

HE West A #032

## CLOSURE REQUEST

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API No. 30-015-28324

Unit Letter G, Section 3, Township 17 South, Range 31 East

NMOCD Case #: 2R-715

August 7, 2017

**Prepared by:**

Michael Alves

Environmental Department

Diversified Field Service, Inc.

206 W Snyder

Hobbs, NM 88240

Phone: (575)964-8394

Fax: (575)393-8396

Mike Bratcher  
Environmental Specialist  
NM Oil Conservation District – Division 2  
811 S First St  
Artesia, NM 88210

RE: **Linn HE West A #032**  
**Closure Request**  
UL/G, Section 3, T17S, R31E  
API No. 30-015-28324  
NMOCD Case #: 2R-715  
NMOCD Score: 0

Mr. Bratcher,

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

The site is located west of Maljamar, NM, in Lea County. The spill resulted from a flowline, releasing an unknown amount of produced water and oil, with no known fluids recovered. An initial C-141 was submitted to NMOCD on March 30, 2011 and approved on April 6, 2011 (Appendix I).

### **Site Assessment and Delineation**

After the release occurred, there appeared to be remediated actions at the site. On July 3, 2017, DFSI personnel were on site to obtain samples within the leak area (Appendix II). One sample was obtained and field sampled for chloride levels, as well as BTEX (Figure 1). The BTEX samples were screened using a Mini Rae Photoionization Detector (PID). A clean field sample was submitted for analysis at Hall Environmental of Albuquerque, NM, resulting in concentrations below regulatory limits throughout (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 this site. Therefore, no eminent danger of groundwater impact or threat to life is anticipated (Appendix IV).

## Conclusion

Due to the low concentrations of chlorides, TPH and BTEX, and any remaining constituents will not impact groundwater, DFSI, on behalf of Linn Energy, submits the final C-141 (Appendix V) and respectfully requests the closure of the regulatory file for this site.

Please feel free to contact myself with any questions concerning this proposed remediation request.

Sincerely,



Michael Alves  
Environmental Operations Foreman | Diversified Field Service, Inc.  
206 West Snyder | Hobbs, NM 88240  
Office: (575)964-8394 | Mobile: (575)631-3364  
Fax: (575)964-8396 | Email: Malves@diversifiedfsi.com

CC: Shelly Tucker, BLM

Figures: Site Diagram

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

# Site Map

Depth	SP1							
	Cl-	PID	Lab Cl-	GRO	B	T	E	X
SS	54	7.6						
1'	107	18.8						
2'	60	43.8						
3'	81	15						
4'	137	13.8	ND	ND	ND	ND	ND	ND



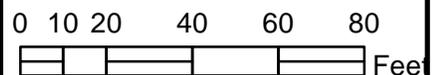
## Legend

-  Sample Points
-  Produced Water (464 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**  
**HE West A #032**  
**Unit Letter G, Sec. 3, T17S, R31E**  
**Eddy County, NM**  
**API #: 30-015-28324**  
**NMOCD Case #: 2R-715**



# Appendix I

INITIAL C-141

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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

**RECEIVED**  
MAR 31 2011  
NMOCD ARTESIA

Form C-141  
Revised October 10, 2003  
Copies to appropriate District Office in accordance with Rule 116 on back side of form

**Release Notification and Corrective Action**

*AKmw 1109627455*

**OPERATOR**  Initial Report  Final Report

Name of Company Linn Energy	Contact Dennis Potter
Address PO Box 69, Loco Hills, NM 88255	Telephone No. 575 677 2327
Facility Name H E West A #32	Facility Type Oil Well

Surface Owner BLM	Mineral Owner BLM	Lease No. NMLC029426A API 30-015-28324
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	3	17S	31E					Eddy

Latitude N32.8637 Longitude W103.8533 (Release Site)

**NATURE OF RELEASE**

Type of Release Produced Water/Hydrocarbons	Volume of Release Unknown	Volume Recovered Unknown
Source of Release Flow Line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery Feb 11
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		

Describe Cause of Problem and Remedial Action Taken.\*  
The release is the result of a flow line failure and the affected area is approximately 100 yards north of the well near the road intersection. Visual evidence supports some remedial action was taken at the time of the release. The affected area will be delineated and a work plan for remediation will be sent to NM OCD and BLM for review and approval.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Dennis Potter</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Dennis Potter	Approved by District <i>Mike Brannon</i>	Signed By <i>Mike Brannon</i>
Title: Assistant Production Foreman	Approval Date: <i>4/6/11</i>	Expiration Date:
E-mail Address: dpotter@linnenergy.com	Conditions of Approval: Remediation per OCD Rules & Guidelines. <b>SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:</b>	
Date: 30Mar11 Phone: 505 206 7673	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

**PROPOSAL NOT LATER THAN:**  
*5/4/11*

*2RP 715*

# Appendix II

## SITE PHOTOS

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# HE West A #032



# Appendix III

## LABORATORY ANALYSIS

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



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

July 14, 2017

Michael Burton  
Diversified Field Services, Inc  
315 S. Leech St  
Hobbs, NM 88240  
TEL: (575) 964-8394  
FAX

