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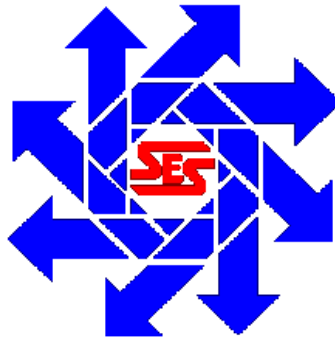
APPROVED

By OCD District 1 at 10:37 am, Jul 30, 2015

**OXY USA, Inc.
South Hobbs Grayburg San Andres Unit
221 B04
Closure Report**

**Section 4, T19S, R38E
Lea County, New Mexico**

July 28, 2015



Prepared for:

**OXY USA, Inc.
1017 W Stanolind Road
Hobbs, New Mexico 88240**

By:

**Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510**

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I. Company Contacts

Representative	Company	Telephone	E-mail
Raymond Aguilar	OXY USA, INC.	575-390-6312	Raymond_Aguilar@oxy.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged by OXY USA, INC to perform site assessment of a release area at the South Hobbs Grayburg San Andres Unit 221 located in Section 4 of Township 19 South, Range 38 East, Lea County, New Mexico.

According to the C-141 the cause of release was external corrosion.

III. Surface and Ground Water

The New Mexico Office of State Engineer record is in Section 4 Range 38 East and Township 19 South. The reported depth was 35 feet below ground surface (BGS). The average depth to water for the area is 55' bgs.

IV. Characterization

The target cleanup levels are determined using the *Guidelines for Remediation of Leaks, Spills and Releases* published by the NMOC (August 13, 1993). Based on the ranking criteria presented below, the applicable Recommended Remediation Action Levels (RRAL) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethylbenzene, and total xylenes (BTEX), and 100 ppm Total Petroleum Hydrocarbons (TPH).

Depth to Ground Water:			
(Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	20 points	
	50 feet to 99 feet	10 points	
	>100 feet	0 points	X
Wellhead Protection Area:			
(Less than 200 feet from a private domestic water source; or less than 1000 feet from all other water sources)	Yes	20 points	X
	No	0 points	
Distance to Surface Water:			
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	20 points	
	200 feet to 1000 feet	10 points	
	>1000 feet	0 points	X
RANKING SCORE (TOTAL POINTS)			20

V. Work Performed

On November 03, 2014, Safety & Environmental Solutions, Inc. was onsite to determine vertical extent of contamination. All samples were properly packaged, preserved and transported to the Laboratory, Hobbs New Mexico and analyzed for Benzene, Toluene, Ethylbenzene, Xylenes, Total BTEX and Chloride (Cl⁻) (Method SM4500Cl-B). The results of the analysis are presented in the table below:

Sample Date 11/03/2014	Sample ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX
Depth	Method					
BH 1 at 4'	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300
BH 2 at 3'	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300
BH 4 at 3'	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300
BH 3 at 6'	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300

Sample Date 11/03/2014	Sample ID	Chloride (Cl)	Sample ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)
Depth	Method		Method		
BH 1 at 4'	SM4500Cl-B	112	TPH 8015M	<10.0	<10.0
BH 2 at 3'	SM4500Cl-B	240	TPH 8015M	<10.0	<10.0
BH 4 at 3'	SM4500Cl-B	208	TPH 8015M	<10.0	56.8
BH 3 at 6'	SM4500Cl-B	448	TPH 8015M	<10.0	<10.0

On January 26, 2015 excavation started on the two sections on the Northeast side of the location. The area was excavated to a depth of approximately 18". A bottom hole sample was properly packaged, preserved and transported to the Laboratory, Hobbs New Mexico and analyzed for Benzene, Toluene, Ethyl benzene, Xylenes, Total BTEX and Chloride (Cl-) (Method SM4500Cl-B). The results of the analysis are presented in the table below:

Sample Date 1/27/2015	Sample ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)	Total BTEX
Depth	Method					
NE Section Bottom 18"	BTEX 8021B	<0.050	<0.050	<0.050	<0.150	<0.300

Sample Date 1/27/2015	Sample ID	Chloride (Cl)	Sample ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)
Depth	Method		Method		
NE Section Bottom 18"	SM4500Cl-B	144	TPH 8015M	<10	<10

The area on the south side of the lease road was excavated to a depth of approximately 18" where an extremely hard caliche was encountered that was not penetrable with the backhoe. A call was placed to Dr. Oberding of the NMOCD and this area was closed with the 1390 ppm composite sample result as returned in the table below:

Sample Date 2/06/2015	Sample ID	Chloride (Cl)
Depth	Method	Result
5 pt Composite 18"	SM4500Cl-B	1390

On February 17, 2015 the remaining areas of excavation were completed to depths of approximately 18" to 2'. The samples was properly packaged, preserved and transported to the Laboratory, Hobbs New Mexico and analyzed for Chloride (Cl-) (Method SM4500Cl-B). The results of the analysis are presented in the table below:

Sample Date 2/17/2015	Sample ID	Chloride (Cl)
Depth	Method	Result
"North East C-1	SM4500Cl-B	64
North East C-2	SM4500Cl-B	112
North West C-1	SM4500Cl-B	80
South C-1	SM4500Cl-B	128

All impacted soils were taken to a NMOCD approved disposal facility and the excavated areas were backfilled with soil from off-site. The area was returned to original grade.

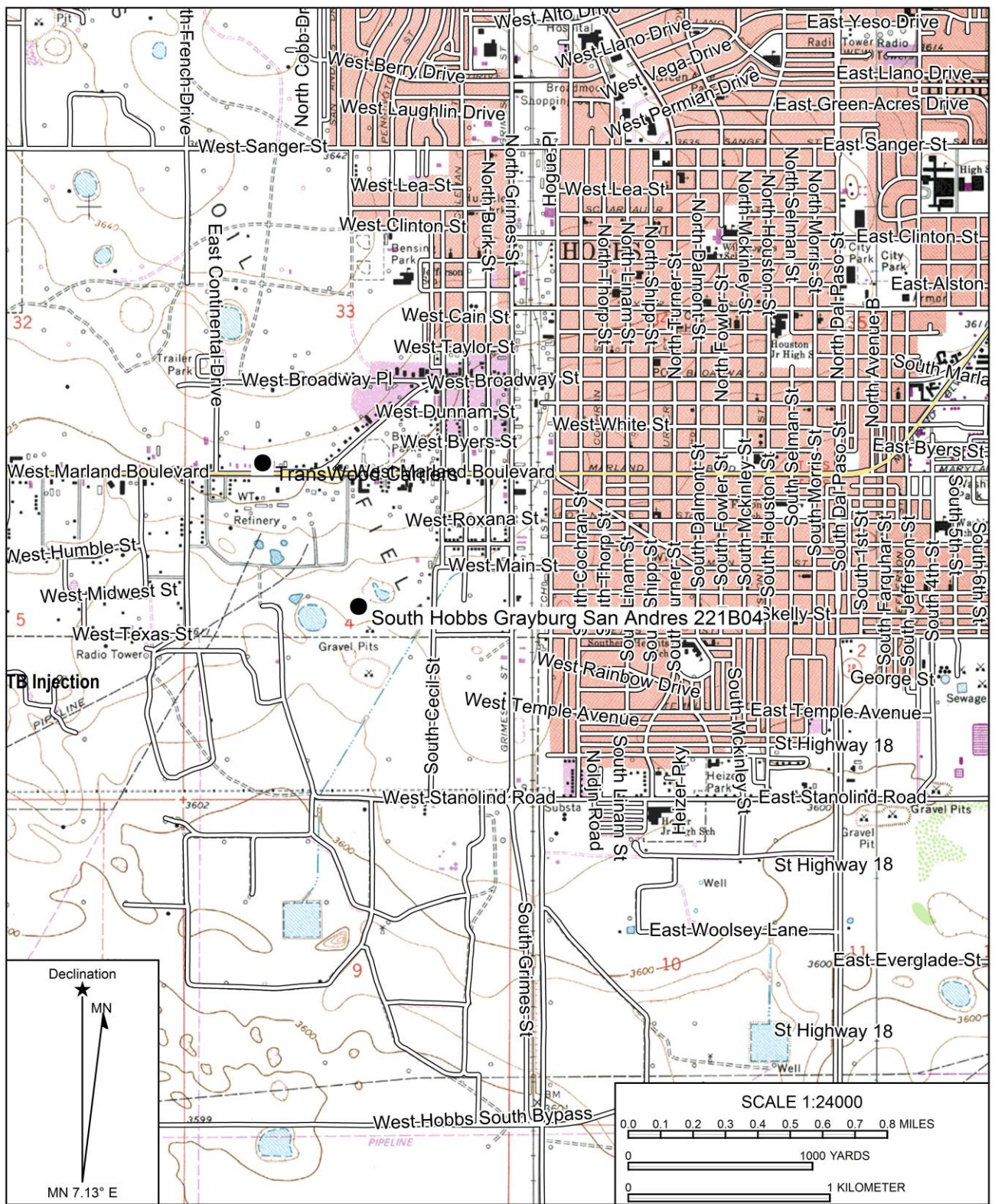
VI. Action Plan

The NMOCD approved work plan was completed with no issues. No further action is required. On behalf of Oxy, SESI respectfully requests closure of the regulatory file for this site.

VII. Figures & Appendices

Figure 1 – Vicinity Map
Figure 2 – Site Plan
Figure 3 – NMOCD Trend Map
Appendix A – Analytical Results
Appendix B – C-141

Figure 1
Vicinity Map



Name: HOBBS WEST,
 Date: 12/02/14
 Scale: 1 inch = 2,000 ft.

Location: 032.6907038° N, 103.1455887° W
 Hobbs Grayburg San Andres Unit 221 B04

Figure 2
Site Plan



South Hobbs Grayburg San Andres Unit 221

Appendix A

Analytical Results



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

November 12, 2014

Bob Allen
Safety & Environmental Solutions
703 East Clinton
Hobbs, NM 88240

RE: SHU GSA UNIT WELL #221

Enclosed are the results of analyses for samples received by the laboratory on 11/06/14 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accredited 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
Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received: 11/06/2014
Reported: 11/12/2014
Project Name: SHU GSA UNIT WELL #221
Project Number: OXY-14-023
Project Location: HOBBS, NEW MEXICO

Sampling Date: 11/03/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BH-1 4' BGS (H403418-01)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2014	ND	1.84	91.9	2.00	4.93		
Toluene*	<0.050	0.050	11/10/2014	ND	1.79	89.5	2.00	1.72		
Ethylbenzene*	<0.050	0.050	11/10/2014	ND	1.72	86.0	2.00	2.09		
Total Xylenes*	<0.150	0.150	11/10/2014	ND	5.10	84.9	6.00	3.06		
Total BTX	<0.300	0.300	11/10/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/06/2014	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: ms					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/06/2014	ND	189	94.3	200	2.33	
DRO >C10-C28	<10.0	10.0	11/06/2014	ND	195	97.3	200	3.40	

Surrogate: 1-Chlorooctane 90.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.2 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celestine D. Keene

Celestine D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	11/06/2014	Sampling Date:	11/03/2014
Reported:	11/12/2014	Sampling Type:	Soil
Project Name:	SHU GSA UNIT WELL #221	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-023	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NEW MEXICO		

Sample ID: BH-2 3' BGS (H403418-02)

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2014	ND	1.84	91.9	2.00	4.93		
Toluene*	<0.050	0.050	11/10/2014	ND	1.79	89.5	2.00	1.72		
Ethylbenzene*	<0.050	0.050	11/10/2014	ND	1.72	86.0	2.00	2.09		
Total Xylenes*	<0.150	0.150	11/10/2014	ND	5.10	84.9	6.00	3.06		
Total BTEX	<0.300	0.300	11/10/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/06/2014	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: ms					

