



HE West A #022 Flowline

CLOSURE REQUEST

API No. 30-015-27127

Unit Letter I, Section 4, Township 17 South, Range 31 East

NMOCD Case #: 2R-976

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 #022 Flowline
Closure Request**
UL/H, Section 4, T17S, R31E
API No. 30-015-27127
NMOCD Case #: 2R-976
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 ruptured flowline, releasing a total of 3 barrels of oil and 5 barrels of produced water, with 1 barrel of oil recovered. An initial C-141 was submitted to NMOCD on September 14, 2011 and was approved on December 19, 2011 (Appendix I).

Site Assessment and Delineation

After the release occurred, the release area was scraped, with contaminated soils properly disposed of. On July 5, 2017, DFSI personnel were on site to obtain samples within the leak area (Appendix II). Two samples were 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). Clean field samples under regulatory guidelines were 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 closure 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

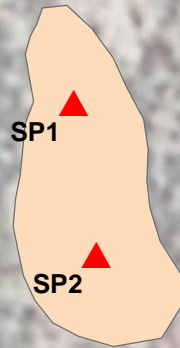
Figures: Site Diagram

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



Site Map

SP1								
Depth	CI-	PID	Lab CI-	GRO	B	T	E	X
SS	48	7.2						
1'	57	0						
2'	45	3						
3'	51	7.1						
4'	56	5.7	ND	ND	ND	ND	ND	ND

SP2								
Depth	CI-	PID	Lab CI-	GRO	B	T	E	X
SS	51	9.5						
1'	51	15.2						
2'	46	19.7						
3'	46	9.9						
4'	49	4	ND	ND	ND	ND	ND	ND



Legend

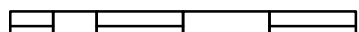
-  Sample Points
-  Oil and Produced Water (2087 sq ft)

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 #022
UL/H, Section 4, T17S, R31E
API No. 30-015-27127
NMOCD Case #: 2R-976



0 10 20 40 60 80
 Feet

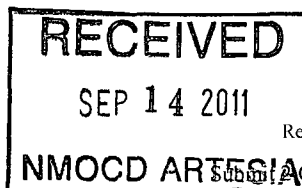
Appendix I

INITIAL C-141

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
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 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-27127

Release Notification and Corrective Action

NMLB1135340848

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: LINN Energy	Contact: Joe Hernandez
Address: 2130 W Bender Blvd. - Hobbs, NM	Telephone No.: 575-942-8675
Facility Name: HE West A Well 22 & 23 Flowline	Facility Type: Oil Well - Flowline

Surface Owner: BLM	Mineral Owner: BLM	Lease No.: LC 029429-A
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HE WEST A 22

LOCATION OF RELEASE

Unit Letter II	Section 4	Township 17S	Range 31E	Feet from the 1345	North/South Line S	Feet from the 35	East/West Line E	County Eddy
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Latitude: 32.8588629 Longitude: -103.8721308

NATURE OF RELEASE

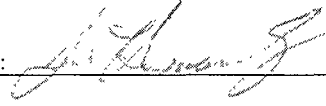
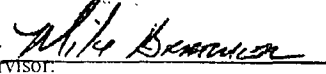
Type of Release: Oil/Produced Water	Volume of Release: 3/5	Volume Recovered: 1
Source of Release: Flowline	Date and Hour of Occurrence: 08/23/11 - 1430	Date and Hour of Discovery: 08/23/1430
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? T. Gregston, BLM - M. Bratcher OCD	
By Whom? Joe Hernandez	Date and Hour: 09/14/11, 1400	
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.*: Line pressure built up causing the line to rupture. Suspected cause of pressure buildup was scale. Shut in wells, removed and replaced damaged section of line.

