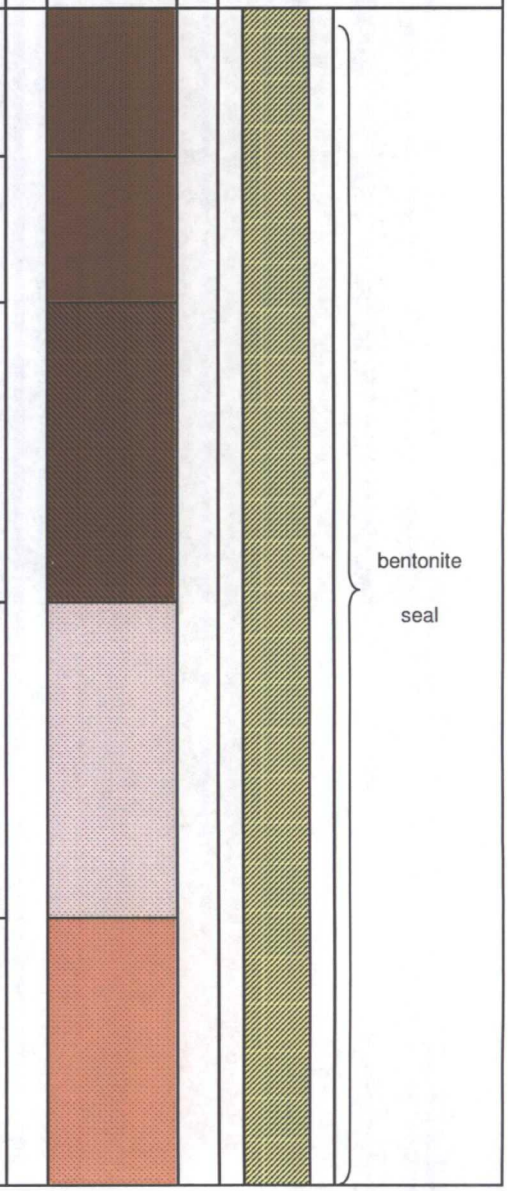
TD = 55 ft GW = 59 ft

Location: UL/G sec. 23 T22S R37E

Lat: 32°22'51.342"N **County**: Lea

Long: 103°7'47.392"W **State**: NM

Depth (feet)	chloride field tests	LAB	PID	Description
				Brown very fine sand with calcihe
SS	167		0	
				Brown very fine sand
5 ft	295		0	
				Brown medium sand with caliche fragments
10 ft	1800		0	
15 ft	1919	Cl- 2560	0	
		GRO <10		Tan very fine silty sand
		DRO <10		
20 ft	446		0	
25 ft	252		0	
				Light red very fine silty sand
30 ft	205	Cl- 192	0	
		GRO <10		
		DRO <10		



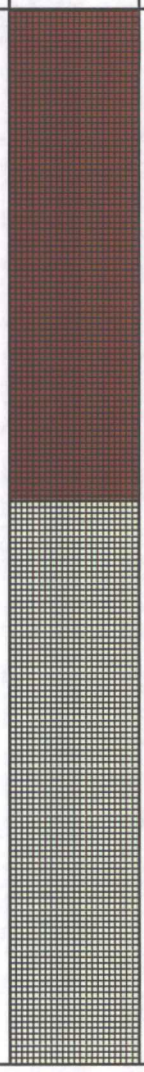
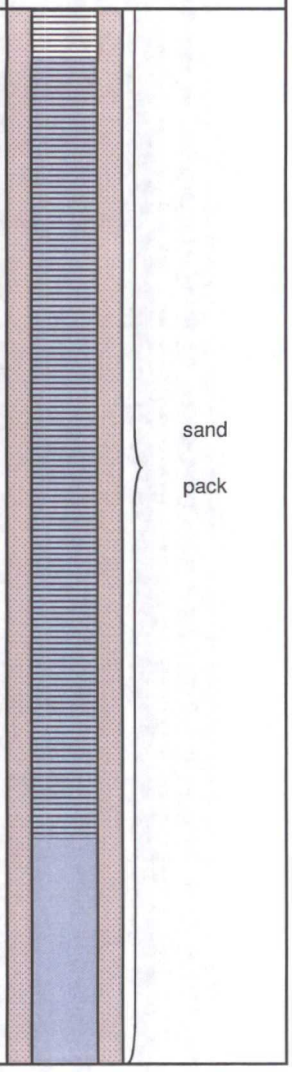
Logger:	Kyle Norman		RICE ENVIRONMENTAL RECS CONSULTING & SAFETY, LLC
Driller:	Harrison & Cooper, Inc.		**Project Name:** BD G-23 EOL **Well ID:** MW-1
Drilling Method:	Mud rotary		**Project Consultant:** RECS
Start Date:	1/31/2012		**Location:** UL/G sec. 23 T22S R37E
End Date:	1/31/2012		**Lat:** 32°22'51.206"N **Long:** 103°7'47.346"W **County**: Lea **State**: NM

Comments: Located 32 ft south of the site marking plate. The well was not sampled as it was being installed.

