Skelly Unit 276

REMEDIATION WORK PLAN

API No. 30-015-29225

Release Date: May 5, 2014

Unit Letter D, Section 27, Township 17 South, Range 31 East

April XX, 2016

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

Heather Patterson
Environmental Protection Specialist
Bureau of Land Management
811 S. First St.
Artesia, NM 88210

RE: **Linn Energy Skelly Unit #276 – Remediation Work Plan**
UL/D, Section 27, T17S, R31E
API No. 30-015-29225

Ms. Patterson,

Linn Energy (Linn) has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located east of Loco Hills, NM, in Eddy County. On May 5, 2014, the leak site resulted from a worn, broken flow line, connecting the wellhead to the battery. The impacted area is an approximate 1.5'x30' area on the lease road. Approximately 20 barrels of oil and 20 barrels of produced water were released, with no oil and 10 barrels of produced water recovered. An initial C-141 was submitted to NMOCD on May 7, 2014 (Appendix I).

Site Assessment

On September 16, 2014, DFSI personnel were on site to obtain samples within the leak area (Appendix II). Three samples were obtained and field sampled for chloride levels, as well as BTEX. The BTEX samples were performed using a Mini Rae Photoionization Detector (PID) (Appendix III). All clean field samples under NMOCD and BLM regulatory guidelines were submitted for laboratory analysis at Cardinal Laboratories 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 for this area is 229 foot below ground surface (Appendix IV). Therefore, no eminent danger of groundwater impact or threat to life is anticipated.

Conclusion

After careful review DFSI on behalf of Linn Energy would like to propose the following:

The lease road will be scraped and backfilled with clean, imported soil to ground surface and contour to the surrounding area. Contaminated soil will be properly disposed of at a NMOCD approved facility. No seeding of the site is 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 me with any questions concerning this remediation plan request.

Sincerely,

Michael Burton
Environmental Operations Director | Diversified Field Services, Inc.
206 West Snyder | Hobbs, NM 88240
Office: (575)964-8394 | Mobile: (575)390-5454
Fax: (575)964-8396 | Email: Mburton@diversifiedfsi.com

Cc: Shelly Tucker, BLM

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

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
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 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: Linn Operating	Contact: Brian Wall
Address: 2130 W. Bender Hobbs, NM 88240	Telephone No.: 575-738-1739
Facility Name: Skelly Unit 276	Facility Type: Oil Producer

Surface Owner: Federal	Mineral Owner:	API No.: 30-015-29225

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	27	17S	31E	687	North	1183	West	Eddy

Latitude: 32.8109503533785 **Longitude:** -103.862221362993

NATURE OF RELEASE

Type of Release: Produced Water / Oil	Volume of Release: 20 gal / 20gal	Volume Recovered: 0 / 10gal
Source of Release: 3" polyline	Date and Hour of Occurrence: 05/05/2014	Date and Hour of Discovery: 05/05/2014 0730
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? M. Burton - BLM	
By Whom? Brian Wall	Date and Hour 05/06/2014 0640	
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.*: flow line from well head to battery broke, spilling 1 bbl of fluid, cause of accident was age/wear on the line, 10 gallons of oil was picked up by vacuum truck, 30 gallons lost.

Describe Area Affected and Cleanup Action Taken.* : Leak ran west 1.5'x30' on lease road.

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: Brian Wall	Approved by District Supervisor:	
Title: Construction Foreman II	Approval Date:	Expiration Date:
E-mail Address: bwall@linnenergy.com	Conditions of Approval:	Attached ☐
Date: 05/07/2014 Phone: 806-367-0645		

