APPROVED NMOCD Condionally
By Kristen Lynch at 2:34 pm, Sep 28, 2016

Coogan Federal Battery #1 & #3

WORK PLAN

API No. 30-025-30338

Release Date: Unknown

Unit Letter K, Section 1, Township 21 South, Range 37 East

NMOCD Case #: 1R-4385

September 21, 2016

Prepared by:
Laura Flores
Environmental Department
Diversified Field Service, Inc.
206 W. Snyder
Hobbs, NM 88240
Phone: (575)964-8394
Fax: (575)393-8396

The NMOCD conditions of approval are as follows:
1.) SP 1 and SP 2 need to be excavated to a depth of 1.5' bgs.
Thank You,
Kristen Lynch (NMOCD)

Table of Contents

Diversified Field Service, Inc.
206 W Snyder
Hobbs, NM 88240
(575) 964-8394

Kristen Lynch
Environmental Protection Specialist
New Mexico Oil Conservation District
1625 N French Drive
Hobbs, NM 88240

RE: **Sheridan Production Company, LLC – Coogan Federal Battery #1 and #3 – Remediation Work Plan**
UL/K, Section 1, T21S, R37E
API No. 30-025-30338
NMOCD Case #: 1R-4385
NMOCD Score: 20

Ms. Lynch,

Sheridan Production Company, LLC (Sheridan) has retained Diversified Environmental (DFSI) to address environmental issues for the site detailed herein.

The site is located northeast of Eunice, NM, in Lea County. The spill site resulted from a hole in the oil storage tank. A total of approximately 20 barrels of oil was released with 15 barrels of recovered. An initial C-141 was submitted to NMOCD on August 1, 2016 and approved on August 2, 2016 (Appendix I).

Site Assessment

On September 13, 2016 DFSI personnel were on site to obtain samples within the leak area (Figure 1). Three samples were obtained and field sampled for chloride levels, as well as BTEX (Appendix II). The BTEX samples were performed using a Mini Rae Photoionization Detector (PID). Clean field samples were submitted for laboratory analysis at Cardinal Laboratory of Hobbs, NM to obtain confirmation (Appendix III).

DFSI has conducted a groundwater study of the area and has determined, according to the New Mexico Office of the State Engineer, the average depth to groundwater beneath the site is approximately 45 ft bgs (Appendix IV).

Conclusion

After careful review DFSI, on behalf of Sheridan, would like to propose the following:

The area around SP3 will be excavated to a depth of 2' bgs. The areas around SP1 and SP2 will be scraped 6" bgs. The excavation and scraped areas will be backfill with clean, imported soil to ground surface and contoured to the surrounding area. Seeding of the site is not warranted.

Following the approval of the above plan, DFSI will submit all proper closure documentation to the NMOCD and BLM in accordance to the State and Federal Guidelines set forth.

Please feel free to contact Mike Burton at 575-390-5454 or me with any questions concerning this remediation plan request.

Sincerely,

Laura Flores
Environmental Report Writer | Diversified Field Services, Inc.
206 West Snyder | Hobbs, NM 88240
Office: (575)964-8394 | Fax: (575)964-8396 | Email: lflores@diversifiedfsi.com

Cc: Shelly Tucker, BLM

Figures: Site Diagram
Proposed Work

Appendices: Initial C-141
Site Photos
Laboratory Analysis
Groundwater Study

Site Diagram

SP1

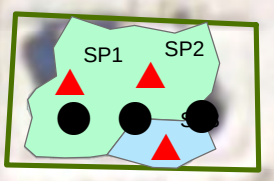
Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	299	89.9							
1'	299	89.9							
2'	199	74.9							
3'	150	92							
4'	224	42.6							
5'	224	33.6							
6'	349	6.1	112	<10	<10	<0.05	<0.05	<0.05	<0.15
7'	349	0.4	96	<10	<10	<0.05	<0.05	<0.05	<0.15