Describe Area Affected and Cleanup Action Taken.*: Overspray impacted road and pasture area. Some accumulations of hydrocarbons are in the pasture area. Spill area on road is ~ 180' x 10'. Spill area in pasture is ~ 60' in diameter at the north end with a smaller path ~ 70' x 5' migrating south next to the east side of the road. Impacted soils in pasture area will be removed. Impacted area of road (1'-2") and will be stripped out. Corrective action plan, Photographs and Site Map Attached Corrective action plan will be pending BLM approval and any other stipulations

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: Jose Hernandez	Signed By  Approved by District Supervisor:	
Title: Foreman	Approval Date: DEC 19 2011	Expiration Date:
E-mail Address: jhernandez@linneenergy.com	Conditions of Approval: Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN: 1/19/2012	Attached <input type="checkbox"/>
Date: 09/14/11 Phone: 575-738-1739		

* Attach Additional Sheets If Necessary

2RP-976
<LATE ENTRY>

Appendix II

SITE PHOTOS

HE West A #022 Flowline



Site prior



Site prior



Site prior



Site prior



Collecting sample by hand auger



Collecting sample by hand auger

Appendix III

LABORATORY ANALYSIS

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

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 22 Flow Line

OrderNo.: 1707331

Dear Michael Burton:

Hall Environmental Analysis Laboratory received 2 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 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 horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1707331

Date Reported: 7/14/2017

CLIENT: Diversified Field Services, Inc

Client Sample ID: SP1 @ 4'

Project: HE West A 22 Flow Line

Collection Date: 7/5/2017

Lab ID: 1707331-001

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH							Analyst: MAB
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	7/12/2017 9:30:00 AM	32723
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	7/12/2017 3:53:14 PM	32761
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/11/2017 3:56:09 PM	32708
Surr: BFB	93.2	54-150		%Rec	1	7/11/2017 3:56:09 PM	32708
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	7/11/2017 3:56:09 PM	32708
Benzene	ND	0.025		mg/Kg	1	7/11/2017 3:56:09 PM	32708
Toluene	ND	0.049		mg/Kg	1	7/11/2017 3:56:09 PM	32708
Ethylbenzene	ND	0.049		mg/Kg	1	7/11/2017 3:56:09 PM	32708
Xylenes, Total	ND	0.098		mg/Kg	1	7/11/2017 3:56:09 PM	32708
Surr: 4-Bromofluorobenzene	124	66.6-132		%Rec	1	7/11/2017 3:56:09 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1707331

Date Reported: 7/14/2017

CLIENT: Diversified Field Services, Inc

Client Sample ID: SP2 @ 4'

Project: HE West A 22 Flow Line

Collection Date: 7/5/2017

Lab ID: 1707331-002

Matrix: SOIL

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

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH							Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19		mg/Kg	1	7/12/2017 9:30:00 AM	32723
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	7/12/2017 4:05:39 PM	32761
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/11/2017 5:09:07 PM	32708
Surr: BFB	94.9	54-150		%Rec	1	7/11/2017 5:09:07 PM	32708
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	7/11/2017 5:09:07 PM	32708
Benzene	ND	0.025		mg/Kg	1	7/11/2017 5:09:07 PM	32708
Toluene	ND	0.050		mg/Kg	1	7/11/2017 5:09:07 PM	32708
Ethylbenzene	ND	0.050		mg/Kg	1	7/11/2017 5:09:07 PM	32708
Xylenes, Total	ND	0.10		mg/Kg	1	7/11/2017 5:09:07 PM	32708
Surr: 4-Bromofluorobenzene	123	66.6-132		%Rec	1	7/11/2017 5:09:07 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#: 1707331

14-Jul-17

Client: Diversified Field Services, Inc

Project: HE West A 22 Flow Line

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

Sample ID	LCS-32723		SampType: LCS		TestCode: EPA Method 418.1: TPH					
Client ID:	LCSS		Batch ID: 32723		RunNo: 44146					
Prep Date:	7/11/2017		Analysis Date: 7/12/2017		SeqNo: 1393197		Units: mg/Kg			
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	LCSD-32723		SampType: LCSD		TestCode: EPA Method 418.1: TPH					
Client ID:	LCSS02		Batch ID: 32723		RunNo: 44146					
Prep Date:	7/11/2017		Analysis Date: 7/12/2017		SeqNo: 1393198		Units: mg/Kg			
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.
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#: 1707331