DRAFTED BY: L. Weinheimer

TD = 105 ft GW = 59 ft

Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
				RED SAND		
SS						
				TAN SAND WITH SOME CALICHE		
5 ft						
				RED SAND WITH SOME CALICHE		
10 ft						
				TAN SAND WITH SOME CALICHE		
15 ft						
20 ft						
25 ft						
30 ft						
35 ft						
40 ft						
45 ft						
50 ft						
55 ft						

Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
60 ft				RED SANDY CLAY		
65 ft						
70 ft						
75 ft						
80 ft						
				YELLOWISH SANDY CLAY		
85 ft						
90 ft						
95 ft						
100 ft						
105 ft						

Appendix C

Monitor Well Sampling Lab

RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 01, 2012

Hack Conder

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD G-23 EOL

Enclosed are the results of analyses for samples received by the laboratory on 02/23/12 12:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Rice Operating Company
Hack Conder
112 W. Taylor
Hobbs NM, 88240
Fax To: (575) 397-1471

Received:	02/23/2012	Sampling Date:	02/20/2012
Reported:	03/01/2012	Sampling Type:	Water
Project Name:	BD G-23 EOL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	T22S R37E SEC23 G ~ LEA COUNTY, NM		

Sample ID: MONITOR WELL #1 (H200477-01)

BTEX 8021B mg/L **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	02/27/2012	ND	0.050	101	0.0500	6.76	
Toluene*	<0.001	0.001	02/27/2012	ND	0.052	104	0.0500	6.98	
Ethylbenzene*	<0.001	0.001	02/27/2012	ND	0.053	106	0.0500	6.60	
Total Xylenes*	<0.003	0.003	02/27/2012	ND	0.163	108	0.150	7.07	
Surrogate: 4-Bromofluorobenzene (PIL	*105 %*	*70.7-118*							

Chloride, SM4500Cl-B mg/L **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	**860**	4.00	02/28/2012	ND	100	100	100	3.92	

Sulfate 375.4 mg/L **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sulfate*	**90.5**	10.0	02/28/2012	ND	18.5	92.5	20.0	2.74	

TDS 160.1 mg/L **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	**1970**	5.00	02/24/2012	ND	239	99.6	240	2.59	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

101 East Marland - Hobbs, New Mexico 88240
Tel (575) 393-2326
Fax (575) 393-2476

Cardinal Laboratories, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

Company Name:	BILL TO Company:	PO#
RICE Operating Company	RICE Operating Company	
Project Manager:	Address: (Street, City, Zip)	
Hack Conder	122 W Taylor Street ~ Hobbs, New Mexico 88240	
Address: (Street, City, Zip)	Phone#:	Fax#:
122 W Taylor Street ~ Hobbs, New Mexico 88240	(575) 393-9174	(575)397-1471
Phone #:	Fax #:	
(575) 393-9174	(575) 397-1471	
Project #:	Project Name:	
	BD G-23 EOL	
Project Location:	Sampler Signature: Rozanne Johnson (575)631-9310	
T22S R37E Sec23 G ~ Lea County New Mexico	rozanne@valornet.com	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (2-40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	SAMPLING: DATE (2012)	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 / TX1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Anions (Cl, SO4, CO3, HCO3)	Cations (Ca, Mg, Na, K)	Sulfates (SO4)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
H200477- A-2C 01	Monitor Well #1	G	3	X				2				1		2-20	15:20		X																X	X	X	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Rozanne Johnson	2-23-2012	12:56			
Relinquished by:	Date:	Time:	Received By: (Laboratory Staff)	Date:	Time:
				2/23/12	12:55

Phone Results		Yes		No	
Fax Results		Yes		No	Additional Fax Number:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Sample Condition: Cool — Yes ☑ / No ☐; Intact — Yes ☑ / No ☐

CHECKED BY: (Initials) CH

#26

REMARKS:

Email Results to: hconder@riceswd.com
lweinheimer@rice-ecs.com
klones@riceswd.com
rozanne@valornet.com