Surrogate: 1-Chlorooctane 99.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received: 11/06/2014
Reported: 11/12/2014
Project Name: SHU GSA UNIT WELL #221
Project Number: OXY-14-023
Project Location: HOBBS, NEW MEXICO

Sampling Date: 11/03/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BH-4 3' BGS (H403418-03)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2014	ND	1.84	91.9	2.00	4.93	
Toluene*	<0.050	0.050	11/10/2014	ND	1.79	89.5	2.00	1.72	
Ethylbenzene*	<0.050	0.050	11/10/2014	ND	1.72	86.0	2.00	2.09	
Total Xylenes*	<0.150	0.150	11/10/2014	ND	5.10	84.9	6.00	3.06	
Total BTEX	<0.300	0.300	11/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/06/2014	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: ms					

GRO C6-C10	<10.0	10.0	11/11/2014	ND	189	94.3	200	2.33	
DRO >C10-C28	56.8	10.0	11/11/2014	ND	195	97.3	200	3.40	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received: 11/06/2014
Reported: 11/12/2014
Project Name: SHU GSA UNIT WELL #221
Project Number: OXY-14-023
Project Location: HOBBS, NEW MEXICO

Sampling Date: 11/03/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BH-3 6' BGS (H403418-04)

BTEX 80218		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2014	ND	1.84	91.9	2.00	4.93	
Toluene*	<0.050	0.050	11/11/2014	ND	1.79	89.5	2.00	1.72	
Ethylbenzene*	<0.050	0.050	11/11/2014	ND	1.72	86.0	2.00	2.09	
Total Xylenes*	<0.150	0.150	11/11/2014	ND	5.10	84.9	6.00	3.06	
Total BTEX	<0.300	0.300	11/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID 96.4 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	11/06/2014	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

GRO C6-C10	<10.0	10.0	11/06/2014	ND	189	94.3	200	2.33	
DRO >C10-C28	<10.0	10.0	11/06/2014	ND	195	97.3	200	3.40	

Surrogate: 1-Chlorooctane 90.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.4 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(505) 393-2326 Fax (505) 393-2476

Page 1 of 1

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Project Name: Safety & Environmental Solutions, Inc.		Project Manager: Bob Allen	
Address: 703 East Clinton		City: Hobbs	
State: NM Zip: 88240		Phone #: 575-397-0510 Fax #: 575-393-4388	
Project #: 08Y-14-023		Project Owner: 08Y	
Project Name: 54th GSA UNIT		Project Location: UCC 225	
Project Location: Hobbs, NM		Sample Name: 508, Jerry	
Lab I.D.		Sample I.D.	
1 BH-1 4 FT BQS		(G)RAB OR (C)OMP	
2 BH-2 3 FT BQS		# CONTAINERS	
3 BH-4 3 FT BQS		GROUNDWATER	
4 BH-3 6 FT BQS		WASTEWATER	
		SOIL	
		OIL	
		SLUDGE	
		OTHER:	
		ACID/BASE:	
		ICE / COOL	
		OTHER:	
		DATE	
		TIME	
		11/03 1030	
		11/03 1500	
		11/03 1425	
		11/03 1445	
		BTEX	
		TPH (8015)	
		CHLORINES	

January 29, 2015

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: SOUTH HOBBS UNIT #221

Enclosed are the results of analyses for samples received by the laboratory on 01/27/15 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accredited 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

Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	01/27/2015	Sampling Date:	01/27/2015
Reported:	01/29/2015	Sampling Type:	Soil
Project Name:	SOUTH HOBBS UNIT #221	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-023	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: NE SEC. #1 BOTTOM HOLE (H500252-01)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2015	ND	1.67	83.4	2.00	9.24	
Toluene*	<0.050	0.050	01/28/2015	ND	1.63	81.4	2.00	8.09	
Ethylbenzene*	<0.050	0.050	01/28/2015	ND	1.55	77.4	2.00	9.75	
Total Xylenes*	<0.150	0.150	01/28/2015	ND	4.67	77.8	6.00	9.79	
Total BTX	<0.300	0.300	01/28/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/28/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/27/2015	ND	190	95.1	200	3.71	
DRO >C10-C28	<10.0	10.0	01/27/2015	ND	190	95.1	200	5.24	

Surrogate: 1-Chlorooctane 110 % 47.2-157

Surrogate: 1-Chlorooctadecane 128 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

ANALYSIS REQUEST

BILL TO

Company Name: Safety & Environmental Solutions, Inc.
Project Manager: Bob Allen

Address: 703 East Clinton

City: Hobbs

Phone #: 575-397-0510 Fax #: 575-393-4388

Project #: OXY-14-023 Project Owner: CXY

Project Name: South Hobbs Unit #221

Project Location:

Sampler Name: Joe Medlin

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H500852 NE Section #1
1 Bottom Hole (cont)

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

1-27-15

1346

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

PLEASE NOTE: Liability and Damages: Cardinal Laboratories and its clients' respective liability for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or subcontractors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.

Terms and Conditions: Invoiced within 30 days past due at the rate of 2.5% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

Sampler Relinquished:

Date: 1-27-15

Time: 1346

Date: 1-27-15

Time: 8:45

Received By:

Joe Medlin

Received By:

Joe Medlin

Delivered By: (Circle One)

Sample - UPS - Bus - Other:

5.60

Temp.

Sample Condition

Cool Intact

Yes Yes No No

CHECKED BY:

Joe Medlin

Phone Result: Yes Yes No No Add'l Phone #:

Fax Result: Yes Yes No No Add'l Fax #:

REMARKS:

Email Results to:

ballen@sesi-nm.com

scottreitas@sesi-nm.com

oboyer@sesi-nm.com

office@sesi-nm.com

jmedlin@sesi-nm.com

* Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

#54

February 10, 2015

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: SOUTH HOBBS

Enclosed are the results of analyses for samples received by the laboratory on 02/06/15 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accredited 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

Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received: 02/06/2015
Reported: 02/10/2015
Project Name: SOUTH HOBBS
Project Number: OXY-14-023
Project Location: NONE GIVEN

Sampling Date: 02/06/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: 5 PT. COMP 18" DEEP (H500368-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	02/09/2015	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ____ of ____

ANALYSIS REQUEST

BILL TO

Company Name: **Safety & Environmental Solutions, Inc.**
Project Manager: **Bob Allen**

Address: **703 East Clinton**

City: **Hobbs** State: **NM** Zip: **88240**

Phone #: **575-397-0510** Fax #: **575-393-4388**

Project #: **087-14-623** Project Owner: **OKX**

Project Location: **South Hobbs**

Sampler Name: **OKX**

For Lab Use Only

Lab I.D. **H500368** Sample I.D. **15 Spent Comp 18' Deep C**

Matrix: ☒ GROUNDWATER ☐ WASTEWATER ☐ SOIL ☐ OIL ☐ SLUDGE ☐ OTHER:

Preserve: ☐ ACID/BASE: ☐ ICE / COOL ☐ OTHER:

Date: **2-6-15** Time: **10:00 AM**

Received By: **OKX**

Relinquished By: **OKX**

Temp: **1.20C**

Sample Condition: ☒ Intact ☐ Damaged

Checked By: **OKX**

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Remarks: **OKX**

Terms and Conditions: **OKX**

30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

#54

Page 4 of 4

February 23, 2015

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: SHU GSA UNIT WELL #221

Enclosed are the results of analyses for samples received by the laboratory on 02/19/15 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accredited 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

Lab Director/Quality Manager

Analytical Results For:

 Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	02/19/2015	Sampling Date:	02/17/2015
Reported:	02/23/2015	Sampling Type:	Soil
Project Name:	SHU GSA UNIT WELL #221	Sampling Condition:	Cool & Intact
Project Number:	OXY-14-023	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NEW MEXICO		

Sample ID: NORTH EAST C-1 (H500478-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/19/2015	ND	400	100	400	0.00	

Sample ID: NORTH EAST C-2 (H500478-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/19/2015	ND	400	100	400	0.00	

Sample ID: NORTH WEST C-1 (H500478-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/19/2015	ND	400	100	400	0.00	

Sample ID: SOUTH C-1 (H500478-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/19/2015	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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***	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

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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(505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ____ of ____

ANALYSIS REQUEST

BILL TO

Company Name: Safety & Environmental Solutions, Inc.

Project Manager: Bob Allen

Address: 703 East Clinton

City: Hobbs State: NM Zip: 88240

Phone #: 575-397-0510 Fax #: 575-393-4388

Project #: DXY-14-023 Project Owner: DXY

Project Name: SHU (GSA) Well #221

Project Location: Hobbs, N.M.

Sampler Name: Susan Smith

For Lab Use Only

Lab I.D. Sample I.D.

H500178

1 NORTH EAST C-1
2 NORTH EAST C-2
3 NORTH WEST C-1
4 SOUTH C-1

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE TIME
02/17 0950
02/17 1015
02/17 1245
02/17 1350

PLEASE NOTE: Liability and Damages: Cardinal's liability and damages are limited to the amount paid by the client for the service. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client. Its subsidiaries, affiliates or subcontractors making such claim or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Invoices will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished By: *[Signature]*
Date: 02/19/15
Time: 8:00
Received By: *[Signature]*
Date: *[Signature]*
Time: *[Signature]*

Delivered By: (Circle One) Temp. Sample Condition
Cool Intact ☒ Yes ☐ No
Sampler - UPS - Bus - Other: 4.62 ☐ Yes ☐ No
CHECKED BY: *[Signature]*

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

#54

Appendix B

C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR		☒ Initial Report	☐ Final Report
Name of Company: OXY USA		Contact: Tony Aguilar	
Address: 1017 W Stanolind Road		Telephone No. 575-390-6312	
Facility Name: South Hobbs Unit 221		Facility Type: Well Location	
Surface Owner: DCP Midstream	Mineral Owner: OXY	Lease No. 30-025-29892	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	4	19S	38E					

Latitude: 32.693470 Longitude: -103.153740

NATURE OF RELEASE

Type of Release: Produced Water and Oil	Volume of Release: 1BBL Oil, 500 BBLs Water	Volume Recovered: 50 BBLs Water
Source of Release: Wellhead	Date and Hour of Occurrence: 8/17/2014 10:37:49 AM	Date and Hour of Discovery: 8/17/2014 10:30 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Tomas Oberding	
By Whom? Tony Aguilar	Date and Hour: 8/17/2014 12:56 PM (Left Message)	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Cause of leak external corrosion, leak is at wellhead. Standing water was picked up by vacuum truck.

Describe Area Affected and Cleanup Action Taken.*

Safety & Environmental Solutions, Inc. will delineate spill area and submit appropriate work plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:		OIL CONSERVATION DIVISION	
Printed Name: Tony Aguilar		Approved by District Supervisor:	
Title: HSE Specialist	Approval Date:	Expiration Date:	
E-mail Address: Raymond_Aguilar@oxy.com	Conditions of Approval:		Attached ☐
Date: 8/20/2014	Phone: 575-390-6312		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: OXY USA	Contact: Tony Aguilar
Address: 1017 W Stanolind Road	Telephone No. 575-390-6312
Facility Name: South Hobbs Unit 221	Facility Type: Well Location

Surface Owner: DCP Midstream	Mineral Owner: OXY	Lease No. 30-025-29892
------------------------------	--------------------	------------------------

LOCATION OF RELEASE

Unit Letter C	Section 4	Township 19S	Range 38E	Feet from the	North/South Line	Feet from the	East/West Line	County
------------------	--------------	-----------------	--------------	---------------	------------------	---------------	----------------	--------

Latitude: 32.693470 Longitude: -103.153740

NATURE OF RELEASE

Type of Release: Produced Water and Oil	Volume of Release: 1BBL Oil, 500 BBLs Water	Volume Recovered: 50 BBLs Water
Source of Release: Wellhead	Date and Hour of Occurrence: 8/17/2014 10:37:49 AM	Date and Hour of Discovery 8/17/2014 10:30 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Tomas Oberding	
By Whom? Tony Aguilar	Date and Hour: 8/17/2014 12:56 PM (Left Message)	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Cause of leak external corrosion, leak is at wellhead. Standing water was picked up by vacuum truck.