SP2

Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	374	89.9							
1'	499	80.6							
2'	199	214.6							
3'	274	153.6							
4'	349	23.3	144	<10	137	<0.05	<0.05	0.05	<0.15
5'	224	11	32	<10	<10	<0.05	<0.05	<0.05	<0.15

SP3

Depth	Cl-	PID
SS	374	157.7
1'	449	211.6
2'	199	301.2
3'	424	227.3
4'	249	29.8
5'	249	115.5
6'	249	12.1
7'	374	80.6
8'	449	35.4
9'	349	113.5
10'	499	42.9
11'	524	54.4
12'	399	23.1
13'	249	107.7
14'	324	49.9
15'	249	31.9
16'	474	78.6
17'	474	78.5



Legend

- Tanks
- Sample Points
- Battery Containment
- Caliche Pad
- Caliche Pile
- Oil (1606 sq ft)

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

DFSI Environmental Services

Sheridan
Coogan Federal Battery #1
Unit Letter K, Section 1, T21S, R37E
API #: 30-025-30338
NMOCD Case: 1R-4385

N

Drafted by: L Flores
Date: 09/15/2016

0 12.525 50 75 100 Feet

Proposed Work

Legend

- Tanks
- Sample Points
- Battery Containment
- Proposed 6" scrape (1662 sq ft)
- Proposed 2" Excavation (328 sq ft)
- Oil (1606 sq ft)

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

DFSI Environmental Services

Sheridan
Coogan Federal Battery #1
Unit Letter K, Section 1, T21S, R37E
API #: 30-025-30338
NMOCD Case: 1R-4385

N

Drafted by: L Flores
Date: 09/15/2016

0 12.525 50 75 100 Feet

Appendix I

INITIAL C-141

Diversified Field Service, Inc.
206 W. Snyder
Hobbs, NM 88240
(575) 964-8394

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Sheridan Production Company, LLC	Contact: Ed Hamblin
Address:	Telephone No.: 432.813.4831
Facility Name: Coogan Federal Battery #1 & #3	Facility Type: Oil Storage Battery

Surface Owner: To Be Provided On Final	Mineral Owner: To Be Provided On Final	API No.: NMLC-0655525

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
NE SW	1	21S	37E					Lea

Latitude 32.5140915 **Longitude** -103.1173477

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 20 BBL	Volume Recovered: 15 BBL
Source of Release: Oil Storage Tank	Date and Hour of Occurrence: 7/27/2016 8:15 AM	Date and Hour of Discovery: 7/27/2016 8:15 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Jim Amos (BLM)	
By Whom? Ed Hamblin	Date and Hour 7/28/2016 4:445 PM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Oil storage tank developed a hole in the bottom along the seam. A vacuum truck was mobilized upon discovery and recovered freestanding fluid.

Describe Area Affected and Cleanup Action Taken.*

The area affected was contained inside of the berm. Vertical & horizontal delineation will be determined and a cleanup plan of action will be prepared.

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: Ed Hamblin	Approved by Environmental Specialist:	
Title: EHS Coordinator	Approval Date: 08/02/2016	Expiration Date: 10/02/2016
E-mail Address: ed.hamblin@sheridanproduction.com	Conditions of Approval: Discrete samples only. Delineate and remediate per NMOCD guidelines.	Attached ☐ 1RP 4385
Date: 8/1/2016 Phone: 432.813.4831		

* Attach Additional Sheets If Necessary

nJXK1621554732
pJXK1621554788

Appendix II

SITE PHOTOS

Diversified Field Service, Inc.
206 W. Snyder
Hobbs, NM 88240
(575) 964-8394

COOGAN FEDERAL BATTERY #1 AND #3

PHOTO PAGE

Site prior, facing south 09/13/2016

Site prior, facing north 09/13/2016

Site prior, facing east 09/13/2016

Site prior, facing north 09/13/2016

Appendix III

LABORATORY ANALYSIS

Diversified Field Service, Inc.
206 W. Snyder
Hobbs, NM 88240
(575) 964-8394

CARDINAL Laboratories

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

September 20, 2016

ED HAMBLIN

SHERIDAN PRODUCTION COMPANY,LLC

1602 W. BROADWAY

ANDREWS, TX 79714

RE: COOGAN 1 & 3 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/15/16 10:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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:

