



Nash Unit No 042H

WORK PLAN

API No. 30-015-37194

Release Date: October 27, 2016

Unit Letter E, Section 18, Township 23 South, Range 30 East

NMOCD Case #: Not Assigned

December 6, 2016

Prepared by:

Michael Burton

Environmental Director

Diversified Field Service, Inc.

206 W. Snyder

Hobbs, NM 88240

Phone: (575)964-8394

Fax: (575)393-8396

Mike Bratcher
Environmental Protection Specialist
New Mexico Oil Conservation District
811 S First St
Artesia, NM 88210

RE: **XTO – Nash Unit No. 042H – Remediation Work Plan**
UL/E, Section 18, T23S, R30E
API No. 30-015-37194
NMOCD Score: 0

Mr. Bratcher,

XTO Energy (XTO) has retained Diversified Environmental (DFSI) to address environmental issues for the site detailed herein.

The site is located east of Loving, NM, in Eddy County. The spill site resulted from a broken rod, causing an overflow of a pop off tank. A total of approximately 124.71 barrels of produced water was released with 121 barrels of produced water recovered. An initial C-141 was submitted to NMOCD on November 3, 2016 (Appendix I).

Site Assessment

On November 2, 2016 DFSI personnel were on site to obtain samples within the leak area (Figure 1). Four 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, there is no known groundwater beneath the site (Appendix IV).

Conclusion

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

Due to the bermed area being lined, the area located within the battery will be treated with an application of microblaze. Outside of the battery, the release area will be excavated to a depth of 1' bgs. Site remediation activities will be addressed at site abandonment.

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 with any questions concerning this remediation plan request.

Sincerely,



Michael Burton

Environmental Operations Director | Diversified Field Service, 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

Figures: Site Diagram
Proposed Work

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

Site Map



SP1										SP2									
Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X	Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	474	613.7								SS	749	1473							
1'	449	1287								1'	349	309.1							
2'	374	874								2'	499	216.5							
3'	324	115.4								3'	324	130.6							
4'	224	1337								4'	299	330.7							
5'	424	76.5								5'	399	131.5							
6'	399	29.5	80	<10	39.3	<0.05	<0.05	<0.05	<0.15	6'	399	72.6							
										7'	499	27.9	48	<10	<10	<0.05	<0.05	<0.05	<0.15

SP3										SP4									
Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X	Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	749	1647								SS	549	370							
1'	499	310.1								1'	374	86.5							
2'	524	381.6								2'	399	73							
3'	449	242.5								3'	449	46.7							
4'	424	1762								4'	374	56.2							
5'	449	179.5								5'	474	31.7	160	<10	<10	<0.05	<0.05	<0.05	<0.15
6'	374	138.1																	
7'	449	131.9	80	<10	121	<0.05	<0.05	0.055	0.16										

Legend

 Sample Points

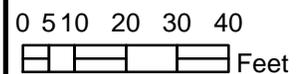
 Oil (5211 sq ft)

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



XTO Energy
Nash Unit #042H
Unit Letter E, Section 18, T23S, R30E
Eddy County, NM
API #: 30-015-37194

Figure 1



Proposed Work



Legend

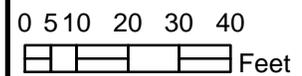
-  Sample Points
-  Proposed Excavation to 1' bgs
-  Proposed Microblaze Application
-  Oil (5211 sq ft)

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



XTO Energy
Nash Unit #042H
Unit Letter E, Section 18, T23S, R30E
Eddy County, NM
API #: 30-015-37194