Describe Area Affected and Cleanup Action Taken.*

The affected area was excavated according to the NMOCD approved workplan. Contaminated soil was transported to Sundance, a NMOCD approved disposal facility. The excavated was backfill with material transported from off-site.

T

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Tony Aguilar

Title: HSE Specialist

E-mail Address: Raymond_Aguilar@oxy.com

Date: 5/15/2015

Phone: 575-390-6312

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

Appendix C

Site Photographs



Release area on pad looking North



Release area on pad looking East



Release area on pad looking Southeast



SHU # 221 & release point



Lease road looking Northwest



Pad looking North



Lease road looking East



Release area looking Southeast



Release area looking Southeast



Lease road looking West



End of lease road East by fence



Entrance lease road looking East-Southeast

Appendix D

Groundwater Analysis



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 00048 POD2	L	LE		4	2	02	19S	38E		676933	3618618*	106	54	52
L 00048 POD3	R	L	LE	4	2	02	19S	38E		676933	3618618*	120	48	72
L 00048 POD4	L	LE		2	4	2	02	19S	38E	677032	3618717*	96		
L 00050	L	LE		2	1	02	19S	38E		676122	3619007*	135		
L 00146	L	LE		2	4	02	19S	38E		676940	3618216*	110	70	40
L 00146 S	L	LE		4	02	19S	38E			676744	3618007*	110	85	25
L 00183	L	LE		1	1	2	02	19S	38E	676424	3619113*	85	79	6
L 00188	R	L	LE	1	2	4	03	19S	38E	675229	3618287*	148		
L 00199	O	L	LE	4	4	4	19	19S	38E	670680	3612769*	60		
L 00199 POD1	L	LE		3	2	4	19	19S	38E	670474	3613172*	98	38	60
L 00199 POD2	O	L	LE	2	2	4	19	19S	38E	670674	3613372*	85	35	50
L 00199 S2	L	LE		4	4	4	19	19S	38E	670680	3612769*	90	40	50
L 00205	L	LE		3	3	3	01	19S	38E	677247	3617719*	107	50	57
L 00220 POD12	L	LE		4	2	2	11	19S	38E	677051	3617309*	150	65	85
L 00220 POD4	R	L	LE	1	2	1	02	19S	38E	676021	3619106*	184		
L 00220 POD7	L	LE		2	1	4	11	19S	38E	676661	3616697*	174	60	114
L 00220 S6	L	LE		2	2	3	02	19S	38E	676234	3618301*	166	28	138
L 00220 S7	L	LE		4	4	3	02	19S	38E	676240	3617698*	172	28	144
L 00227	L	LE		2	1	1	04	19S	38E	672597	3619044*	180	62	118
L 00228	L	LE		1	2	1	04	19S	38E	672800	3619051*	180	150	30
L 00229	L	LE		3	1	1	04	19S	38E	672397	3618844*	187	155	32
L 00230	L	LE		2	2	1	01	19S	38E	677831	3619134*	183	153	30
L 00231	L	LE		3	2	1	04	19S	38E	672800	3618851*	183	150	33
L 00262	L	LE		4	2	3	35	19S	38E	676357	3610046*	116	40	76
L 00262 POD1	L	LE		4	4	3	35	19S	38E	676363	3609643*	101	38	63
L 00262 POD6	L	LE		2	1	3	35	19S	38E	675955	3610239*	105	70	35

*UTM location was derived from PLSS - see Help

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 00262 POD7	L	LE		4	1	3	35	19S	38E	675955	3610039*	105	65	40
L 00262 POD8	L	LE		4	1	3	35	19S	38E	675955	3610039*	103	55	48
L 00262 S	L	LE			2	3	35	19S	38E	676258	3610147*	116	52	64
L 00262 S2	L	LE		3	4	3	35	19S	38E	676163	3609643*	101	41	60
L 00262 S3	L	LE		2	4	3	35	19S	38E	676363	3609843*	100	49	51
L 00263	R	L	LE		4	3	35	19S	38E	676264	3609744*	100	38	62
L 00298	L	LE		2	3	3	27	19S	38E	674121	3611822*	100	70	30
L 00298 POD10	L	LE		2	4	1	25	19S	38E	677935	3612288*	141	81	60
L 00298 POD11	L	LE		3	4	1	25	19S	38E	677735	3612088*	147	89	58
L 00298 POD12	L	LE		4	2	2	25	19S	38E	678734	3612505*	141	70	71
L 00298 POD13	L	LE		1	2	2	26	19S	38E	676924	3612676*	161	121	40
L 00298 POD3	L	LE		2	3	1	27	19S	38E	674315	3612225*	96	56	40
L 00298 POD4	L	LE		3	1	2	27	19S	38E	674913	3612441*	108	55	53
L 00298 POD5	L	LE		3	3	3	25	19S	38E	677345	3611275*	112	64	48
L 00298 POD6	L	LE		1	3	4	26	19S	38E	676541	3611461*	152	66	86
L 00298 POD7	L	LE		3	3	4	26	19S	38E	676541	3611261*	145	68	77
L 00298 POD8	L	LE		1	2	1	25	19S	38E	677729	3612690*	143	70	73
L 00298 POD9	L	LE		1	3	3	26	19S	38E	675736	3611447*	161	75	86
L 00299	L	LE		4	1	3	27	19S	38E	674321	3611622*	100	40	60
L 00309	L	LE		3	1	4	02	19S	38E	676436	3618108*	135	65	70
L 00312	R	L	LE	1	1	2	35	19S	38E	676547	3611058*	110	50	60
L 00312 POD1	L	LE			2		35	19S	38E	676855	3610758*	106	56	50
L 00312 POD2	L	LE			1		36	19S	38E	677660	3610772*	104	56	48
L 00312 POD8	L	LE		1	1	3	36	19S	38E	676970	3608541	105	50	55
L 00312 S	R	L	LE	2	2	2	35	19S	38E	677149	3611065*	115	52	63
L 00312 S2	L	LE					36	19S	38E	678074	3610368*	101	56	45
L 00312 S3	L	LE			2		36	19S	38E	678465	3610786*	111	40	71
L 00312 S4	L	LE		1	2	3	36	19S	38E	677766	3610274*	100	40	60
L 00312 S5	L	LE		1	4		36	19S	38E	678270	3610182*	108	90	18

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(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 00325	R	L	LE	1	2	1	19	19S	38E	669657	3614164*	83		
L 00325 POD2		L	LE	3	1	4	19	19S	38E	670072	3613165*			
L 00325 POD2	R	L	LE	3	1	4	19	19S	38E	670072	3613165*			
L 00325 POD3		L	LE		1	4	19	19S	38E	670173	3613266*	93	45	48
L 00325 POD4		L	LE	3	1	4	19	19S	38E	670072	3613165*	95	45	50
L 00325 S	R	L	LE	2	2	1	19	19S	38E	669857	3614164*	84		
L 00325 S2			LE	3	1	2	19	19S	38E	670059	3613971*	83	22	61
L 00345		L	LE	1	3	2	14	19S	38E	676479	3615488*	124	72	52
L 00345 S		L	LE		4	2	14	19S	38E	676982	3615396*	125	65	60
L 00345 S2		L	LE	1	1	1	13	19S	38E	677278	3615905*	195	140	55
L 00345 S3		L	LE	2	3	1	13	19S	38E	677484	3615502*	163	83	80
L 00345 S4		L	LE			2	13	19S	38E	678391	3615619*	187	70	117
L 00345 S5		L	LE	3	2	3	13	19S	38E	677692	3614907*	174	77	97
L 00345 S6		L	LE	2	2	2	14	19S	38E	677075	3615898*	187	110	77
L 00355		L	LE	3	2	2	02	19S	38E	676826	3618920*	110		
L 00532		L	LE	3	4	1	10	19S	38E	674442	3616865*	110	80	30
L 00532	R	L	LE	3	4	1	10	19S	38E	674442	3616865*	110	80	30
L 00532 POD2		L	LE	4	4	1	10	19S	38E	674642	3616865*	125	44	81
L 00532 POD2	R	L	LE	4	4	1	10	19S	38E	674642	3616865*	125	44	81
L 00532 S		L	LE	1	3	2	10	19S	38E	674845	3617072*	126	39	87
L 00532 S	R	L	LE	1	3	2	10	19S	38E	674845	3617072*	126	39	87
L 00540 POD2	R	L	LE	3	4	2	18	19S	38E	670441	3615185*	92	20	72
L 00540 POD3		L	LE	2	3	2	18	19S	38E	670239	3615379*	92	20	72
L 00561		L	LE	3	1	1	34	19S	38E	674130	3610789	90	33	57
L 00561	R	L	LE	3	1	1	34	19S	38E	674130	3610789	90	33	57
L 00561 POD10		L	LE		1	1	34	19S	38E	674235	3610918*	80	42	38
L 00561 POD11		L	LE			2	34	19S	38E	675246	3610730*	120	72	48
L 00561 POD12		L	LE	1	3	1	35	19S	38E	675749	3610642*	111	70	41
L 00561 POD3	R	L	LE	2	2	1	34	19S	38E	674736	3611024*	85	45	40

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(In feet)

POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column		
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng							
L 00561 POD4		L	LE	1	1	1	34	19S	38E	674134	3611017*		78	39	39	
L 00561 POD4		R	L	LE	1	1	1	34	19S	38E	674134	3611017*		78	39	39
L 00561 POD5		L	LE	3	1	2	34	19S	38E	674938	3610831*		108	40	68	
L 00561 POD6		L	LE	3	1	2	34	19S	38E	674938	3610831*		80	45	35	
L 00561 POD7		L	LE	3	4	2	34	19S	38E	675346	3610435*		85	35	50	
L 00561 POD8		L	LE	4	1	1	34	19S	38E	674334	3610817*		60	37	23	
L 00561 POD9			LE	3	2	1	34	19S	38E	674536	3610824*		57	35	22	
L 00561 S		L	LE	1	2	2	34	19S	38E	675340	3611037*		110	60	50	
L 00561 S		R	L	LE	1	2	2	34	19S	38E	675340	3611037*		110	60	50
L 00646		L	LE	4	1	3	01	19S	38E	677441	3618122*		93	45	48	
L 00646 POD1		L	LE		1	3	01	19S	38E	677342	3618223*		135	70	65	
L 00646 POD2		L	LE	4	1	3	01	19S	38E	677441	3618122*		179	70	109	
L 00662		L	LE	2	1	2	02	19S	38E	676624	3619113*		107			
L 00937		L	LE	3	1	1	03	19S	38E	674008	3618872*		100			
L 00991 POD1		L	LE			2	05	19S	38E	671899	3618730*		80			
L 00995 POD1		L	LE	1	1	4	05	19S	38E	671604	3618225*		62	26	36	
L 00996 POD1		L	LE	2	2	1	34	19S	38E	674736	3611024*		50			
L 01010 POD1		L	LE	1	2	2	05	19S	38E	671994	3619037*		95	45	50	
L 01016 POD1		L	LE		4	4	03	19S	38E	675336	3617785*		76			
L 01017 POD1		L	LE	3	4	2	05	19S	38E	672000	3618434*		63			
L 01021 S		L	LE	2	2	2	14	19S	38E	677075	3615898*		173	75	98	
L 01021 S		R	L	LE	2	2	2	14	19S	38E	677075	3615898*		173	75	98
L 01034		L	LE		4	2	34	19S	38E	675447	3610536*		80			
L 01060		L	LE	4	4	1	05	19S	38E	671394	3618421*		50	30	20	
L 01071		L	LE	2	3	2	05	19S	38E	671797	3618628*		65	30	35	
L 01104 POD1		L	LE	4	3	2	04	19S	38E	673409	3618455*		60	33	27	
L 01105 POD1		L	LE			2	04	19S	38E	673511	3618757*		80	45	35	
L 01115 POD1		L	LE		4	2	05	19S	38E	672101	3618535*			61		
L 01130 POD1		L	LE		4	2	34	19S	38E	675447	3610536*		80	46	34	