* Attach Additional Sheets If Necessary

Appendix II

SITE PHOTOS

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

Linn Energy Skelly Unit 276

PHOTO PAGE

Site prior, facing southeast 9/16/2014

Site prior, facing northeast 9/16/2014

Collecting soil sample, facing northwest 9/16/2014

Collecting soil sample, facing southeast 9/23/2014

Appendix III

SITE DIAGRAM

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

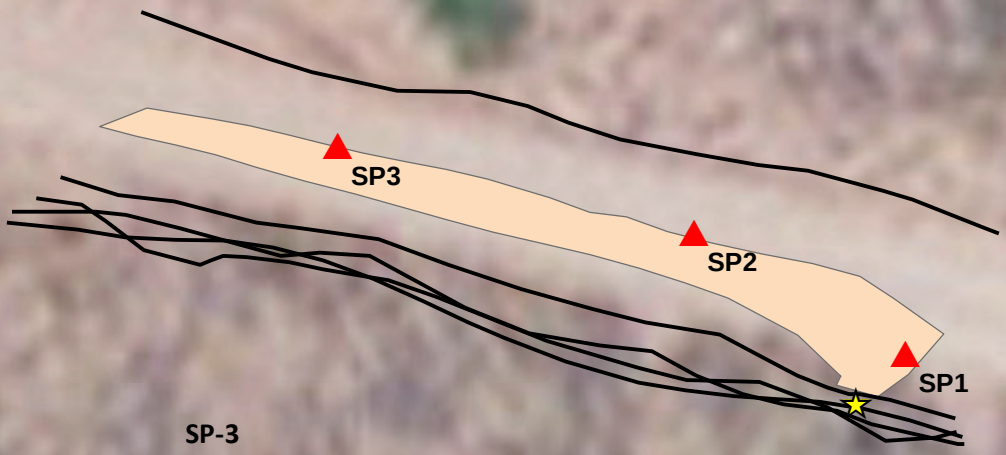
Site Diagram

SP-1

Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	2,724	25.4							
1'	624	235							
2'	1,624	99							
3'	4,048	86							
4'	5,748	76							
5'	5,048	139.4	5840	<50	1010	<0.05	0.711	1.81	8.45

SP-2

Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	74	1.7	16	<10	<10	<0.5	<0.5	<0.5	<0.15
1'	474	5.9							
2'	124	5.5	80	<10	<10	<0.5	<0.5	<0.5	<0.15



SP-3

Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	74	1.6	<16	<10	11.7	<0.5	<0.5	<0.5	<0.15
1'	49	6.4							
2'	149	6.9	176	<10	<10	<0.5	<0.5	<0.5	<0.15

Legend

- Source
- Sample Points
- Above Ground Line
- Oil and Produced Water (470 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

Linn
Skelly 276 Flowline
Unit Letter D, Sec. 27, T17S, R31E
Eddy County, NM
API #: 30-015-29225

N W E S

Mapped: 03/01/2016 CF
Drafted by: L. Flores
03/29/2016

0 4.5 9 18 27 36
Feet

Appendix IV

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 26, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY UNIT #276

Enclosed are the results of analyses for samples received by the laboratory on 09/24/14 16:15.

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 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:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

Received:	09/24/2014	Sampling Date:	09/23/2014
Reported:	09/26/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #276	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP #1 5' (H402929-01)

BTEX 8021B mg/kg Analyzed By: ms S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2014	ND	1.75	87.6	2.00	3.42	
Toluene*	**0.711**	0.050	09/25/2014	ND	1.64	81.8	2.00	3.34	
Ethylbenzene*	**1.81**	0.050	09/25/2014	ND	1.52	75.9	2.00	4.67	
Total Xylenes*	**8.45**	0.150	09/25/2014	ND	4.50	75.0	6.00	4.67	
Total BTEX	**11.0**	0.300	09/25/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *138 %* *89.4-126*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5840**	16.0	09/25/2014	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	09/25/2014	ND	185	92.3	200	8.51	
DRO >C10-C28	**1010**	50.0	09/25/2014	ND	192	96.2	200	6.04	

Surrogate: 1-Chlorooctane *102 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *120 %* *63.6-154*

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:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

Received:	09/24/2014	Sampling Date:	09/23/2014
Reported:	09/26/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #276	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP #2 SURFACE (H402929-02)

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	09/24/2014	ND	1.75	87.6	2.00	3.42	
Toluene*	<0.050	0.050	09/24/2014	ND	1.64	81.8	2.00	3.34	
Ethylbenzene*	<0.050	0.050	09/24/2014	ND	1.52	75.9	2.00	4.67	
Total Xylenes*	<0.150	0.150	09/24/2014	ND	4.50	75.0	6.00	4.67	
Total BTEX	<0.300	0.300	09/24/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.9 %* *89.4-126*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	09/25/2014	ND	416	104	400	3.92	

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	09/25/2014	ND	185	92.3	200	8.51	
DRO >C10-C28	<10.0	10.0	09/25/2014	ND	192	96.2	200	6.04	

Surrogate: 1-Chlorooctane *89.2 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *100 %* *63.6-154*

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:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

