

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**  Initial Report  Final Report

Name of Company Linn Operating Inc.	Contact E.L. Gonzales
Address 2130 W Bender Blvd Hobbs, NM 88240	Telephone No. 575-738-1739
Facility Name MGU #2	Facility Type Injection

Surface Owner Federal	Mineral Owner	API No. 30-025-42628
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**LOCATION OF RELEASE**

Unit Letter O	Section 21	Township 17S	Range 32E	Feet from the 400	North/South Line South	Feet from the 2100	East/West Line East	County Lea
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**Latitude** 32.8139238102197 **Longitude** -103.769739540332

**NATURE OF RELEASE**

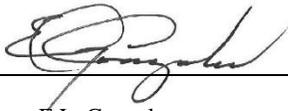
Type of Release Oil	Volume of Release 1/2 bbl	Volume Recovered 0
Source of Release Steel Pipeline	Date and Hour of Occurrence 10/25/2015	Date and Hour of Discovery 10/25/2015 10:00am
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* Today while running route there was an apparent release of fluid that was 1000 ft. west of the MGU #2 wellhead+B6 alongside of the road coming from a 2 inch steel flow line. Once the line was traced we found that it belonged to Linn and we proceeded to shut in the wells that the line belonged to. Once shut off we were able to find that the 2 inch steel line and a small pin hole the fluid was coming out of.

Describe Area Affected and Cleanup Action Taken.\* The release was approximately 15ft at the widest point and 10ft long. A small amount of fluid ran east downhill along the road that was no more than 10 ft. long but no longer than 4 inches wide. The release, for the most part stayed on the road with a small amount being in the pasture. The fluid released was oil and was about half a barrel in total with zero barrels being recovered.

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: 	<b><u>OIL CONSERVATION DIVISION</u></b>	
Printed Name: E.L. Gonzales	Approved by Environmental Specialist:	
Title: Production Supervisor	Approval Date:	Expiration Date:
E-mail Address: elgonzales@linenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/30/2015 Phone: 505-504-8002		

\* Attach Additional Sheets If Necessary



June 15, 2016

RICK RICKMAN

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: MGU #2

Enclosed are the results of analyses for samples received by the laboratory on 06/14/16 12:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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](http://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". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	06/14/2016	Sampling Date:	06/14/2016
Reported:	06/15/2016	Sampling Type:	Soil
Project Name:	MGU #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SAMPLE PT. 1 @ 1.5' (H601299-01)**

BTEX 8260B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/14/2016	ND	1.73	86.4	2.00	6.97		
Toluene*	<0.050	0.050	06/14/2016	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	06/14/2016	ND	2.18	109	2.00	6.23		
Total Xylenes*	<0.150	0.150	06/14/2016	ND	7.27	121	6.00	6.51		
Total BTEX	<0.300	0.300	06/14/2016	ND						

Surrogate: Dibromofluoromethane 96.8 % 86.5-122

Surrogate: Toluene-d8 108 % 85.7-112

Surrogate: 4-Bromofluorobenzene 90.3 % 86.3-117

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>848</b>	16.0	06/14/2016	ND	416	104	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	06/14/2016	ND	211	106	200	2.90		
DRO >C10-C28	<10.0	10.0	06/14/2016	ND	208	104	200	0.505		

Surrogate: 1-Chlorooctane 68.7 % 35-147

Surrogate: 1-Chlorooctadecane 73.8 % 28-171

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 06/14/2016  
 Reported: 06/15/2016  
 Project Name: MGU #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 06/14/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SAMPLE PT. 2 @ 1' (H601299-02)**

BTEX 8260B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2016	ND	1.73	86.4	2.00	6.97		
Toluene*	<0.050	0.050	06/15/2016	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	06/15/2016	ND	2.18	109	2.00	6.23		
Total Xylenes*	<0.150	0.150	06/15/2016	ND	7.27	121	6.00	6.51		
Total BTEX	<0.300	0.300	06/15/2016	ND						

Surrogate: Dibromofluoromethane 98.9 % 86.5-122

Surrogate: Toluene-d8 106 % 85.7-112

Surrogate: 4-Bromofluorobenzene 92.9 % 86.3-117

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>256</b>	16.0	06/14/2016	ND	416	104	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	06/15/2016	ND	211	106	200	2.90		
<b>DRO &gt;C10-C28</b>	<b>12.6</b>	10.0	06/15/2016	ND	208	104	200	0.505		

Surrogate: 1-Chlorooctane 85.5 % 35-147

Surrogate: 1-Chlorooctadecane 88.9 % 28-171

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 06/14/2016  
 Reported: 06/15/2016  
 Project Name: MGU #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 06/14/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SAMPLE PT. 3 @ 1' (H601299-03)**