SHERIDAN PRODUCTION COMPANY,LLC
ED HAMBLIN
1602 W. BROADWAY
ANDREWS TX, 79714
Fax To: (432) 523-1099

Received:	09/15/2016	Sampling Date:	09/13/2016
Reported:	09/20/2016	Sampling Type:	Soil
Project Name:	COOGAN 1 & 3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 6' (H602072-01)

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	09/16/2016	ND	2.17	109	2.00	1.46	
Toluene*	<0.050	0.050	09/16/2016	ND	2.22	111	2.00	1.09	
Ethylbenzene*	<0.050	0.050	09/16/2016	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	09/16/2016	ND	6.39	107	6.00	0.838	
Total BTEX	<0.300	0.300	09/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.4 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	09/15/2016	ND	432	108	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	09/16/2016	ND	182	91.0	200	5.31	
DRO >C10-C28	<10.0	10.0	09/16/2016	ND	192	95.8	200	7.89	

Surrogate: 1-Chlorooctane *96.3 %* *35-147*

Surrogate: 1-Chlorooctadecane *104 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

SHERIDAN PRODUCTION COMPANY,LLC
ED HAMBLIN
1602 W. BROADWAY
ANDREWS TX, 79714
Fax To: (432) 523-1099

Received:	09/15/2016	Sampling Date:	09/13/2016
Reported:	09/20/2016	Sampling Type:	Soil
Project Name:	COOGAN 1 & 3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 7' (H602072-02)

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	09/16/2016	ND	2.17	109	2.00	1.46	
Toluene*	<0.050	0.050	09/16/2016	ND	2.22	111	2.00	1.09	
Ethylbenzene*	<0.050	0.050	09/16/2016	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	09/16/2016	ND	6.39	107	6.00	0.838	
Total BTEX	<0.300	0.300	09/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	09/15/2016	ND	432	108	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	09/16/2016	ND	182	91.0	200	5.31	
DRO >C10-C28	<10.0	10.0	09/16/2016	ND	192	95.8	200	7.89	

Surrogate: 1-Chlorooctane *94.2 %* *35-147*

Surrogate: 1-Chlorooctadecane *105 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

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:

SHERIDAN PRODUCTION COMPANY,LLC
ED HAMBLIN
1602 W. BROADWAY
ANDREWS TX, 79714
Fax To: (432) 523-1099

Received:	09/15/2016	Sampling Date:	09/13/2016
Reported:	09/20/2016	Sampling Type:	Soil
Project Name:	COOGAN 1 & 3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 4' (H602072-03)

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	09/16/2016	ND	2.17	109	2.00	1.46	
Toluene*	<0.050	0.050	09/16/2016	ND	2.22	111	2.00	1.09	
Ethylbenzene*	**0.050**	0.050	09/16/2016	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	09/16/2016	ND	6.39	107	6.00	0.838	
Total BTEX	<0.300	0.300	09/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	09/15/2016	ND	432	108	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	09/16/2016	ND	182	91.0	200	5.31	
DRO >C10-C28	**137**	10.0	09/16/2016	ND	192	95.8	200	7.89	

Surrogate: 1-Chlorooctane *97.5 %* *35-147*

Surrogate: 1-Chlorooctadecane *111 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

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:

SHERIDAN PRODUCTION COMPANY,LLC
ED HAMBLIN
1602 W. BROADWAY
ANDREWS TX, 79714
Fax To: (432) 523-1099

Received:	09/15/2016	Sampling Date:	09/13/2016
Reported:	09/20/2016	Sampling Type:	Soil
Project Name:	COOGAN 1 & 3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 5' (H602072-04)