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 01144 POD1	L	LE		4	2	2	34	19S	38E	675540	3610837*	76	50	26
L 01162 POD1	L	LE		3	3	1	05	19S	38E	670791	3618414*	65	30	35
L 01172 POD1	L	LE		2	3	03		19S	38E	674525	3618175*	110	40	70
L 01181 POD1	L	LE		4	2	05		19S	38E	672101	3618535*	87	26	61
L 01338	L	LE		4	4	27		19S	38E	675435	3611341*	75	45	30
L 01361	L	LE		3	1	3	01	19S	38E	677241	3618122*	80	55	25
L 01369	L	LE		2	1	1	05	19S	38E	670984	3619017*	80	37	43
L 01372	L	LE			3	28		19S	38E	672820	3611494*		70	
L 01381	L	LE		3	1	4	01	19S	38E	678045	3618137*	90	74	16
L 01397	R	L	LE	4	4	3	03	19S	38E	674630	3617671*	80	50	30
L 01397 POD2	L	LE		4	4	3	03	19S	38E	674630	3617671*	90	48	42
L 01411	R	L	LE	2	1	1	03	19S	38E	674208	3619072*	147	70	77
L 01418	L	LE			2	05		19S	38E	671899	3618730*	77	37	40
L 01432	L	LE		4	2	05		19S	38E	672101	3618535*	75	37	38
L 01442	L	LE		4	2	2	34	19S	38E	675540	3610837*	100	50	50
L 01442 POD2	L	LE		2	2	4	26	19S	38E	677137	3611871*	138	68	70
L 01453 POD2	L	LE		2	2	4	27	19S	38E	675528	3611843*	126	47	79
L 01454	L	LE		1	1	2	02	19S	38E	676424	3619113*	120	60	60
L 01458	L	LE		3	4	1	05	19S	38E	671194	3618421*	110	24	86
L 01463	L	LE		1	1	1	35	19S	38E	675742	3611044*	85	58	27
L 01464	L	LE		4	4	4	27	19S	38E	675534	3611240*	85	58	27
L 01478	L	LE		2	1	3	11	19S	38E	675856	3616682*	80	48	32
L 01499	L	LE		4	4	4	27	19S	38E	675534	3611240*	80	50	30
L 01502 POD1	L	LE		4	2	02		19S	38E	676933	3618618*	90	55	35
L 01514 POD2	L	LE		4	2	4	27	19S	38E	675602	3611576	145	57	88
L 01518 POD1	L	LE					03	19S	38E	674732	3618368*	110	53	57
L 01520 POD1	L	LE		2	1	05		19S	38E	671288	3618924*	100	30	70
L 01559 POD1	L	LE		3	4	4	19	19S	38E	670480	3612769*	82		
L 01570 POD1	L	LE		2	3	3	01	19S	38E	677447	3617919*	90	48	42

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 01579 POD1	L	LE		4	4	4	03	19S	38E	675435	3617684*	70	41	29
L 01583 POD1	L	LE			2	2	05	19S	38E	672095	3618938*	65	30	35
L 01592 POD1	L	LE		1	2	2	04	19S	38E	673605	3619065*	82	50	32
L 01687 POD1	L	LE		2	2	1	34	19S	38E	674736	3611024*	50	40	10
L 01692 POD1	L	LE			4	4	12	19S	38E	678580	3616231*	108	63	45
L 01783	L	LE		2	2	2	34	19S	38E	675540	3611037*	84	56	28
L 01833 POD1	L	LE			3	2	05	19S	38E	671698	3618529*	66	28	38
L 01858	L	LE		4	4	4	27	19S	38E	675534	3611240*	110	48	62
L 01941	L	LE				1	05	19S	38E	671093	3618716*	70	28	42
L 01971	L	LE		4	4	1	05	19S	38E	671394	3618421*	60	28	32
L 01989	L	LE		1	1	1	27	19S	38E	674108	3612628*	108	38	70
L 01990	L	LE		4	2	1	27	19S	38E	674711	3612434*	109	40	69
L 01996	L	LE		4	3	3	01	19S	38E	677447	3617719*	98	40	58
L 01998	L	LE		1	1	2	05	19S	38E	671591	3619030*	100	50	50
L 02048	L	LE		2	2	4	27	19S	38E	675528	3611843*	80		
L 02048	R	L	LE	2	2	4	27	19S	38E	675528	3611843*	80		
L 02048 POD2	L	LE		2	2	4	27	19S	38E	675528	3611843*	80	49	31
L 02048 POD2	R	L	LE	2	2	4	27	19S	38E	675528	3611843*	80	49	31
L 02048 POD3	L	LE		2	2	4	27	19S	38E	675528	3611843*	80	50	30
L 02048 POD3	R	L	LE	2	2	4	27	19S	38E	675528	3611843*	80	50	30
L 02089	L	LE		4	4	4	15	19S	38E	675485	3614461*	83	49	34
L 02111	L	LE			3	2	30	19S	38E	670193	3612058*	96	40	56
L 02111	R	L	LE		3	2	30	19S	38E	670193	3612058*	96	40	56
L 02111 POD3	L	LE			4	2	30	19S	38E	670595	3612065*	93	43	50
L 02111 POD4	L	LE			4	2	30	19S	38E	670595	3612065*	90	53	37
L 02111 S	L	LE		1	2	2	30	19S	38E	670487	3612566*	100	52	48
L 02111 S	R	L	LE	1	2	2	30	19S	38E	670487	3612566*	100	52	48
L 02123	L	LE		4	4	4	27	19S	38E	675534	3611240*	96	54	42
L 02162	L	LE		3	4	3	01	19S	38E	677649	3617727*	100	45	55

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 02175	L	LE		1	1	05	19S	38E	670885	3618918*		80	27	53
L 02233	L	LE		1	3	05	19S	38E	670899	3618112*		104	28	76
L 02262	L	LE		1	1	2 10	19S	38E	674839	3617475*		130		
L 02263	L	LE		2	1	1 05	19S	38E	670984	3619017*		112	28	84
L 02265	L	LE		3	2	2 05	19S	38E	671994	3618837*		50	50	0
L 02298	L	LE		2	4	2 05	19S	38E	672200	3618634*		63	30	33
L 02320	L	LE		3	3	3 03	19S	38E	674028	3617664*		65	40	25
L 02328	L	LE		2	1	08	19S	38E	671315	3617314*		100	22	78
L 02389	L	LE		3	3	4 19	19S	38E	670078	3612762*		92	30	62
L 02410	L	LE		1	1	1 05	19S	38E	670784	3619017*		80	26	54
L 02411	L	LE		2	2	09	19S	38E	673732	3617355*		92	44	48
L 02425	L	LE		3	2	05	19S	38E	671698	3618529*		80	40	40
L 02433	L	LE		1	4	2 05	19S	38E	672000	3618634*		60	30	30
L 02477	L	LE		4	4	2 34	19S	38E	675546	3610435*		80	46	34
L 02511	L	LE		2	1	3 02	19S	38E	675831	3618294*		80	50	30
L 02536	L	LE		3	2	04	19S	38E	673310	3618556*		96	46	50
L 02541	L	LE		2	2	2 02	19S	38E	677026	3619120*		76	55	21
L 02546	L	LE		4	4	4 35	19S	38E	677168	3609657*				
L 02560	L	LE		3	3	2 05	19S	38E	671597	3618428*		60	34	26
L 02569	L	LE		2	2	2 19	19S	38E	670661	3614178*		100	54	46
L 02569 S	L	LE		2	2	19	19S	38E	670562	3614079*		96	40	56
L 02570	L	LE		4	4	4 03	19S	38E	675435	3617684*		80	45	35
L 02582	L	LE		4	4	2 34	19S	38E	675546	3610435*		80	57	23
L 02589	L	LE		2	4	1 05	19S	38E	671394	3618621*		105		
L 02590	L	LE		2	4	1 05	19S	38E	671394	3618621*		60	30	30
L 02591	L	LE		4	2	2 05	19S	38E	672194	3618837*		85	40	45
L 02594	L	LE			2	05	19S	38E	671899	3618730*		115	65	50
L 02625	L	LE		3	4	2 34	19S	38E	675346	3610435*		60	40	20
L 02640	L	LE		1	3	10	19S	38E	674147	3616556*		95	50	45

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L 02643	L	LE		3	1	3	01	19S	38E	677241	3618122*	80	40	40
L 02644	L	LE		3	1	3	01	19S	38E	677241	3618122*	80	44	36
L 02646	L	LE		2	2	2	05	19S	38E	672194	3619037*	80	35	45
L 02667	L	LE			4		15	19S	38E	675184	3614757*	106	70	36
L 02689	L	LE		4	4	4	15	19S	38E	675485	3614461*	83	49	34
L 02736	L	LE			2		05	19S	38E	671899	3618730*	100	56	44
L 02746	L	LE			2		22	19S	38E	675197	3613951*	110	60	50
L 02776	L	LE		2	4	2	02	19S	38E	677032	3618717*	85	50	35
L 02795	L	LE		2	1	1	02	19S	38E	675819	3619099*	85	60	25
L 02797	L	LE			3	4	03	19S	38E	674933	3617779*	100	50	50
L 02800	L	LE		4	4	4	04	19S	38E	673825	3617657*	85	40	45
L 02829	L	LE		2	1	1	34	19S	38E	674334	3611017*	68	35	33
L 02833	L	LE		2	1	3	01	19S	38E	677441	3618322*	68	50	18
L 02839	L	LE		1	3	2	05	19S	38E	671597	3618628*	60	29	31
L 02865	L	LE		2	3	2	03	19S	38E	675020	3618683*	125	54	71
L 02867	L	LE			4	2	02	19S	38E	676933	3618618*	90	50	40
L 02868	L	LE		1	4	4	03	19S	38E	675235	3617884*	103	42	61
L 02883	L	LE		2	1	3	01	19S	38E	677441	3618322*	115		
L 02883	R	L	LE	2	1	3	01	19S	38E	677441	3618322*	115		
L 02883 POD2	L	LE		1	1	3	01	19S	38E	677241	3618322*	120	58	62
L 02897	L	LE		4	1	3	01	19S	38E	677441	3618122*	100	50	50
L 02939	L	LE		3	3	3	02	19S	38E	675637	3617691*	120	40	80
L 02960	L	LE		2	2	3	01	19S	38E	677843	3618329*	90	60	30
L 02966	L	LE		2	2	2	05	19S	38E	672194	3619037*	43	27	16
L 02978	L	LE		1	4	1	34	19S	38E	674542	3610621*	54	35	19
L 02982	L	LE		3	4	2	04	19S	38E	673612	3618462*	100	35	65
L 02985	L	LE		3	3	1	05	19S	38E	670791	3618414*	122	40	82
L 02990	L	LE		3	4	4	01	19S	38E	678454	3617741*	110	80	30
L 03010	L	LE		2	3	2	02	19S	38E	676630	3618710*	113	65	48