Received:	09/24/2014	Sampling Date:	09/23/2014
Reported:	09/26/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #276	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP #2 2' (H402929-03)

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	09/24/2014	ND	1.75	87.6	2.00	3.42	
Toluene*	<0.050	0.050	09/24/2014	ND	1.64	81.8	2.00	3.34	
Ethylbenzene*	<0.050	0.050	09/24/2014	ND	1.52	75.9	2.00	4.67	
Total Xylenes*	<0.150	0.150	09/24/2014	ND	4.50	75.0	6.00	4.67	
Total BTEX	<0.300	0.300	09/24/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *89.4-126*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	09/25/2014	ND	416	104	400	3.92	

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	09/25/2014	ND	185	92.3	200	8.51	
DRO >C10-C28	<10.0	10.0	09/25/2014	ND	192	96.2	200	6.04	

Surrogate: 1-Chlorooctane *94.5 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *102 %* *63.6-154*

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:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

Received:	09/24/2014	Sampling Date:	09/23/2014
Reported:	09/26/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #276	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP #3 SURFACE (H402929-04)

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	09/24/2014	ND	1.75	87.6	2.00	3.42	
Toluene*	<0.050	0.050	09/24/2014	ND	1.64	81.8	2.00	3.34	
Ethylbenzene*	<0.050	0.050	09/24/2014	ND	1.52	75.9	2.00	4.67	
Total Xylenes*	<0.150	0.150	09/24/2014	ND	4.50	75.0	6.00	4.67	
Total BTEX	<0.300	0.300	09/24/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/25/2014	ND	416	104	400	3.92	

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	09/25/2014	ND	185	92.3	200	8.51	
DRO >C10-C28	**11.7**	10.0	09/25/2014	ND	192	96.2	200	6.04	

Surrogate: 1-Chlorooctane *92.6 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *105 %* *63.6-154*

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:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

Received:	09/24/2014	Sampling Date:	09/23/2014
Reported:	09/26/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #276	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP #3 2' (H402929-05)

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	09/24/2014	ND	1.75	87.6	2.00	3.42	
Toluene*	<0.050	0.050	09/24/2014	ND	1.64	81.8	2.00	3.34	
Ethylbenzene*	<0.050	0.050	09/24/2014	ND	1.52	75.9	2.00	4.67	
Total Xylenes*	<0.150	0.150	09/24/2014	ND	4.50	75.0	6.00	4.67	
Total BTEX	<0.300	0.300	09/24/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *89.4-126*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	09/25/2014	ND	416	104	400	3.92	

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	09/25/2014	ND	185	92.3	200	8.51	
DRO >C10-C28	<10.0	10.0	09/25/2014	ND	192	96.2	200	6.04	

Surrogate: 1-Chlorooctane *99.4 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *109 %* *63.6-154*

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-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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:	LINN ENERGY	**BILL TO**	
Project Manager:	BRIAN WALL	P.O. #:	
Address:		Company:	LINN ENERGY
City:	State: Zip:	Attn:	BRIAN WALL
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name:		State: Zip:	
Project Location:	SKELLY UNIT #276	Phone #:	
Sampler Name:	EDWARD CESAREO	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	CHLORIDES	TPH	BTEX
H402929																		
1	SP #1	5'	G	1			✓					✓		9-23-14	9:25	✓	✓	✓
2	SP #2	Surface	G	1			✓					✓			3:00	✓	✓	✓
3	SP #2	2'	G	1			✓					✓			9:15	✓	✓	✓
4	SP #3	Surface	G	1			✓					✓			3:05	✓	✓	✓
5	SP #3	2'	G	1			✓					✓			9:20	✓	✓	✓

Relinquished By:	Date: 9-24-14	Received By:	Phone Result: ☐ Yes ☐ No	Add'l Phone #:	
Relinquished By:	Time: 9:15	Received By:	Fax Result: ☐ Yes ☐ No	Add'l Fax #:	
	Date:		REMARKS:		
	Time:		E-mail Results To: Ngladden@diversifiedfsi.com Rpons@diversifiedfsi.com Ecesareo@diversifiedfsi.com		
Delivered By: (Circle One)		Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	2.6°C	Cool ☑ Yes ☐ No / Intact ☑ Yes ☐ No	(Initials)		

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

Appendix V

GROUNDWATER STUDY

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): 1-36 **Township:** 16S **Range:** 30E