14-Jul-17

Client: Diversified Field Services, Inc

Project: HE West A 22 Flow Line

Sample ID	MB-32708		SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	PBS		Batch ID: 32708		RunNo: 44123					
Prep Date:	7/10/2017		Analysis Date: 7/11/2017		SeqNo: 1392985		Units: mg/Kg			
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	LCS-32708		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 32708		RunNo: 44123					
Prep Date:	7/10/2017		Analysis Date: 7/11/2017		SeqNo: 1392986		Units: mg/Kg			
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			

Sample ID	1707331-001AMS		SampType: MS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	SP1 @ 4'		Batch ID: 32708		RunNo: 44123					
Prep Date:	7/10/2017		Analysis Date: 7/11/2017		SeqNo: 1392993		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.8	24.25	0	114	77.8	128			
Surr: BFB	1100		969.9		112	54	150			

Sample ID	1707331-001AMSD		SampType:	MSD		TestCode:	EPA Method 8015D: Gasoline Range				
Client ID:	SP1 @ 4'		Batch ID:	32708		RunNo:	44123				
Prep Date:	7/10/2017		Analysis Date:	7/11/2017		SeqNo:	1392994		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	26	4.9	24.61	0	105	77.8	128	6.02	20		
Surr: BFB	1100		984.3		110	54	150	0	0		

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#: 1707331

14-Jul-17

Client: Diversified Field Services, Inc

Project: HE West A 22 Flow Line

Sample ID	MB-32708		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles					
Client ID:	PBS		Batch ID: 32708		RunNo: 44123					
Prep Date:	7/10/2017		Analysis Date: 7/11/2017		SeqNo: 1393004		Units: mg/Kg			
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	LCS-32708		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS		Batch ID: 32708		RunNo: 44123					
Prep Date:	7/10/2017		Analysis Date: 7/11/2017		SeqNo: 1393005		Units: mg/Kg			
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.
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

Sample Log-In Check List

Client Name: **DIVERSIFIED FIELD SE**

Work Order Number: **1707331**

RcptNo: **1**

Received By: **Erin Melendrez**

7/7/2017 10:25:00 AM

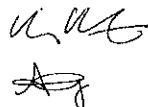
Completed By: **Ashley Gallegos**

7/9/2017 1:40:18 PM

Reviewed By:



07/09/17
10



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?
(Note discrepancies on chain of custody) Yes ☒ No ☐
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?
(If no, notify customer for authorization.) Yes ☒ No ☐

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:

Date:

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

18. Cooler Information

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

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

(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): 3, 5, 8, 9, 10 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 2:16 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): 32, 33, 34 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.

8/3/17 2:17 PM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Appendix V

FINAL C-141

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Linn Energy	Contact: Aaron Hickert
Address: 2130 W Bender, Hobbs, NM 88240	Telephone No. 432-363-9496
Facility Name: HE West A Well 22 & 23 Flowline	Facility Type: Oil Well – Flowline

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-27127
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LOCATION OF RELEASE

Unit Letter H	Section 4	Township 17S	Range 31E	Feet from the 1345	North/South Line South	Feet from 35	East/West Line East	County Eddy
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Latitude: 32.8588629 Longitude: -103.8721308

NATURE OF RELEASE

Type of Release: Oil/Produced Water	Volume of Release: 3 bbls / 5 bbls	Volume Recovered: 1 bbls / 0 bbls
Source of Release: Flowline	Date and Hour of Occurrence 08/23/2011 2:30 PM	Date and Hour of Discovery 08/23/2011 2:30 PM
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.*

Line pressure built up causing the line to rupture. Suspected cause of pressure buildup was scale. Shut in wells, removed and replaced damaged section of line. Overspray impacted road and pasture area. Some accumulations of hydrocarbons are in the pasture area. Spill area on road is ~ 180' x 10'. Spill area in pasture is ~ 60' in diameter at the north end with a smaller path ~ 70' x 5' migrating south next to the east side of the road.

Describe Area Affected and Cleanup Action Taken.

After the release occurred, the release area was scraped, with contaminated soils properly disposed of. On July 5, 2017, DFSI personnel were on site to obtain samples within the leak area. Two samples were obtained and field sampled for chloride levels, as well as BTEX. The BTEX samples were screened using a Mini Rae Photoionization Detector (PID). Clean field samples under regulatory guidelines were 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: 	OIL CONSERVATION DIVISION		
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