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(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 03054	L	LE					23	19S	38E	676416	3613561*	95	50	45
L 03082	L	LE				2	05	19S	38E	671899	3618730*	80	28	52
L 03084	L	LE		2	4	3	03	19S	38E	674630	3617871*	95	40	55
L 03091	L	LE		2	1	1	35	19S	38E	675942	3611044*	117	58	59
L 03127	L	LE		2	1	2	05	19S	38E	671791	3619030*	100	40	60
L 03183	L	LE		4	2	1	05	19S	38E	671387	3618823*			
L 03183 POD2	R	L	LE	2	2	1	05	19S	38E	671387	3619023*	120	35	85
L 03196	L	LE		2	2	1	02	19S	38E	676221	3619106*	78	56	22
L 03198	L	LE		4	2	3	15	19S	38E	674674	3614851*	100	15	85
L 03223	L	LE		2	3	2	05	19S	38E	671797	3618628*	42	27	15
L 03224	L	LE		1	1	1	35	19S	38E	675742	3611044*	80	55	25
L 03248	L	LE		4	4	4	15	19S	38E	675485	3614461*	123	48	75
L 03248	R	L	LE	4	4	4	15	19S	38E	675485	3614461*	123	48	75
L 03248 POD2	R	L	LE		3	4	15	19S	38E	674983	3614556*		42	
L 03248 POD4	L	LE		1	3	4	15	19S	38E	674882	3614655*	135	60	75
L 03248 POD5	L	LE			3	4	15	19S	38E	674983	3614556*	133	75	58
L 03248 POD6	L	LE				4	15	19S	38E	675184	3614757*	115	57	58
L 03248 S	R	L	LE		3	4	15	19S	38E	674983	3614556*	135	42	93
L 03325	L	LE		2	2	2	34	19S	38E	675540	3611037*	70	18	52
L 03330	L	LE		3	4	4	03	19S	38E	675235	3617684*	100	40	60
L 03337	L	LE		4	3	1	05	19S	38E	670991	3618414*	124	32	92
L 03342	R	L	LE	2	1	2	10	19S	38E	675039	3617475*	100		
L 03342 POD2	L	LE		2	1	2	10	19S	38E	675039	3617475*	150	62	88
L 03424	L	LE			1	2	21	19S	38E	673380	3614126*	102	45	57
L 03433	L	LE			4	4	27	19S	38E	675435	3611341*	100	55	45
L 03458	L	LE			2	1	17	19S	38E	671341	3615703*	100	24	76
L 03467	L	LE		1	1	4	11	19S	38E	676461	3616697*	100	50	50
L 03508	L	LE		3	4	4	01	19S	38E	678454	3617741*	110	78	32
L 03510 POD3	R	L	LE			1	01	19S	38E	677537	3618826*	205		

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POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 03510 POD4	R	L	LE	2	01	19S	38E			678341	3618841*	225		
L 03510 S	R	L	LE	2	1	4	35	19S	38E	676759	3610253*	108	55	53
L 03511		L	LE	1	4	4	35	19S	38E	676968	3609857*	100	46	54
L 03511	R	L	LE	1	4	4	35	19S	38E	676968	3609857*	100	46	54
L 03535		L	LE	2	4	02	19S	38E		676940	3618216*	100	40	60
L 03540 POD1		L	LE	4	3	35	19S	38E		676264	3609744*	115	60	55
L 03558		L	LE	2	2	2	34	19S	38E	675540	3611037*	85	45	40
L 03575		L	LE	4	4	1	15	19S	38E	674667	3615254*	110	51	59
L 03588		L	LE	2	2	2	34	19S	38E	675540	3611037*	96	52	44
L 03658		L	LE	1	3	14	19S	38E		675782	3614972*	120	50	70
L 03679		L	LE			02	19S	38E		676341	3618395*	85	45	40
L 03689		L	LE	1	3	3	01	19S	38E	677247	3617919*	100	48	52
L 03714		L	LE	4	3	4	03	19S	38E	675032	3617678*	85	40	45
L 03725		L	LE	3	3	01	19S	38E		677348	3617820*	75	55	20
L 03747		L	LE	1	05	19S	38E			671093	3618716*	100	38	62
L 03760		L	LE	2	2	1	05	19S	38E	671387	3619023*	100	30	70
L 03780		L	LE	4	2	02	19S	38E		676933	3618618*	110	50	60
L 03808		L	LE	4	3	4	03	19S	38E	675032	3617678*	100	40	60
L 03865		L	LE	2	2	2	05	19S	38E	672194	3619037*	50	29	21
L 03879		L	LE	2	1	05	19S	38E		671288	3618924*	60	40	20
L 03880		L	LE	1	05	19S	38E			671093	3618716*	60	40	20
L 03897		L	LE	1	05	19S	38E			671093	3618716*	60	40	20
L 03913		L	LE	3	2	3	23	19S	38E	676108	3613267*	100	60	40
L 03942		L	LE	2	1	2	02	19S	38E	676624	3619113*	92	70	22
L 03955		L	LE	2	2	2	34	19S	38E	675540	3611037*	100	58	42
L 03971		L	LE	3	3	02	19S	38E		675738	3617792*	100	35	65
L 04004		L	LE	3	1	2	02	19S	38E	676424	3618913*	80	45	35
L 04033		L	LE	2	1	1	06	19S	38E	669387	3618988*	110	42	68
L 04048	R	L	LE	1	2	4	01	19S	38E	678448	3618344*	120	70	50

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 04048 POD2	L	LE		2	4	01	19S	38E		678549	3618245*	140	65	75
L 04063	L	LE		4	2	05	19S	38E		672101	3618535*	70	35	35
L 04065	R	L	LE	2	1	3	01	19S	38E	677441	3618322*	100	48	52
L 04065 POD2	L	LE		2	1	3	01	19S	38E	677441	3618322*	150	145	5
L 04078	L	LE					05	19S	38E	671509	3618312*	65	40	25
L 04091	L	LE		4	3	4	27	19S	38E	675132	3611233*	178	178	0
L 04100	L	LE		2	2	2	02	19S	38E	677026	3619120*	88	67	21
L 04107	L	LE		2	2	4	15	19S	38E	675478	3615064*	112	60	52
L 04113	L	LE		4	4	4	27	19S	38E	675534	3611240*	70	55	15
L 04114	L	LE		1	1	1	05	19S	38E	670784	3619017*	85	24	61
L 04138	L	LE		2	2	4	08	19S	38E	672233	3616621*	85	30	55
L 04141	L	LE				1	05	19S	38E	671093	3618716*	70	35	35
L 04181	L	LE		4	3	03	19S	38E		674531	3617772*	75	48	27
L 04190	L	LE		1	1	2	02	19S	38E	676424	3619113*	90	67	23
L 04208	L	LE		1	1	1	07	19S	38E	669198	3617376*	118	85	33
L 04215	L	LE		2	4	2	05	19S	38E	672200	3618634*	75	35	40
L 04218	L	LE		1	3	3	01	19S	38E	677247	3617919*	140	53	87
L 04218	R	L	LE	1	3	3	01	19S	38E	677247	3617919*	140	53	87
L 04218 POD2	L	LE		2	3	3	01	19S	38E	677447	3617919*	128	55	73
L 04273	L	LE		4	4	2	34	19S	38E	675546	3610435*	100	56	44
L 04280	L	LE		4	1	1	05	19S	38E	670984	3618817*	80	45	35
L 04284	L	LE					01	19S	38E	677951	3618423*	100	45	55
L 04316	L	LE		4	3	03	19S	38E		674531	3617772*	72	49	23
L 04317	L	LE		4	3	03	19S	38E		674531	3617772*	72	50	22
L 04335	L	LE		4	4	16	19S	38E		673776	3614535*	110	35	75
L 04371	L	LE		1	3	2	12	19S	38E	678064	3617128*	136	89	47
L 04372	L	LE			3	4	01	19S	38E	678153	3617835*	80	30	50
L 04385	L	LE		4	3	3	01	19S	38E	677447	3617719*	100	68	32
L 04416	L	LE		1	1	1	35	19S	38E	675742	3611044*	100	71	29

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 04417	L	LE		1	4	4	01	19S	38E	678454	3617941*	110	72	38
L 04455	L	LE		1	2	3	01	19S	38E	677643	3618329*	120	75	45
L 04473 POD2	L	LE		2	2	1	35	19S	38E	676345	3611051*	126	85	41
L 04489	L	LE		3	1	4	15	19S	38E	674876	3614857*	100	41	59
L 04527	L	LE		2	2	2	02	19S	38E	677026	3619120*	88	70	18
L 04532	L	LE		2	1	35	19S	38E	676246	3610952*		120		
L 04532 POD2	L	LE		3	2	1	35	19S	38E	676145	3610851*	120	75	45
L 04532 POD3	L	LE		3	1	35	19S	38E	675850	3610543*		110	47	63
L 04534	L	LE		1	1	1	35	19S	38E	675742	3611044*	100	60	40
L 04539	L	LE		4	2	4	15	19S	38E	675478	3614864*	100	48	52
L 04600	L	LE		3	2	2	02	19S	38E	676826	3618920*	100	48	52
L 04612	L	LE		4	2	2	05	19S	38E	672194	3618837*	100	32	68
L 04616	L	LE		2	4	3	03	19S	38E	674630	3617871*	100	36	64
L 04622	L	LE		2	2	4	15	19S	38E	675478	3615064*	70	46	24
L 04635	L	LE		2	2	1	03	19S	38E	674611	3619079*	100	44	56
L 04647	L	LE		3	1	1	35	19S	38E	675742	3610844*	85	48	37
L 04652	L	LE		3	1	3	01	19S	38E	677241	3618122*	100	47	53
L 04657	L	LE		2	1	05	19S	38E	671288	3618924*		70	30	40
L 04678	L	LE		4	4	2	34	19S	38E	675546	3610435*	100	50	50
L 04697	L	LE		2	2	1	35	19S	38E	676345	3611051*	100		
L 04698	L	LE		2	2	2	02	19S	38E	677026	3619120*	100	63	37
L 04758	L	LE		1	1	2	05	19S	38E	671591	3619030*	85	42	43
L 04791	L	LE					28	19S	38E	673222	3611896*	90	40	50
L 04833	L	LE		3	3	22	19S	38E	674203	3612931*		115	50	65
L 04867	L	LE		2	3	1	05	19S	38E	670991	3618614*	70	25	45
L 04868	R	L	LE	4	4	2	06	19S	38E	670589	3618406*	106	88	18
L 04868 POD2	L	LE		4	4	2	06	19S	38E	670589	3618406*	154	90	64
L 04978	L	LE		2	2	16	19S	38E	673757	3615744*		102	46	56
L 05005	L	LE		4	1	4	22	19S	38E	675101	3613246*	84	45	39