RE: HE West A 32

OrderNo.: 1707312

Dear Michael Burton:

Hall Environmental Analysis Laboratory received 1 sample(s) on 7/7/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1707312

Date Reported: 7/14/2017

**CLIENT:** Diversified Field Services, Inc

**Client Sample ID:** SP1 @ 4'

**Project:** HE West A 32

**Collection Date:** 7/3/2017

**Lab ID:** 1707312-001

**Matrix:** SOIL

**Received Date:** 7/7/2017 10:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 418.1: TPH</b>							Analyst: <b>MAB</b>
Petroleum Hydrocarbons, TR	91	20		mg/Kg	1	7/12/2017 9:30:00 AM	32723
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	30		mg/Kg	20	7/12/2017 5:07:42 PM	32761
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/11/2017 7:10:18 PM	32708
Surr: BFB	94.3	54-150		%Rec	1	7/11/2017 7:10:18 PM	32708
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.096		mg/Kg	1	7/11/2017 7:10:18 PM	32708
Benzene	ND	0.024		mg/Kg	1	7/11/2017 7:10:18 PM	32708
Toluene	ND	0.048		mg/Kg	1	7/11/2017 7:10:18 PM	32708
Ethylbenzene	ND	0.048		mg/Kg	1	7/11/2017 7:10:18 PM	32708
Xylenes, Total	ND	0.096		mg/Kg	1	7/11/2017 7:10:18 PM	32708
Surr: 4-Bromofluorobenzene	119	66.6-132		%Rec	1	7/11/2017 7:10:18 PM	32708

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:		
*	Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL	Practical Quantitative Limit	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1707312

14-Jul-17

**Client:** Diversified Field Services, Inc

**Project:** HE West A 32

Sample ID <b>MB-32723</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 418.1: TPH</b>							
Client ID: <b>PBS</b>	Batch ID: <b>32723</b>		RunNo: <b>44146</b>							
Prep Date: <b>7/11/2017</b>	Analysis Date: <b>7/12/2017</b>		SeqNo: <b>1393196</b>	Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID <b>LCS-32723</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 418.1: TPH</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>32723</b>		RunNo: <b>44146</b>							
Prep Date: <b>7/11/2017</b>	Analysis Date: <b>7/12/2017</b>		SeqNo: <b>1393197</b>	Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	100	20	100.0	0	100	61.7	138			

Sample ID <b>LCSD-32723</b>	SampType: <b>LCSD</b>		TestCode: <b>EPA Method 418.1: TPH</b>							
Client ID: <b>LCSS02</b>	Batch ID: <b>32723</b>		RunNo: <b>44146</b>							
Prep Date: <b>7/11/2017</b>	Analysis Date: <b>7/12/2017</b>		SeqNo: <b>1393198</b>	Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	97	20	100.0	0	97.0	61.7	138	3.37	20	

**Qualifiers:**

- |   |   |
|---|---|
| * Value exceeds Maximum Contaminant Level.              | B Analyte detected in the associated Method Blank           |
| D Sample Diluted Due to Matrix                          | E Value above quantitation range                            |
| H Holding times for preparation or analysis exceeded    | J Analyte detected below quantitation limits                |
| ND Not Detected at the Reporting Limit                  | P Sample pH Not In Range                                    |
| PQL Practical Quantitative Limit                        | RL Reporting Detection Limit                                |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1707312

14-Jul-17

**Client:** Diversified Field Services, Inc

**Project:** HE West A 32

Sample ID <b>MB-32708</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>32708</b>		RunNo: <b>44123</b>							
Prep Date: <b>7/10/2017</b>	Analysis Date: <b>7/11/2017</b>		SeqNo: <b>1392985</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	54	150			

Sample ID <b>LCS-32708</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>32708</b>		RunNo: <b>44123</b>							
Prep Date: <b>7/10/2017</b>	Analysis Date: <b>7/11/2017</b>		SeqNo: <b>1392986</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.0	76.4	125			
Surr: BFB	1200		1000		116	54	150			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1707312

14-Jul-17

**Client:** Diversified Field Services, Inc

**Project:** HE West A 32

Sample ID: <b>MB-32708</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>32708</b>	RunNo: <b>44123</b>								
Prep Date: <b>7/10/2017</b>	Analysis Date: <b>7/11/2017</b>	SeqNo: <b>1393004</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.4		1.000		136	66.6	132			S

Sample ID: <b>LCS-32708</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>32708</b>	RunNo: <b>44123</b>								
Prep Date: <b>7/10/2017</b>	Analysis Date: <b>7/11/2017</b>	SeqNo: <b>1393005</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.0	0.10	1.000	0	103	66.5	120			
Benzene	1.1	0.025	1.000	0	111	80	120			
Toluene	1.1	0.050	1.000	0	112	80	120			
Ethylbenzene	1.1	0.050	1.000	0	113	80	120			
Xylenes, Total	3.4	0.10	3.000	0	115	80	120			
Surr: 4-Bromofluorobenzene	1.4		1.000		141	66.6	132			S