BTEX 8260B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/14/2016	ND	1.73	86.4	2.00	6.97		
Toluene*	<0.050	0.050	06/14/2016	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	06/14/2016	ND	2.18	109	2.00	6.23		
Total Xylenes*	<0.150	0.150	06/14/2016	ND	7.27	121	6.00	6.51		
Total BTEX	<0.300	0.300	06/14/2016	ND						

Surrogate: Dibromofluoromethane 98.3 % 86.5-122

Surrogate: Toluene-d8 110 % 85.7-112

Surrogate: 4-Bromofluorobenzene 91.9 % 86.3-117

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>176</b>	16.0	06/14/2016	ND	416	104	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	06/15/2016	ND	211	106	200	2.90		
DRO >C10-C28	<10.0	10.0	06/15/2016	ND	208	104	200	0.505		

Surrogate: 1-Chlorooctane 66.8 % 35-147

Surrogate: 1-Chlorooctadecane 64.3 % 28-171

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 06/14/2016  
 Reported: 06/15/2016  
 Project Name: MGU #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 06/14/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SAMPLE PT. 4 @ 1' (H601299-04)**

BTEX 8260B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/14/2016	ND	1.73	86.4	2.00	6.97		
Toluene*	<0.050	0.050	06/14/2016	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	06/14/2016	ND	2.18	109	2.00	6.23		
Total Xylenes*	<0.150	0.150	06/14/2016	ND	7.27	121	6.00	6.51		
Total BTEX	<0.300	0.300	06/14/2016	ND						

Surrogate: Dibromofluoromethane 95.7 % 86.5-122

Surrogate: Toluene-d8 110 % 85.7-112

Surrogate: 4-Bromofluorobenzene 92.9 % 86.3-117

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	06/14/2016	ND	416	104	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	06/15/2016	ND	211	106	200	2.90		
DRO >C10-C28	<10.0	10.0	06/15/2016	ND	208	104	200	0.505		

Surrogate: 1-Chlorooctane 79.4 % 35-147

Surrogate: 1-Chlorooctadecane 75.9 % 28-171

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 06/14/2016  
 Reported: 06/15/2016  
 Project Name: MGU #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 06/14/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SAMPLE PT. 5 @ 1' (H601299-05)**

BTEX 8260B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/14/2016	ND	1.73	86.4	2.00	6.97		
Toluene*	<0.050	0.050	06/14/2016	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	06/14/2016	ND	2.18	109	2.00	6.23		
Total Xylenes*	<0.150	0.150	06/14/2016	ND	7.27	121	6.00	6.51		
Total BTEX	<0.300	0.300	06/14/2016	ND						

Surrogate: Dibromofluoromethane 96.7 % 86.5-122

Surrogate: Toluene-d8 110 % 85.7-112

Surrogate: 4-Bromofluorobenzene 92.5 % 86.3-117

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	06/14/2016	ND	416	104	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	06/15/2016	ND	211	106	200	2.90		
DRO >C10-C28	<10.0	10.0	06/15/2016	ND	208	104	200	0.505		

Surrogate: 1-Chlorooctane 77.5 % 35-147

Surrogate: 1-Chlorooctadecane 82.2 % 28-171

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 06/14/2016  
 Reported: 06/15/2016  
 Project Name: MGU #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 06/14/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SAMPLE PT. 6 @ 1' (H601299-06)**

BTEX 8260B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2016	ND	1.73	86.4	2.00	6.97	
Toluene*	<0.050	0.050	06/14/2016	ND	2.22	111	2.00	6.28	
Ethylbenzene*	<0.050	0.050	06/14/2016	ND	2.18	109	2.00	6.23	
Total Xylenes*	<0.150	0.150	06/14/2016	ND	7.27	121	6.00	6.51	
Total BTEX	<0.300	0.300	06/14/2016	ND					

Surrogate: Dibromofluoromethane 95.5 % 86.5-122

Surrogate: Toluene-d8 110 % 85.7-112

Surrogate: 4-Bromofluorobenzene 91.1 % 86.3-117

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	06/14/2016	ND	416	104	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	06/15/2016	ND	211	106	200	2.90	
DRO >C10-C28	<10.0	10.0	06/15/2016	ND	208	104	200	0.505	

Surrogate: 1-Chlorooctane 87.7 % 35-147

Surrogate: 1-Chlorooctadecane 88.3 % 28-171

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 06/14/2016  
 Reported: 06/15/2016  
 Project Name: MGU #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 06/14/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SAMPLE PT. 7 @ 1' (H601299-07)**

BTEX 8260B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/14/2016	ND	1.73	86.4	2.00	6.97		
Toluene*	<0.050	0.050	06/14/2016	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	06/14/2016	ND	2.18	109	2.00	6.23		
Total Xylenes*	<0.150	0.150	06/14/2016	ND	7.27	121	6.00	6.51		
Total BTEX	<0.300	0.300	06/14/2016	ND						