Figure 2



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

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

OPERATOR

X Initial Report Final Report

Name of Company XTO Energy, Inc.	Contact John Robinson
Address 500 West Illinois, Suite 100 Midland, TX 79701	Telephone No. 575-44-5199
Facility Name Nash 42 CTB	Facility Type Battery
Surface Owner BLM	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	18	23 S	30 E					Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Oil	Volume of Release 124.71 barrels	Volume Recovered 121 barrels
Source of Release Pop off tank	Date and Hour of Occurrence 10-27-16 9:00pm	Date and Hour of Discovery 10-28-16 7:30am
Was Immediate Notice Given? X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Shelly Tucker BLM and Heather Patterson NMOCD	
By Whom? John Robinson	Date and Hour 10-28-16 11:00 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes X No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

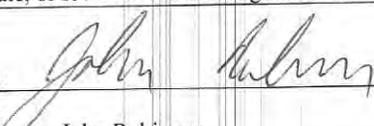
Rod between float and oil dump broke causing FWKO to dome out and overflow 210 pop off tank. Cleaned up all oil possible and pumped into spare water tank to be circulated through system.

Describe Area Affected and Cleanup Action Taken.*

Leak stayed inside berm. Will clean up according to BLM and NMOCD standards

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: 	Approved by Environmental Specialist:		
Printed Name: John Robinson	Approval Date:	Expiration Date:	
Title: Maintenance Foreman	Conditions of Approval:		Attached <input type="checkbox"/>
E-mail Address: john_robinson@xtoenergy.com			
Date: 11-3-16	Phone: 575-441-5199		

* Attach Additional Sheets If Necessary

Appendix II

SITE PHOTOS

NASH UNIT #042H

PHOTO PAGE



Appendix III

LABORATORY ANALYSIS

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



November 09, 2016

MICHAEL ALVES

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: NASH UNIT BATTERY #42

Enclosed are the results of analyses for samples received by the laboratory on 11/03/16 8:35.

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 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 MICHAEL ALVES
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

Received:	11/03/2016	Sampling Date:	11/02/2016
Reported:	11/09/2016	Sampling Type:	Soil
Project Name:	NASH UNIT BATTERY #42	Sampling Condition:	Cool & Intact
Project Number:	20944	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 6 (H602469-01)

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	11/08/2016	ND	2.17	109	2.00	3.85	
Toluene*	<0.050	0.050	11/08/2016	ND	2.21	110	2.00	3.32	
Ethylbenzene*	<0.050	0.050	11/08/2016	ND	2.12	106	2.00	2.84	
Total Xylenes*	<0.150	0.150	11/08/2016	ND	6.43	107	6.00	2.45	
Total BTEX	<0.300	0.300	11/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	80.0	16.0	11/03/2016	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	11/06/2016	ND	198	99.0	200	0.810	
DRO >C10-C28	39.3	10.0	11/06/2016	ND	203	101	200	4.48	

Surrogate: 1-Chlorooctane 113 % 35-147
Surrogate: 1-Chlorooctadecane 117 % 28-171

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 MICHAEL ALVES
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

Received:	11/03/2016	Sampling Date:	11/02/2016
Reported:	11/09/2016	Sampling Type:	Soil
Project Name:	NASH UNIT BATTERY #42	Sampling Condition:	Cool & Intact
Project Number:	20944	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 7 (H602469-02)

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	11/08/2016	ND	2.17	109	2.00	3.85	
Toluene*	<0.050	0.050	11/08/2016	ND	2.21	110	2.00	3.32	
Ethylbenzene*	<0.050	0.050	11/08/2016	ND	2.12	106	2.00	2.84	
Total Xylenes*	<0.150	0.150	11/08/2016	ND	6.43	107	6.00	2.45	
Total BTEX	<0.300	0.300	11/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	11/04/2016	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	11/06/2016	ND	198	99.0	200	0.810	
DRO >C10-C28	<10.0	10.0	11/06/2016	ND	203	101	200	4.48	

Surrogate: 1-Chlorooctane 72.9 % 35-147
Surrogate: 1-Chlorooctadecane 75.0 % 28-171

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 MICHAEL ALVES
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