**Qualifiers:**

- |   |   |
|---|---|
| * Value exceeds Maximum Contaminant Level.              | B Analyte detected in the associated Method Blank           |
| D Sample Diluted Due to Matrix                          | E Value above quantitation range                            |
| H Holding times for preparation or analysis exceeded    | J Analyte detected below quantitation limits                |
| ND Not Detected at the Reporting Limit                  | P Sample pH Not In Range                                    |
| PQL Practical Quantitative Limit                        | RL Reporting Detection Limit                                |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

**Sample Log-In Check List**

Client Name: **DIVERSIFIED FIELD SE**

Work Order Number: **1707312**

RcptNo: **1**

Received By: **Erin Melendrez** 7/7/2017 10:25:00 AM

*[Signature]*

Completed By: **Ashley Gallegos** 7/7/2017 4:02:45 PM

*[Signature]*

Reviewed By: *spe* 07/10/17

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? Courier

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: \_\_\_\_\_  
 (<2 or >12 unless noted)  
 Adjusted? \_\_\_\_\_  
 Checked by: \_\_\_\_\_

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

17. Additional remarks:

**18. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.0	Good	Yes			

# Chain-of-Custody Record

Client: DIVERSIFIED  
PO # 8486

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation

NELAP  Other

EDD (Type)

Turn-Around Time:

Standard  Rush

Project Name:

HEWEST A #32

Project #:

Project Manager:

MICHAEL BURTON  
SAMPLER: EUSAH KASON

On Ice:  Yes  No

Sample Temperature: 5.1 - 0.1 (C) = 5.0

Date Time Matrix Sample Request ID

7-3-17 SOIL SPIC4'

Container Type and #

SAR

Preservative Type

COOL

HEAL No.

1767312  
-001

Date: 7-6-17 1530

Relinquished by: Elyse R

Date: 7/6/17 1900

Relinquished by: [Signature]

Receiver of:

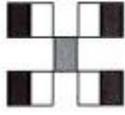
[Signature]  
 Date: 7/6/17 1530

Received by:

[Signature]  
 Date: 7/7/17 1025

Remarks:

EMAIL ALL @ DIVERSIFIED



# HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

BTEX + MTBE + TMB's (8021)	<input checked="" type="checkbox"/>
BTEX + MTBE + TPH (Gas only)	<input checked="" type="checkbox"/>
TPH 8015B (GRO / DRO / MRO)	
TPH (Method 418.1)	<input checked="" type="checkbox"/>
EDB (Method 504.1)	
PAH's (8310 or 8270 SIMS)	
RCRA 8 Metals	<input checked="" type="checkbox"/>
Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	<input checked="" type="checkbox"/>
8081 Pesticides / 8082 PCB's	
8260B (VOA)	
8270 (Semi-VOA)	
Air Bubbles (Y or N)	

# Appendix IV

## GROUNDWATER STUDY

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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

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 2, 3, 4, 9, 10, 11 Township: 17S Range: 31E

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.

8/3/17 3:25 PM

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



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

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 33, 34, 35      Township: 16S      Range: 31E

---

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.

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8/3/17 3:25 PM

WATER COLUMN/ AVERAGE  
DEPTH TO WATER

# Appendix V

FINAL C-141

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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**

Initial Report  Final Report

Name of Company: Linn Energy	Contact: Aaron Hickert
Address: 2130 W Bender, Hobbs, NM 88240	Telephone No. 432-363-9496
Facility Name: HE West A #032	Facility Type: Oil Well

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-28324
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from	East/West Line	County
G	3	17S	31E	2622	North	1330	East	Eddy

Latitude: 32.8634 Longitude: -103.8533

**NATURE OF RELEASE**

Type of Release: Oil/Produced Water	Volume of Release: Unknown	Volume Recovered: Unknown
Source of Release: Flowline	Date and Hour of Occurrence Unknown	Date and Hour of Discovery February 2011
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom? Joe Hernandez	Date and Hour: 09/14/2011 2:00 PM	
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.\*  
The release is the result of a flow line failure and the affected area is approximately 100 yards north of the well near the road intersection. Visual evidence supports some remedial action was taken at the time of the release.

Describe Area Affected and Cleanup Action Taken.  
After the release occurred, it appears the site was remediated in some form. On July 3, 2017, DFSI personnel were on site to obtain samples within the leak area. One sample was obtained and field sampled for chloride levels, as well as BTEX. The BTEX samples were screened using a Mini Rae Photoionization Detector (PID). A Clean field sample under regulatory guidelines was submitted for analysis at Hall Environmental of Albuquerque, NM, resulting in concentrations below regulatory limits throughout.

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>OIL CONSERVATION DIVISION</b>	
Printed Name: Aaron Hickert	Approved by Environmental Specialist:	
Title: Sr EH&S Representative	Approval Date:	Expiration Date:
E-mail Address: ahickert@linenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 08/07/2017 Phone: 432-363-9496		

\* Attach Additional Sheets If Necessary