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POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column	
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng						
L 05013	L	LE	2	4	15	19S	38E	675379	3614965*		100	47	53		
L 05154	L	LE	4	4	2	34	19S	38E	675546	3610435*		100	35	65	
L 05166	L	LE		1	05	19S	38E	671093	3618716*		100	50	50		
L 05210	L	LE	3	1	4	25	19S	38E	678144	3611692*		100	56	44	
L 05212	L	LE	3	3	1	35	19S	38E	675749	3610442*		100	56	44	
L 05219	L	LE	3	1	1	35	19S	38E	675742	3610844*		100	35	65	
L 05244	L	LE	1	4	4	25	19S	38E	678553	3611496*		107	60	47	
L 05304	L	LE		2	05	19S	38E	671899	3618730*		85	35	50		
L 05375	L	LE	4	4	2	34	19S	38E	675546	3610435*		100	56	44	
L 05408	L	LE	4	2	4	15	19S	38E	675478	3614864*		142	52	90	
L 05485	L	LE	3	4	1	02	19S	38E	676027	3618503*		125	60	65	
L 05560	L	LE	2	1	1	05	19S	38E	670984	3619017*		115	33	82	
L 05610	L	LE		4	25	19S	38E	678452	3611591*		105	65	40		
L 05641	L	LE	1	1	35	19S	38E	675843	3610945*		100	60	40		
L 05644	L	LE	3	3	3	01	19S	38E	677247	3617719*		150	65	85	
L 05677	L	LE	1	3	2	10	19S	38E	674845	3617072*		125	44	81	
L 05677	R	L	LE	1	3	2	10	19S	38E	674845	3617072*		125	44	81
L 05677 POD2	L	LE		3	1	11	19S	38E	675751	3616986*		125	65	60	
L 05687	L	LE	4	2	2	05	19S	38E	672194	3618837*		100	35	65	
L 05707	L	LE		2	4	04	19S	38E	673719	3618161*		121	50	71	
L 05725	L	LE	3	2	3	15	19S	38E	674474	3614851*		98	45	53	
L 05725 POD2	L	LE	3	2	3	15	19S	38E	674474	3614851*		120	58	62	
L 05777	L	LE	3	4	2	05	19S	38E	672000	3618434*		100	40	60	
L 05789	L	LE	2	1	2	27	19S	38E	675113	3612641*		87	50	37	
L 05826	R	L	LE	2	4	01	19S	38E	678549	3618245*		125	65	60	
L 05826 POD2	L	LE	2	4	01	19S	38E	678549	3618245*		190	185	5		
L 05836	L	LE	4	4	3	35	19S	38E	676363	3609643*		123	75	48	
L 05877	L	LE	2	4	28	19S	38E	673820	3611716*		100	55	45		
L 06081	L	LE		4	27	19S	38E	675234	3611535*		100	55	45		

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L 06097	L	LE		4	2	04	19S	38E		673713	3618563*	100	65	35
L 06101	L	LE		4	15		19S	38E		675184	3614757*	100	38	62
L 06101 POD2	L	LE		4	15		19S	38E		675184	3614757*	100	38	62
L 06164	L	LE	2	2	4	02	19S	38E		677039	3618315*	100	49	51
L 06181 POD2	L	LE	4	1	4	01	19S	38E		678245	3618137*	148	107	41
L 06192	L	LE	2	3	03		19S	38E		674525	3618175*	125	60	65
L 06197 POD2	L	LE	4	2	4	01	19S	38E		678648	3618144*	170	160	10
L 06300	L	LE	3	3	01		19S	38E		677348	3617820*	150	70	80
L 06308	L	LE	2	1	05		19S	38E		671288	3618924*	95	36	59
L 06309	L	LE	4	2	1	05	19S	38E		671387	3618823*	80	35	45
L 06331	L	LE	3	4	01		19S	38E		678153	3617835*	130	35	95
L 06609	L	LE	4	4	4	27	19S	38E		675534	3611240*	128	60	68
L 06612	L	LE	3	2	2	26	19S	38E		676924	3612476*	125	80	45
L 06644	L	LE	2	2	2	30	19S	38E		670687	3612566*	60	38	22
L 06712	R	L	LE	3	4	01	19S	38E		678153	3617835*	125	40	85
L 06712 POD2	L	LE	3	4	01		19S	38E		678153	3617835*	164	82	82
L 06718	L	LE	3	05			19S	38E		671107	3617910*	80	28	52
L 06733	L	LE	4	2	4	15	19S	38E		675478	3614864*	123	50	73
L 06747	L	LE	4	1	05		19S	38E		671295	3618522*	80	28	52
L 06759	L	LE				15	19S	38E		674781	3615145*	100	45	55
L 06780	L	LE	1	2	2	02	19S	38E		676826	3619120*	130	72	58
L 06792	L	LE	4	4	1	15	19S	38E		674667	3615254*	100	51	49
L 06806	L	LE	4	2	05		19S	38E		672101	3618535*	85	35	50
L 06858	L	LE	3	2	15		19S	38E		674971	3615361*	100	45	55
L 06898	L	LE	4	4	4	01	19S	38E		678654	3617741*	135	75	60
L 06902	L	LE	1	3	03		19S	38E		674122	3618168*	150	53	97
L 06922	L	LE	2	2	3	15	19S	38E		674674	3615051*	100	50	50
L 06923	L	LE	2	1	4	01	19S	38E		678245	3618337*	150	72	78
L 06985	L	LE	2	1	1	35	19S	38E		675942	3611044*	98	66	32

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(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 07000	L	LE		3	02	19S	38E			675939	3617993*	25	14	11
L 07001	L	LE		3	02	19S	38E			675939	3617993*	60	14	46
L 07002	L	LE		3	02	19S	38E			675939	3617993*	44	14	30
L 07014	L	LE		1	01	19S	38E			677537	3618826*	150	65	85
L 07015	L	LE		3	01	19S	38E			677549	3618021*	150	72	78
L 07043	L	LE		1	05	19S	38E			671093	3618716*	150	28	122
L 07052	L	LE		2	2	02	19S	38E		676927	3619021*	126	68	58
L 07104	L	LE		2	05	19S	38E			671899	3618730*	120	30	90
L 07168	L	LE		4	01	19S	38E			678354	3618036*	115	91	24
L 07176	L	LE	3	3	1	03	19S	38E		674014	3618469*	100	52	48
L 07207	L	LE	3	2	1	05	19S	38E		671187	3618823*		31	
L 07238	L	LE	2	1	2	10	19S	38E		675039	3617475*	120	48	72
L 07242	R	L	LE	2	2	2	09	19S	38E	673831	3617454*	130	60	70
L 07242 POD2	L	LE	2	2	2	09	19S	38E		673831	3617454*	141	65	76
L 07247	L	LE	1	2	05	19S	38E			671692	3618931*	71	36	35
L 07252	L	LE	1	1	3	01	19S	38E		677241	3618322*	100	46	54
L 07297	L	LE	3	4	4	03	19S	38E		675235	3617684*	150	45	105
L 07327	L	LE	3	4	2	34	19S	38E		675346	3610435*	75	45	30
L 07349	L	LE	1	1	35	19S	38E			675843	3610945*	111	62	49
L 07352	L	LE	3	1	35	19S	38E			675850	3610543*	110	70	40
L 07357	L	LE	4	4	15	19S	38E			675386	3614562*	101		
L 07359	L	LE	1	1	1	15	19S	38E		674059	3615850*	117	57	60
L 07360	L	LE	1	1	1	35	19S	38E		675742	3611044*	107	67	40
L 07379	L	LE	3	2	4	15	19S	38E		675278	3614864*	120	44	76
L 07381	L	LE	4	15	19S	38E				675184	3614757*	100	50	50
L 07393	L	LE	4	1	05	19S	38E			671295	3618522*	120	32	88
L 07467	L	LE	4	4	05	19S	38E			672114	3617730*	100	38	62
L 07480	L	LE	1	1	35	19S	38E			675843	3610945*	115	65	50
L 07491	L	LE	3	1	35	19S	38E			675850	3610543*	120		

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POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column	
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng						
L 07502	L	LE	1	1	1	02	19S	38E	675619	3619099*		110			
L 07512	L	LE			4	15	19S	38E	675184	3614757*		100	32	68	
L 07521	L	LE	3	1	2	04	19S	38E	673202	3618858*		300			
L 07522	L	LE	4	1	1	03	19S	38E	674208	3618872*		350			
L 07538	L	LE	3	1	2	05	19S	38E	671591	3618830*		360			
L 07539	L	LE	3	2	2	05	19S	38E	671994	3618837*		360			
L 07540	L	LE	1	1	1	04	19S	38E	672397	3619044*		350			
L 07573	L	LE		2	1	30	19S	38E	669784	3612454*		120	50	70	
L 07608	L	LE	2	3	2	05	19S	38E	671797	3618628*		75	28	47	
L 07625	L	LE	1	4	2	05	19S	38E	672000	3618634*		100	48	52	
L 07661	L	LE		2	3	03	19S	38E	674525	3618175*		150	65	85	
L 07708	L	LE		2	1	01	19S	38E	677732	3619035*		140	95	45	
L 07758	L	LE	1	2	4	03	19S	38E	675229	3618287*		130	58	72	
L 07782	L	LE	1	2	1	05	19S	38E	671187	3619023*		150	45	105	
L 07847	L	LE		4	4	19	19S	38E	670581	3612870*		80	65	15	
L 07856	L	LE		2	3	05	19S	38E	671302	3618119*		100	48	52	
L 07882	L	LE	1	1	4	15	19S	38E	674876	3615057*		100	32	68	
L 07888	L	LE	4	3	1	05	19S	38E	670991	3618414*		110	48	62	
L 07968	L	LE	2	2	4	27	19S	38E	675528	3611843*		130	65	65	
L 07970	L	LE	3	3	4	35	19S	38E	676565	3609650*		140	85	55	
L 07970	R	L	LE	3	3	4	35	19S	38E	676565	3609650*		140	85	55
L 07976	L	LE		4	2	30	19S	38E	670595	3612065*		81	48	33	
L 07987	L	LE		4	2	30	19S	38E	670595	3612065*		81	48	33	
L 08037	L	LE		4	1	05	19S	38E	671295	3618522*		100	50	50	
L 08046	L	LE	4	4	2	15	19S	38E	675472	3615267*		130	58	72	
L 08094	L	LE		3	4	01	19S	38E	678153	3617835*		130	48	82	
L 08099	L	LE	3	4	3	35	19S	38E	676163	3609643*		101	43	58	
L 08103	L	LE	3	3	3	35	19S	38E	675761	3609636*		92	45	47	
L 08122	L	LE	3	3	3	35	19S	38E	675761	3609636*		92	42	50	