*Surrogate: Dibromofluoromethane* 97.7 % 86.5-122

*Surrogate: Toluene-d8* 109 % 85.7-112

*Surrogate: 4-Bromofluorobenzene* 90.3 % 86.3-117

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/14/2016	ND	416	104	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	06/15/2016	ND	211	106	200	2.90		
DRO >C10-C28	<10.0	10.0	06/15/2016	ND	208	104	200	0.505		

*Surrogate: 1-Chlorooctane* 71.7 % 35-147

*Surrogate: 1-Chlorooctadecane* 77.1 % 28-171

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

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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



# CARDINAL Laboratories

RUSH

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>LNH</u>		P.O. #:		ANALYSIS REQUEST	
Project Manager: <u>Rick Arkman</u>		Company:			
Address:		Attn:			
City:		Address:			
State:		City:			
Zip:		State:			
Phone #:		Zip:			
Fax #:		Phone #:			
Project #:		Project Owner:			
Project Name: <u>LNH</u>		Project Location: <u>MGU #002</u>			
Project Location: <u>MGU #002</u>		Sample Name: <u>Chris Flores</u>			
Sample Name: <u>Chris Flores</u>		FOR LAB USE ONLY			
Lab I.D. <u>H601299</u>		Sample I.D.			
Sample Point 1 @ 1.5'		(G)RAB OR (C)OMP.			
Sample Point 2 @ 1'		# CONTAINERS			
Sample Point 3 @ 1'		GROUNDWATER			
Sample Point 4 @ 1'		WASTEWATER			
Sample Point 5 @ 1'		SOIL			
Sample Point 6 @ 1'		OIL			
Sample Point 7 @ 1'		SLUDGE			
Sample Point 8 @ 1'		OTHER:			
Sample Point 9 @ 1'		ACID/BASE:			
Sample Point 10 @ 1'		ICE / COOL			
Sample Point 11 @ 1'		OTHER:			
Sample Point 12 @ 1.5'		DATE			
Sample Point 13 @ 1.5'		TIME			
Sample Point 14 @ 1.5'		Chloride			
Sample Point 15 @ 1.5'		TPH			
Sample Point 16 @ 1.5'		BTEX			
Sample Point 17 @ 1.5'					
Sample Point 18 @ 1.5'					
Sample Point 19 @ 1.5'					
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Sample Point 98 @ 1.5'					
Sample Point 99 @ 1.5'					
Sample Point 100 @ 1.5'					

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Relinquished By: [Signature] Date: 6/14/2016 Received By: [Signature] Date: 6/14/2016

Relinquished By: [Signature] Date: 6/14/2016 Received By: [Signature] Date: 6/14/2016

Time: \_\_\_\_\_

Delivered By: (Circle One) UPS - UPS - Bus - Other: \_\_\_\_\_

Sample Condition: 5.30 Cool In tact  Yes  No

CHECKED BY: [Signature] (Initials)

REMARKS: values inurbation @ Flores @ diversifedfsi.com

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

# Soil Delineation

SP1										SP2										SP3									
Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X	Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X	Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	2,196	58.6								SS	88	0.4								SS	110	0.4							
1.5'	678	0	848	<10	<10	<0.05	<0.05	<0.05	<0.15	1'	209	10.7	256	<10	12.6	<0.05	<0.05	<0.05	<0.15	1'	173	0	176	<10	<10	<0.05	<0.05	<0.05	<0.15

SP4										SP5										SP6									
Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X	Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X	Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	7,062	35.4								SS	7,137	5								SS	174	1.5							
1'	117	0	48	<10	<10	<0.05	<0.05	<0.05	<0.15	1'	112	0	48	<10	<10	<0.05	<0.05	<0.05	<0.15	1'	266	0	160	<10	<10	<0.05	<0.05	<0.05	<0.15

SP7										SB1										SB2									
Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X	Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X	Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	8,995	115								SS	7,000	25.3								SS	8,500	15.5							
1'	87	0	<16	<10	<10	<0.05	<0.05	<0.05	<0.15	1'	570	0.5	576	<10	<10	<0.05	<0.05	<0.05	<0.15	1'	224	1.1	<16	<10	<10	<0.05	<0.05	<0.05	<0.15
										2'	503	0.8	448	<10	<10	<0.05	<0.05	<0.05	<0.15	2'	213	0.5	64	<10	<10	<0.05	<0.05	<0.05	<0.15



**Legend**

- ▲ Sample Points
- ⊕ Soil Bores
- ★ Source
- Oil and Produced Water (4893 sq ft)

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



**Linn**  
**MGU #002**  
**Unit Letter O, Section 21, T17S, R32E**  
**Lea County, NM**  
**API #: 30-025-42628**

Mapped: 10/26/2015 LC  
 Drafted by: L. Flores  
 06/16/2016

0 12.525 50 75 100  
 Feet