Received:	11/03/2016	Sampling Date:	11/02/2016
Reported:	11/09/2016	Sampling Type:	Soil
Project Name:	NASH UNIT BATTERY #42	Sampling Condition:	Cool & Intact
Project Number:	20944	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 7 (H602469-03)

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	11/08/2016	ND	2.17	109	2.00	3.85	
Toluene*	<0.050	0.050	11/08/2016	ND	2.21	110	2.00	3.32	
Ethylbenzene*	0.055	0.050	11/08/2016	ND	2.12	106	2.00	2.84	
Total Xylenes*	0.160	0.150	11/08/2016	ND	6.43	107	6.00	2.45	
Total BTEX	<0.300	0.300	11/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	80.0	16.0	11/04/2016	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	11/06/2016	ND	198	99.0	200	0.810	
DRO >C10-C28	121	10.0	11/06/2016	ND	203	101	200	4.48	

Surrogate: 1-Chlorooctane 79.7 % 35-147

Surrogate: 1-Chlorooctadecane 87.4 % 28-171

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 MICHAEL ALVES
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

Received:	11/03/2016	Sampling Date:	11/02/2016
Reported:	11/09/2016	Sampling Type:	Soil
Project Name:	NASH UNIT BATTERY #42	Sampling Condition:	Cool & Intact
Project Number:	20944	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 5 (H602469-04)

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	11/08/2016	ND	2.17	109	2.00	3.85	
Toluene*	<0.050	0.050	11/08/2016	ND	2.21	110	2.00	3.32	
Ethylbenzene*	<0.050	0.050	11/08/2016	ND	2.12	106	2.00	2.84	
Total Xylenes*	<0.150	0.150	11/08/2016	ND	6.43	107	6.00	2.45	
Total BTEX	<0.300	0.300	11/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	160	16.0	11/04/2016	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	11/06/2016	ND	198	99.0	200	0.810	
DRO >C10-C28	<10.0	10.0	11/06/2016	ND	203	101	200	4.48	

Surrogate: 1-Chlorooctane 92.8 % 35-147

Surrogate: 1-Chlorooctadecane 83.8 % 28-171

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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



Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: YTD
 Project Manager: YTD
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: YTD
 Project Location: Bush vrt But # 42
 Sampler Name: Ricky Hudson
 P.O. #: 20949
 Company: diversified
 Attn: Michael Bush
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	Tph	B Tex
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>Hudson</u>	<u>SP 1 @ 6</u>		<u>9</u>						<u>11-2-16</u>	<u>10:06</u>	<u>+</u>	<u>+</u>	<u>+</u>	
	<u>SP 2 @ 7</u>		<u>9</u>						<u>11-2-16</u>	<u>11:45</u>	<u>+</u>	<u>+</u>	<u>+</u>	
	<u>SP 3 @ 7</u>		<u>9</u>						<u>11-2-16</u>	<u>152</u>	<u>+</u>	<u>+</u>	<u>+</u>	
	<u>SP 4 @ 5</u>		<u>9</u>						<u>11-2-16</u>	<u>403</u>	<u>+</u>	<u>+</u>	<u>+</u>	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. 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 successors 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 titled portions or otherwise.

Relinquished By: Ricky Hudson
 Date: 11/3/16
 Type: 8:35
 Received By: Michael Bush
 Date: _____
 Time: _____

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: 1.92
 Sample Condition
 Cool Yes No
 Intact Yes No
 CHECKED BY: [Signature]
 Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: _____
 Add'l Fax #: _____
 REMARKS: email to: Flores @ diversifiedsi.com
in alder
in Butte
in Patterson

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #76

Appendix IV

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

(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
C 02486	C	ED		3	2	3	19	23S	30E	601304	3572832*	350		

Average Depth to Water: --
 Minimum Depth: --
 Maximum Depth: --

Record Count: 1

PLSS Search:

Section(s): 7, 8, 17, 18, 19, 20 **Township:** 23S **Range:** 30E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 12, 13, 24

Township: 23S

Range: 31E