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	09/16/2016	ND	2.17	109	2.00	1.46	
Toluene*	<0.050	0.050	09/16/2016	ND	2.22	111	2.00	1.09	
Ethylbenzene*	<0.050	0.050	09/16/2016	ND	2.13	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	09/16/2016	ND	6.39	107	6.00	0.838	
Total BTEX	<0.300	0.300	09/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.5 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/15/2016	ND	432	108	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	09/16/2016	ND	182	91.0	200	5.31	
DRO >C10-C28	<10.0	10.0	09/16/2016	ND	192	95.8	200	7.89	

Surrogate: 1-Chlorooctane *95.0 %* *35-147*

Surrogate: 1-Chlorooctadecane *105 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Sheridan	BILL TO
Project Manager: Ed Hamblin	P.O. #:
Address:	Company: Sheridan
City: State: Zip:	Attn: Ed. Hamblin
Phone #: Fax #:	Address:
Project #: Project Owner:	City:
Project Name:	State: Zip:
Project Location: Coogan - 1+3 Bat	Phone #:
Sampler Name: Ruby Alvarez	Fax #:

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	Tph	B. Tex
H602072																	
1	Sp1@ 6'	G	1			X					X		9-13-14	2:06	X	X	X
2	Sp1@ 7'	G	1			X					X		9-13-14	2:19	X	X	X
3	Sp2@ 4'	G	1			X					X		9-13-14	2:40	X	X	X
4	Sp2@ 5'	G	1			X					X		9-13-14	3:26	X	X	X

Relinquished By: Ruby Alvarez	Date: 9/15/16 Time: 10:15	Received By: Jodi Henson	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Fax Result: ☐ Yes ☐ No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1.4°C	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials) AA	REMARKS: email to: lFlores@diversifiedfsi.com m alves m burton m patterson

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#75

Appendix IV

GROUNDWATER SURVEY

Diversified Field Service, Inc.
206 W. Snyder
Hobbs, NM 88240
(575) 964-8394

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 25, 26, 27, 34, 35, 36 **Township:** 20S **Range:** 37E

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 30, 29, 31, 32 **Township:** 20S **Range:** 38E

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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00137			LE	2	2	1	13	21S	37E	676862	3595783*	65		
CP 00197	O		LE	1	4	1	01	21S	37E	676611	3598599*	85		
CP 00197 POD1		CP	LE	1	4	1	01	21S	37E	676611	3598599*	85		
CP 01141 POD2			LE	3	4	3	15	21S	37E	673541	3594250	40		
CP 01141 POD3			LE	3	4	3	15	21S	37E	673541	3594250	40		
CP 01141 POD4			LE	3	4	3	15	21S	37E	673541	3594250	45		
CP 01185 POD1			LE		1	3	14	21S	37E	674598	3594689	70		
CP 01185 POD2			LE		1	3	14	21S	37E	674623	3594674	70		
CP 01185 POD3			LE		1	3	14	21S	37E	674592	3594620	70		
CP 01185 POD4			LE		1	3	14	21S	37E	674633	3594610	70		
CP 01221 POD1			LE	4	4	4	11	21S	37E	676254	3588506	75	60	15
CP 01574 POD1		CP	LE	2	4	4	15	21S	37E	674563	3594599	68	57	11
CP 01574 POD2		CP	LE	1	3	3	14	21S	37E	674654	3594594	68	57	11

Average Depth to Water: **58 feet**

Minimum Depth: **57 feet**

Maximum Depth: **60 feet**

Record Count: 13

PLSS Search:

Section(s): 1, 2, 3, 10, 11, 12, 13, 14, 15 **Township:** 21S **Range:** 37E

***UTM location was derived from PLSS - see Help**

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-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00442		ED			4	05	21S	38E	680550	3597966*	532	17	515
CP 00678		ED			3	17	21S	38E	679802	3594732*	125	37	88
CP 00705		ED	1	4	3	17	21S	38E	679903	3594637*	160		

Average Depth to Water: **27 feet**

Minimum Depth: **17 feet**

Maximum Depth: **37 feet**

Record Count: 3

PLSS Search:

Section(s): 5, 6, 7, 8, 17, 18 **Township:** 21S **Range:** 38E

***UTM location was derived from PLSS - see Help**