



H E West B #92

CLOSURE REPORT

API No. 30-015-28535

Release Date: May 11th, 2015

Unit Letter J, Section 9, Township 17 South, Range 31 East

June 2, 2015

Prepared by:

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

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Linn Energy HE West B #92

1 INTRODUCTION

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

The site is located northeast of Loco Hills, NM, in Eddy County. The leak site resulted from a truck hitting the flow line. The impacted area is the caliche lease road and south into the pasture. Approx. 1 bbl of produced water and 1 bbl of oil were released. One bbl of produced water and oil was recovered. A site map is attached. A C-141 was submitted to the NMOCD on May 12, 2015 (Appendix I).

2 SITE ACTIVITIES

On May 11, 2015, DFSI personnel responded to the release point on the lease road. DFSI personnel scraped up the contamination in the lease road. We took two samples of the spill area. Each sample was tested for chloride levels as well as BTEX. The BTEX samples were performed using a Mini Rae Photoionization Detector (PID). All field samples that field tested below state/BLM requirements were taken to Cardinal Lab of Hobbs to obtain confirmation samples. The results are attached (Appendix IV).

The impacted road was scraped and fixed. The spill area in the pasture was dug down to 4' bgs. All contaminated soil was hauled to New Mexico state approved disposal facility. The surrounding terrain was used for backfill and contoured. Photographs are attached (Appendix II).

The impacted pasture area was then reseeded with 10 pounds of BLM approved LPC seed mix.

3 CONCLUSION

According to the U.S. Geological Survey and the NM Office of the State Engineer, depth to groundwater in the area averages greater than 350 ft. bgs. Based on the removal of soils containing elevated chloride and hydrocarbon impact, DFSI Environmental, on behalf of Cimarex, respectfully requests the closure of this regulatory file.

Appendix I

INITIAL FORM 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 Operating Inc.	Contact	E.L. Gonzales
Address	2130 W Bender Blvd Hobbs, NM 88240	Telephone No.	575-738-1739
Facility Name	H.E. West B # 92	Facility Type	Oil Producer
Surface Owner	Federal	Mineral Owner	API No. 30-015-28538

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	09	17S	31E	1350	South	1440	East	Eddy

Latitude 32.8456 Longitude, -103.87019

NATURE OF RELEASE

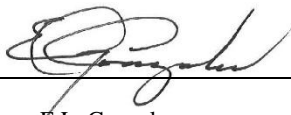
Type of Release	Oil / Produce Water	Volume of Release	1 bbl / 1 bbl	Volume Recovered	1 bbl / 1 bbl
Source of Release	Poly Pipeline	Date and Hour of Occurrence	05/11/2015	Date and Hour of Discovery	05/11/2015 2:30pm
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <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.* Mario Garcia (432)202-4333 with M&G rental tools was avoiding driving through mud puddle in road and drove off road and over flow lines. Flow line on WB#92 was damaged releasing fluid on the road into a puddle of fresh water, adjacent shrubbery, and a small amount into the pasture. Total fluid released was approximately 2 bbl total fluid. Mario Garcia called in Double R trucking to pick up liquids and will accept full liability and cost for the spill. Manuel with BTS (575) 942-8307 repaired the line.

Describe Area Affected and Cleanup Action Taken.* Puddle was apprx 30ft x 20ft, area affected in pasture was to the south apprx. 2ft x 30ft. Michael Burton with DFSI (575)942-4115 will handle further assessment.