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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 03435		L	LE		1	1	05	16S	31E	602954	3646955*			
L 03852	R	L	LE	2	2	2	14	16S	31E	609126	3643913*	370	314	56
L 03852 POD4		L	LE	3	4	3	13	16S	31E	609744	3642516*	333	299	34
L 03852 POD5	R	L	LE	2	3	2	13	16S	31E	610387	3643470	328	295	33
L 03852 POD6		L	LE		3	2	13	16S	31E	610391	3643476	336		
L 03852 X	R	L	LE	4	4	4	13	16S	31E	610749	3642526*	333	299	34
L 03852 X2		L	LE	3	2	2	13	16S	31E	610535	3643733*	330	287	43
L 04671		L	LE	1	1	2	12	16S	31E	610114	3645538*	340	288	52
L 10203		L	LE	4	4	3	14	16S	31E	608334	3642495*	310		
L 10206		L	LE		2	2	23	16S	31E	609045	3642204*	280		

Average Depth to Water: **297 feet**

Minimum Depth: **287 feet**

Maximum Depth: **314 feet**

Record Count: 10

PLSS Search:

Section(s): 1-36 **Township:** 16S **Range:** 31E

***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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 02381		L	LE		3	1	13	16S	32E	619086	3643515*	308	215	93
L 02434		L	LE				01	16S	32E	619661	3646531*	337		
L 02449		L	LE				01	16S	32E	619661	3646531*	330	265	65
L 02467		L	LE		1	4	02	16S	32E	618250	3646322*	328	275	53
L 02617		L	LE		4	4	02	16S	32E	618656	3645924*	322	270	52
L 02752		L	LE		1	3	26	16S	32E	617521	3639880*	324	280	44
L 02846		L	LE	4	2	1	11	16S	32E	617956	3645413*	328	275	53
L 02846	R	L	LE	4	2	1	11	16S	32E	617956	3645413*	328	275	53
L 02847		L	LE	1	4	2	11	16S	32E	618564	3645219*	317	220	97
L 02847	R	L	LE	1	4	2	11	16S	32E	618564	3645219*	317	220	97
L 02954		L	LE		2	4	03	16S	32E	617043	3646310*	120	65	55
L 02993		L	LE	3	3	2	15	16S	32E	616572	3643391*	100		
L 03405		L	LE	1	1	2	25	16S	32E	619824	3640790	298	190	108
L 03587		L	LE	1	2	4	35	16S	32E	618647	3638383*	282	210	72
L 03587 S		L	LE	3	4	2	35	16S	32E	618642	3638586*	269	215	54
L 03587 S2		L	LE		2	2	35	16S	32E	618738	3639089*	299	192	107
L 03587 S4		L	LE	1	4	4	26	16S	32E	618632	3639590*	289	220	69
L 03631		L	LE		1	2	02	16S	32E	618240	3647126*	315	250	65
L 04737 POD3		L	LE		3	3	36	16S	32E	619048	3637777	304	214	90
L 04930		L	LE			1	23	16S	32E	617698	3642092*	307	210	97
L 05494		L	LE				36	16S	32E	619758	3638489*	303	200	103
L 06400		L	LE	1	3	3	36	16S	32E	619054	3637985*	330		
L 06557		L	LE		1	4	21	16S	32E	615089	3641466*	295	210	85
L 06807		L	LE	1	4	4	09	16S	32E	615356	3644383*	290	248	42
L 07823		L	LE	2	2	2	16	16S	32E	615561	3643981*	269	247	22
L 08084		L	LE	1	1	1	16	16S	32E	614157	3643970*	317	260	57

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

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(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
L 08084 POD4	L	LE			2	26	16S	32E	618522	3640492*	303	233	70
L 08084 POD5	L	LE	4	1	4	26	16S	32E	618425	3639788*	296	165	131
L 08084 S3	L	LE			2	26	16S	32E	618522	3640492*	305	205	100
L 08241	L	LE		4	4	02	16S	32E	618656	3645924*	316		
L 10204	L	LE	4	2	2	04	16S	32E	615524	3646993*	319		
L 10205	L	LE		4	1	08	16S	32E	613038	3645066*	330		
L 11189	L	LE	1	1	4	04	16S	32E	614932	3646391*	350		

Average Depth to Water: **224 feet**

Minimum Depth: **65 feet**

Maximum Depth: **280 feet**

Record Count: 33

PLSS Search:

Section(s): 1-36 **Township:** 16S **Range:** 32E

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

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

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(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
RA 11914 POD1		ED	2	4	2	20	17S	30E	594801	3632002	85	80	5

Average Depth to Water: **80 feet**

Minimum Depth: **80 feet**

Maximum Depth: **80 feet**

Record Count: 1

PLSS Search:

Section(s): 1-36 **Township:** 17S **Range:** 30E

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

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(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
RA 11590 POD1		ED	2	1	3	32	17S	31E	603315	3628545	158		
RA 11590 POD3		ED	3	1	2	32	17S	31E	603932	3629260	60		
RA 11590 POD4		ED	4	1	1	32	17S	31E	603308	3629253	55		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 3

PLSS Search:

Section(s): 1-36 **Township:** 17S **Range:** 31E

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

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(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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 03980		L	LE	2	2	2	01	17S	32E	620466	3637594*	270	200	70
L 03980 S		L	LE	4	4	4	02	17S	32E	618870	3636170*	255	179	76
L 03980 S2		L	LE	3	2	3	01	17S	32E	619470	3636581*	225	175	50
L 04019		L	LE	4	3	4	02	17S	32E	618468	3636166*	182		
L 04020		L	LE	3	3	4	02	17S	32E	618268	3636166*	200		
L 04021	R	L	LE	3	4	4	02	17S	32E	618670	3636170*	190		
L 04021 POD3		L	LE		3	4	03	17S	32E	616761	3636252*	247		
L 04021 S		L	LE	2	4	4	03	17S	32E	617262	3636354*	260		
L 13047 POD1		L	LE				11	17S	32E	618187	3635254*	140		
L 13050 POD1		L	LE	2	2	1	10	17S	32E	616463	3635945*	156	132	24
RA 08855			LE	4	1	1	10	17S	32E	616061	3635742*	158		
RA 09505			LE	2	2	1	10	17S	32E	616462	3635944	147		
RA 09505 S			LE	2	2	1	10	17S	32E	616463	3635945*	144		
RA 10175			LE		2	1	28	17S	32E	614814	3631005*	158		
RA 11684 POD1			LE	1	1	4	11	17S	32E	618216	3635124	275		
RA 11684 POD2			LE	1	1	4	11	17S	32E	618313	3635248	275		
RA 11684 POD3			LE	3	3	1	11	17S	32E	618262	3635371	275		
RA 11684 POD4			LE	1	3	2	11	17S	32E	618334	3635521	275		
RA 11684 POD5			LE	3	1	4	11	17S	32E	618353	3635047	275		
RA 11734 POD1			LE	2	2	1	10	17S	32E	616556	3635929	165		
RA 11911 POD1			LE	1	3	1	24	17S	32E	619192	3632296	35		
RA 12020 POD1			LE	2	2	1	28	17S	32E	614828	3630954	120	81	39
RA 12042 POD1			LE	2	2	1	28	17S	32E	614891	3631181	400		

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

Average Depth to Water: **153 feet**

Minimum Depth: **81 feet**

Maximum Depth: **200 feet**

Record Count: 23

PLSS Search:

Section(s): 1-36 **Township:** 17S **Range:** 32E

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

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(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 00818		LE	1	4		26	18S	30E	599289	3620364*	240		
CP 00819		LE	2	4		32	18S	30E	594878	3618720*	150		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

PLSS Search:

Section(s): 1-36 **Township:** 18S **Range:** 30E

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

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

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(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 00849		LE	3	1	3	35	18S	31E	608012	3618757*	300		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

PLSS Search:

Section(s): 1-36 **Township:** 18S **Range:** 31E

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

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

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(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
CP 00566			LE	4	4	1	04	18S	32E	614960	3627280*	133	65	68
CP 00672			LE		4	4	07	18S	32E	612475	3624947*	524	430	94
CP 00672 CLW475398	O		LE		4	4	07	18S	32E	612475	3624947*	540	460	80
CP 00677			LE		1	1	26	18S	32E	617750	3621373*	700		
CP 00808			LE		4	4	26	18S	32E	618973	3620178*	400		
CP 00814			LE		2	2	08	18S	32E	614074	3626168*	480		

Average Depth to Water: **318 feet**

Minimum Depth: **65 feet**

Maximum Depth: **460 feet**

Record Count: 6

PLSS Search:

Section(s): 1-36 **Township:** 18S **Range:** 32E

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