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 08130	L	LE		3	4	3	35	19S	38E	676163	3609643*	92	42	50
L 08132	L	LE		2	4	3	35	19S	38E	676363	3609843*	92	42	50
L 08134	L	LE		3	4	3	35	19S	38E	676163	3609643*	92	42	50
L 08137	L	LE		1	3	3	35	19S	38E	675761	3609836*	92	42	50
L 08138	L	LE		1	3	3	35	19S	38E	675761	3609836*	97	48	49
L 08144	L	LE		3	3	3	35	19S	38E	675761	3609636*	98	55	43
L 08158	L	LE		4	4	2	04	19S	38E	673812	3618462*	130	44	86
L 08167	L	LE		2	1	1	10	19S	38E	674234	3617461*	130	38	92
L 08183	L	LE		2	4	2	05	19S	38E	672200	3618634*	94		
L 08212	L	LE		4	3	3	23	19S	38E	675912	3612857*	121	60	61
L 08235	L	LE				1	05	19S	38E	671093	3618716*	135	70	65
L 08250	L	LE		2	4	3	14	19S	38E	676289	3614675*	125	80	45
L 08279	L	LE			4	3	15	19S	38E	674581	3614549*	130	58	72
L 08280	L	LE			3	4	15	19S	38E	674983	3614556*	130	58	72
L 08280	R	L	LE		3	4	15	19S	38E	674983	3614556*	130	58	72
L 08300	L	LE			2	2	27	19S	38E	675416	3612549*	102	48	54
L 08317	L	LE		1	1	1	04	19S	38E	672397	3619044*	150	50	100
L 08352	L	LE			4	4	15	19S	38E	675386	3614562*	118	50	68
L 08363	L	LE			3	4	15	19S	38E	674983	3614556*	130	58	72
L 08375	L	LE		3	4	2	10	19S	38E	675247	3616879*	150	84	66
L 08422	L	LE		3	1	3	11	19S	38E	675656	3616482*	150	65	85
L 08446	L	LE		4	2	2	29	19S	38E	672297	3612394*	120	42	78
L 08449	L	LE				3	35	19S	38E	676063	3609938*	100	40	60
L 08455	L	LE		1	3	3	35	19S	38E	675761	3609836*	130	78	52
L 08522	L	LE			4	3	35	19S	38E	676264	3609744*	120	52	68
L 08539	R	L	LE	2	4	4	01	19S	38E	678654	3617941*	150	100	50
L 08539 POD2	R	L	LE		4	4	01	19S	38E	678555	3617842*	200	60	140
L 08539 POD3		L	LE	4	4	4	01	19S	38E	678593	3617801	215		
L 08568	L	LE		4	4	3	35	19S	38E	676363	3609643*	95	40	55

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 08569	L	LE		4	4	3	35	19S	38E	676363	3609643*	80	40	40
L 08570	L	LE		4	4	3	35	19S	38E	676363	3609643*	80	40	40
L 08571	L	LE		4	4	3	35	19S	38E	676363	3609643*	88	41	47
L 08572	L	LE		1	1	1	35	19S	38E	675742	3611044*	110	62	48
L 08576	L	LE		3	4	4	01	19S	38E	678454	3617741*	145	85	60
L 08596	L	LE			3	4	35	19S	38E	676666	3609751*	80	40	40
L 08612	L	LE			4	2	34	19S	38E	675447	3610536*	105	65	40
L 08613	L	LE			4	2	34	19S	38E	675447	3610536*	105	60	45
L 08614	L	LE			2	2	26	19S	38E	677025	3612577*	140	70	70
L 08620	L	LE		2	3	1	35	19S	38E	675949	3610642*	112	60	52
L 08621	L	LE		2	3	1	35	19S	38E	675949	3610642*	107	60	47
L 08634	L	LE		1	4	1	35	19S	38E	676151	3610649*	106	60	46
L 08641	L	LE			4	1	35	19S	38E	676252	3610550*	112	66	46
L 08649	L	LE			2	05		19S	38E	671899	3618730*	100	29	71
L 08672	L	LE		1	3	3	35	19S	38E	675761	3609836*	100	70	30
L 08740	L	LE			1	11		19S	38E	675952	3617187*	110	42	68
L 08844	L	LE		1	1	3	35	19S	38E	675755	3610239*	105	55	50
L 08844	R	L	LE	1	1	3	35	19S	38E	675755	3610239*	105	55	50
L 08844 POD2	L	LE		1	1	3	35	19S	38E	675755	3610239*	105	80	25
L 08855	R	L	LE	1	2	2	27	19S	38E	675315	3612648*	107	55	52
L 08855 POD2	L	LE		1	2	2	27	19S	38E	675315	3612648*	105	55	50
L 08871	L	LE		2	2	4	27	19S	38E	675528	3611843*	105	63	42
L 08881	L	LE		2	2	3	35	19S	38E	676357	3610246*	110	60	50
L 08890	L	LE			1	22		19S	38E	674392	3613938*	130	130	0
L 08907	L	LE		3	3	3	35	19S	38E	675761	3609636*	100	35	65
L 08938	L	LE		4	4	3	35	19S	38E	676363	3609643*	90	60	30
L 08940	L	LE			2	2	30	19S	38E	670588	3612467*	90	70	20
L 08992	L	LE		4	1	2	27	19S	38E	675113	3612441*	100	54	46
L 08999	L	LE		3	3	3	35	19S	38E	675761	3609636*	100	53	47

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 09009	L	LE		2	1	4	27	19S	38E	675126	3611836*	100	54	46
L 09018	L	LE		4	1	4	15	19S	38E	675076	3614857*	100	32	68
L 09037	L	LE		3	2	3	35	19S	38E	676157	3610046*	100	48	52
L 09038	R	L	LE	2	1	4	27	19S	38E	675126	3611836*	100	55	45
L 09038 POD2	L	LE		2	1	4	27	19S	38E	675126	3611836*	84	50	34
L 09074	L	LE		1	3	2	27	19S	38E	674919	3612239*	100	55	45
L 09081	L	LE		2	3	2	27	19S	38E	675119	3612239*	100	55	45
L 09114	L	LE		2	1	2	27	19S	38E	675113	3612641*	100	55	45
L 09164	L	LE		2	1	4	27	19S	38E	675126	3611836*	100	80	20
L 09182	L	LE		3	2	2	30	19S	38E	670487	3612366*	100	48	52
L 09205	L	LE		3	1	2	27	19S	38E	674913	3612441*	108	55	53
L 09208	L	LE		1	1	2	27	19S	38E	674913	3612641*	105	56	49
L 09227	L	LE			3	4	01	19S	38E	678153	3617835*	130	82	48
L 09241	L	LE				4	01	19S	38E	678354	3618036*	130	78	52
L 09254	L	LE		2	3	4	01	19S	38E	678252	3617934*	130	82	48
L 09282	L	LE		3	1	1	01	19S	38E	677228	3618927*	140	65	75
L 09285	L	LE		3	1	4	01	19S	38E	678045	3618137*	155	58	97
L 09302	L	LE			2	3	27	19S	38E	674624	3611730*	96	48	48
L 09310	L	LE		4	1	4	15	19S	38E	675076	3614857*	120	58	62
L 09481	L	LE				4	27	19S	38E	675234	3611535*	92	65	27
L 09486	L	LE		4	2	3	15	19S	38E	674674	3614851*	132	74	58
L 09493	L	LE		4	2	4	01	19S	38E	678648	3618144*	155	80	75
L 09501	L	LE		2	2	3	27	19S	38E	674723	3611829*	92	40	52
L 09573	L	LE		2	2	2	27	19S	38E	675515	3612648*	92	57	35
L 09606	L	LE		3	3	2	27	19S	38E	674919	3612039*	100	56	44
L 09608	L	LE		2	4	4	01	19S	38E	678654	3617941*	138	63	75
L 09620	L	LE		2	2	1	27	19S	38E	674711	3612634*	98	60	38
L 09663	L	LE		1	3	2	35	19S	38E	676553	3610656*	98	60	38
L 09664	L	LE			2	1	27	19S	38E	674612	3612535*	100	45	55

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 09702	L	LE		1	2	27	19S	38E		675014	3612542*	89	60	29
L 09703	L	LE		1	2	27	19S	38E		675014	3612542*	104	65	39
L 09707	L	LE		2	2	27	19S	38E		675416	3612549*	100	46	54
L 09720	L	LE		4	15		19S	38E		675184	3614757*	100	65	35
L 09758	L	LE		2	30		19S	38E		670394	3612259*	130	80	50
L 09773	L	LE		3	2	27	19S	38E		675020	3612140*	104	65	39
L 09776	L	LE		2	1	27	19S	38E		674612	3612535*	103	52	51
L 09783	L	LE		2	27		19S	38E		675221	3612341*	102	35	67
L 09821	L	LE		4	15		19S	38E		675184	3614757*	100	51	49
L 09825	L	LE		3	2	27	19S	38E		675020	3612140*	91	65	26
L 09836	L	LE		3	4	4	27	19S	38E	675334	3611240*	98	57	41
L 09839	L	LE		3	1	3	03	19S	38E	674021	3618067*	150	60	90
L 09844	L	LE		4	4	01	19S	38E		678555	3617842*	150	95	55
L 09845	L	LE		4	4	3	01	19S	38E	677849	3617727*	150	80	70
L 09858	L	LE		3	1	1	01	19S	38E	677228	3618927*	178	63	115
L 09868	L	LE		2	1	27	19S	38E		674612	3612535*	103	52	51
L 09872	L	LE		3	3	01	19S	38E		677348	3617820*	150	95	55
L 09896	L	LE		4	15		19S	38E		675184	3614757*	100	38	62
L 09930	L	LE		4	2	4	01	19S	38E	678648	3618144*	140	80	60
L 09995	L	LE		4	4	1	27	19S	38E	674717	3612032*	94	65	29
L 10011	L	LE		1	1	14	19S	38E		675769	3615778*	140	60	80
L 10023	L	LE		4	3	3	05	19S	38E	671005	3617608*	125	20	105
L 10034	L	LE		2	3	01	19S	38E		677744	3618230*	150	68	82
L 10046	L	LE		4	15		19S	38E		675184	3614757*	120	70	50
L 10060	L	LE		4	4	25	19S	38E		678654	3611397*	115	58	57
L 10111	L	LE				01	19S	38E		677951	3618423*	154	88	66
L 10130	L	LE		2	4	1	27	19S	38E	674717	3612232*	96	40	56
L 10132	L	LE		2	4	1	27	19S	38E	674717	3612232*	91	40	51
L 10138	L	LE		4	3	4	14	19S	38E	676691	3614482*	180	60	120

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(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 10138 S	L	LE		3	4	14	19S	38E		676592	3614583*	115		
L 10138 S2	L	LE		4	4	14	19S	38E		676995	3614591*	178		
L 10159	L	LE		4	1	3	05	19S	38E	670998	3618011*	150	20	130
L 10210	L	LE		3	4	4	01	19S	38E	678454	3617741*	150	100	50
L 10256	L	LE		1	1	35	19S	38E		675843	3610945*	105	65	40
L 10322	L	LE		4	2	4	15	19S	38E	675478	3614864*	133	44	89
L 10323	L	LE		1	1	35	19S	38E		675843	3610945*	100	80	20
L 10332	L	LE			4	01	19S	38E		678354	3618036*	168	73	95
L 10336	L	LE		3	1	3	06	19S	38E	669190	3617981*	150	90	60
L 10353	R	L	LE	4	4	4	27	19S	38E	675534	3611240*	100	100	0
L 10353 POD2	L	LE		4	4	4	27	19S	38E	675534	3611240*	98	57	41
L 10385	R	L	LE	4	1	2	27	19S	38E	675113	3612441*	100	45	55
L 10385 POD2	L	LE		4	1	2	27	19S	38E	675113	3612441*	98		
L 10417	L	LE		1	4	27	19S	38E		675027	3611737*	94	30	64
L 10425	L	LE		3	4	1	34	19S	38E	674542	3610421*	60	35	25
L 10451	L	LE		4	4	2	34	19S	38E	675546	3610435*	76	35	41
L 10466	L	LE			4	23	19S	38E		676818	3613174*	100	100	0
L 10475	L	LE		4	2	3	19	19S	38E	669870	3613158*	100	100	0
L 10490	L	LE				01	19S	38E		677951	3618423*	157	65	92
L 10503	L	LE			4	15	19S	38E		675184	3614757*	100	70	30
L 10509	L	LE			4	01	19S	38E		678354	3618036*	156	70	86
L 10520	L	LE		1	2	27	19S	38E		675014	3612542*	100	50	50
L 10523	L	LE		1	1	35	19S	38E		675843	3610945*	104	65	39
L 10536	L	LE		2	1	27	19S	38E		674612	3612535*	93		
L 10544	L	LE		1	1	14	19S	38E		675769	3615778*	120	54	66
L 10548	L	LE		1	4	27	19S	38E		675027	3611737*	99		
L 10555	L	LE		3	3	1	05	19S	38E	670791	3618414*	70		
L 10556	L	LE		3	3	1	05	19S	38E	670791	3618414*	55		
L 10592	L	LE			4	27	19S	38E		675234	3611535*	95	90	5

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L 10604	L	LE		1	2	27	19S	38E		675014	3612542*	98	52	46
L 10610	L	LE			4	27	19S	38E		675234	3611535*	100	52	48
L 10611	L	LE		1	30		19S	38E		669581	3612246*	97	50	47
L 10627	L	LE		1	4	27	19S	38E		675027	3611737*	93	52	41
L 10660	L	LE		1	27		19S	38E		674417	3612327*	102	63	39
L 10713	L	LE		2	35		19S	38E		676855	3610758*	113	79	34
L 10782	L	LE		2	27		19S	38E		675221	3612341*	100	52	48
L 10783	L	LE		4	01		19S	38E		678354	3618036*	188	90	98
L 10812	L	LE		4	27		19S	38E		675234	3611535*	100	44	56
L 10821	L	LE		2	2	30	19S	38E		670588	3612467*	61	37	24
L 10834	L	LE		1	1	1	35	19S	38E	675742	3611044*	132	60	72
L 10960	L	LE		4	3	01	19S	38E		677750	3617828*	160	85	75
L 10995	L	LE		4	3	01	19S	38E		677750	3617828*	180	35	145
L 10996	L	LE		4	3	01	19S	38E		677750	3617828*	180		
L 10997	L	LE		4	01		19S	38E		678354	3618036*	160	100	60
L 10998	L	LE		2	4	01	19S	38E		678549	3618245*	160	100	60
L 11001	L	LE		4	3	01	19S	38E		677750	3617828*	160	100	60
L 11003	L	LE		4	3	01	19S	38E		677750	3617828*	160	100	60
L 11006	L	LE		2	3	01	19S	38E		677744	3618230*	160		
L 11014	L	LE		2	34		19S	38E		675246	3610730*	128	67	61
L 11015	L	LE		3	4	15	19S	38E		674983	3614556*	120	45	75
L 11025	L	LE		2	35		19S	38E		676855	3610758*	103		
L 11043	L	LE		2	4	4	01	19S	38E	678654	3617941*	160	123	37
L 11059	L	LE		4	01		19S	38E		678354	3618036*	160	93	67
L 11060	L	LE		1	3	14	19S	38E		675782	3614972*	158		
L 11076	R	L	LE	2	3	01	19S	38E		677744	3618230*	160	91	69
L 11080	L	LE		1	06		19S	38E		669490	3618685*	168		
L 11097	L	LE		4	3	35	19S	38E		676264	3609744*	85		
L 11127	L	LE		3	3	3	22	19S	38E	674102	3612830*	108		

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POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 11145	L	LE		4	1	4	01	19S	38E	678245	3618137*	160	91	69
L 11150	L	LE		4	2	3	01	19S	38E	677843	3618129*	160		
L 11172	L	LE		4	2	1	27	19S	38E	674711	3612434*	101		
L 11222	L	LE		4	4	1	27	19S	38E	674717	3612032*	101		
L 11276	L	LE		2	2	3	23	19S	38E	676308	3613467*	134		
L 11300	L	LE		4	3	1	14	19S	38E	675875	3615274*	138		
L 11301	L	LE		1	2	1	27	19S	38E	674511	3612634*	102		
L 11327	L	LE		4	1	1	05	19S	38E	670984	3618817*	80	38	42
L 11328	L	LE		1	1	1	35	19S	38E	675742	3611044*	141		
L 11352	L	LE		2	1	4	07	19S	38E	670220	3616586*	98		
L 11384	L	LE		2	1	2	27	19S	38E	675113	3612641*	105		
L 11409	L	LE		3	1	3	11	19S	38E	675656	3616482*	175		
L 11413	L	LE		1	1	4	23	19S	38E	676510	3613474*	135	76	59
L 11450	L	LE		4	4	4	27	19S	38E	675534	3611240*	130		
L 11501	L	LE		1	1	1	35	19S	38E	675742	3611044*	140		
L 11506	L	LE		2	2	2	02	19S	38E	677026	3619120*	180	95	85
L 11510	L	LE			3	2	27	19S	38E	675020	3612140*	42		
L 11587	L	LE		2	4	1	22	19S	38E	674692	3613842*	136		
L 11593	L	LE		1	2	1	22	19S	38E	674486	3614245*	125		
L 11653	L	LE		4	4	2	06	19S	38E	670589	3618406*	233		
L 11694	L	LE		1	2	3	01	19S	38E	677643	3618329*	190	105	85
L 11714	L	LE		1	1	2	16	19S	38E	672870	3615817	43	20	23
L 11812	L	LE		3	3	3	26	19S	38E	675736	3611247*	130		
L 11813	L	LE		3	3	2	30	19S	38E	670092	3611957*	85		
L 11814	L	LE		3	3	3	26	19S	38E	675736	3611247*	120		
L 11820	L	LE		3	1	2	27	19S	38E	674913	3612441*	100		
L 11850	L	LE		2	2	1	27	19S	38E	674711	3612634*	95		
L 11991 POD1	L	LE		4	2	4	06	19S	38E	670678	3618398	145		
L 12011 POD1	L	LE		3	3	2	27	19S	38E	675012	3612090	95		

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POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 12016 POD1	L	LE		4	3	4	01	19S	38E	678226	3617662	200		
L 12058 POD1	L	LE		4	3	4	01	19S	38E	678252	3617662	205		
L 12154 POD1	L	LE		2	3	3	15	19S	38E	674361	3614592	160		
L 12226 POD1	L	LE		1	3	1	11	19S	38E	675572	3617158	173		
L 12228 POD1	L	LE		2	4	4	06	19S	38E	670596	3617848	120	32	88
L 12260 POD1	L	LE		3	1	4	01	19S	38E	677992	3618064	200		
L 12262 POD1	L	LE		4	4	3	01	19S	38E	677824	3617686	190	102	88
L 12306 POD1	L	LE		1	2	2	01	19S	38E	678520	3619241	235		
L 12308 POD1	L	LE		1	3	3	26	19S	38E	675766	3611470	134	68	66
L 12310 POD1	L	LE		3	3	3	26	19S	38E	669923	3629679	185	75	110
L 12343 POD1	L	LE		4	1	1	34	19S	38E	674434	3610730	66	42	24
L 12381 POD1	L	LE		3	1	2	27	19S	38E	675008	3612453	124		
L 12419 POD1	L	LE		1	1	1	35	19S	38E	675678	3611134	136		
L 12473 POD1	L	LE		2	1	2	27	19S	38E	643913	3612109	105	60	45
L 12489 POD1	L	LE		1	4	4	15	19S	38E	675240	3614669	160	100	60
L 12519 POD1	L	LE		4	3	4	01	19S	38E	678231	3617659	195		
L 12530 POD1	L	LE		3	3	2	27	19S	38E	675016	3612006	90		
L 12543 POD1	L	LE		2	1	3	35	19S	38E	676021	3610151	110		
L 12601 POD1	L	LE		1	1	4	15	19S	38E	674891	3615131	140		
L 12745 POD1	L	LE		4	2	4	27	19S	38E	675602	3611576	132	58	74
L 12746 POD1	L	LE		4	2	4	27	19S	38E	643913	3612109	128	58	70
L 12816 POD1	L	LE		2	2	4	27	19S	38E	675547	3611923	135		
L 12851 POD1	L	LE		1	4	1	34	19S	38E	674460	3610592	70		
L 12870 POD1	L	LE		1	3	3	11	19S	38E	675748	3616330	173		
L 12880 POD1	L	LE		3	4	4	27	19S	38E	675432	3611318	130		
L 12887 POD1	L	LE		4	4	1	03	19S	38E	674553	3618484	133	75	58
L 12896 POD1	L	LE		3	2	1	23	19S	38E	676564	3615993	144	71	73
L 12991 POD1	L	LE		4	3	2	10	19S	38E	675120	3616932	172		
L 12992 POD1	L	LE		1	1	1	35	19S	38E	675664	3611072	91		

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L 13006 POD1	L	LE	2	2	3	26	19S	38E	676433	3611936		135	92	43
L 13067 POD1	L	LE	2	3	2	34	19S	38E	675159	3610532		131	68	63
L 13138 POD1	L	LE	2	2	2	27	19S	38E	675619	3612578		120		
L 13144 POD1	L	LE	2	2	2	34	19S	38E	675486	3611075		121	71	50
L 13172 POD1	L	LE	4	2	4	15	19S	38E	675585	3614786		141		
L 13202 POD1	L	LE	4	4	3	11	19S	38E	676224	3616083		145	72	73
L 13208 POD1	L	LE	3	3	3	26	19S	38E	675750	3611203		137		
L 13212 POD1	L	LE	3	3	4	11	19S	38E	676468	3616064		143	73	70
L 13221 POD1	L	LE	3	3	1	05	19S	38E	670741	3618396		151		
L 13231 POD1	L	LE	1	2	2	10	19S	38E	675240	3617531		160		
L 13312 POD1	L	LE	2	1	1	22	19S	38E	674215	3614161		60	45	15
L 13312 POD2	L	LE	2	1	1	22	19S	38E	674228	3614159		60	45	15
L 13312 POD3	L	LE	2	1	1	22	19S	38E	674228	3614159		60	53	7
L 13312 POD4	L	LE	2	1	1	22	19S	38E	674235	3614168		63	44	19
L 13409 POD4	L	LE	2	2	1	05	19S	38E	671379	3619119			42	
L 13447 POD1	L	LE	3	3	3	01	19S	38E	669072	3630414		193		
L 13481 POD1	L	LE	3	3	2	35	19S	38E	676680	3610508		135	88	47
L 13515 POD1	L	LE	2	3	2	04	19S	38E	673433	3618372		50	43	7
L 13515 POD2	L	LE	2	3	2	04	19S	38E	673432	3618372		55	43	12
L 13515 POD3	L	LE	2	3	2	04	19S	38E	673174	3618367		50	43	7
L 13515 POD4	L	LE	2	3	2	04	19S	38E	673201	3618355		50		
L 13515 POD5	L	LE	2	3	2	04	19S	38E	673201	3618355				
L 13515 POD6	L	LE	2	3	2	04	19S	38E	673429	3618710		50		
L 13571 POD1	L	LE	3	2	4	19	19S	38E	670378	3613239		85	47	38
L 13609 POD1	L	LE	4	3	2	35	19S	38E	676698	3610509		142	60	82
L 13653 POD1	L	LE	3	3	4	15	19S	38E	674807	3614391		140	75	65
L 13654 POD1	L	LE	3	3	4	15	19S	38E	674884	3614484		144	78	66
L 13716 POD1	L	LE	2	2	2	30	19S	38E	670757	3612592		83		
L 13737 POD1	L	LE	3	3	3	14	19S	38E	675648	3614473		153		

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L 13769 POD1	L	LE	1	2	1	34	19S	38E	674182	3611391		90	50	40
L 13806 POD1	L	LE	1	4	1	09	19S	38E	672794	3616993		150	150	0
L 13806 POD2	L	LE	1	4	1	09	19S	38E	672794	3616993		150		
L 13816 POD1	L	LE	1	2	3	26	19S	38E	676698	3610372		142	60	82

Average Depth to Water: **55 feet**

Minimum Depth: **14 feet**

Maximum Depth: **185 feet**

Record Count: 726

PLSS Search:

Township: 19S

Range: 38E