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: 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: 05/12/2015	Phone: 505-504-8002		

* Attach Additional Sheets If Necessary

Appendix II

SITE PHOTOS



H E West B #92

PHOTO PAGE

5/11/2015





Appendix III

SITE MAP

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

Site Diagram

Linn, H.E. West B #92
UL/J, Sec. 09 T17S R31E
Eddy County, NM
Drafted By: Lance Crenshaw, 5-12-15

0 0.003 0.006 0.012 Miles

Legend

Misc_points

Types

- Electrical Box
- Power Pole
- Headers
- Injection
- Pumpjacks
- Tanks
- Valves
- Other
- Soil Bores
- sample_pts
- Source

Pipeline

Type

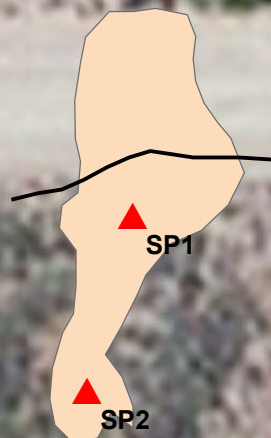
- Above Ground Line
- Buried Line

Spill

- <all other values>

Spill_Media

- Oil and Produced H2O
- Oil
- Other
- Produced Water



Spill Area:
1,603 sq. ft.

Source: Esri, DigitalGlobe, GeoEye, i-cube, swisstopo, and the GIS User Community

Lance Crenshaw
 GIS Technician

Soil Remediation and Ground Water Remediation
 Environmental Assessments
 Regulatory Compliance



Environmental

DFS

Services

Office: 575-964-8394
 Fax: 575-964-8396

Cell: 575-441-2359
 Email: lcrenshaw@diversifiedfsi.com

Appendix IV

LABORATORY ANALYSES

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

May 18, 2015

DENNIS POTTER

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: H. E. WEST B #92

Enclosed are the results of analyses for samples received by the laboratory on 05/13/15 8:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/13/2015	Sampling Date:	05/12/2015
Reported:	05/18/2015	Sampling Type:	Soil
Project Name:	H. E. WEST B #92	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 4' (H501225-01)

BTX 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	05/13/2015	ND	1.86	93.0	2.00	2.85	
Toluene*	<0.050	0.050	05/13/2015	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	1.89	94.3	2.00	3.15	
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.57	92.8	6.00	3.15	
Total BTX	<0.300	0.300	05/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

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	05/13/2015	ND	416	104	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	05/13/2015	ND	174	87.2	200	0.453	
DRO >C10-C28	<10.0	10.0	05/13/2015	ND	200	99.9	200	0.790	

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/13/2015	Sampling Date:	05/12/2015
Reported:	05/18/2015	Sampling Type:	Soil
Project Name:	H. E. WEST B #92	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 6' (H501225-02)

BTX 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	05/13/2015	ND	1.86	93.0	2.00	2.85	
Toluene*	<0.050	0.050	05/13/2015	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	1.89	94.3	2.00	3.15	
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.57	92.8	6.00	3.15	
Total BTX	<0.300	0.300	05/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-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	05/13/2015	ND	416	104	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	05/13/2015	ND	174	87.2	200	0.453	
DRO >C10-C28	<10.0	10.0	05/13/2015	ND	200	99.9	200	0.790	

Surrogate: 1-Chlorooctane 95.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Appendix V

SEED REPORT

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

DIVERSIFIED FIELD SERVICES, INC.

Project: Hewlett B92

Date Started: 5-29-15

Seed and lbs used: 10/lbs LPC

Date Completed: 5-29-15

Supervisor: James Earl

Curtis and Curtis, Inc.

4500 North Prince
Clovis, NM 88130
Phone: (575) 762-4759
www.curtisseed.com

Mike Burton
4 Acre LPC Mix
4 - 1 Acre Bags @ 40.35 Bulk Pounds Each

Lot#: M 13029

<u>Item</u>	<u>Origin</u>	<u>Purity</u>	<u>Cern</u>	<u>Dormant</u>	<u>Total Germination</u>	<u>Test Date</u>	<u>Total FLS Pounds</u>
Plains Bristlegrass VNS	Oklahoma	12.91%	15.00%	81.00%	96.00%	03/15	20.00
Sideoats Grama Vaughn	Texas	16.10%	46.00%	31.00%	77.00%	11/14	20.00
Little Bluestem	Nebraska	7.66%	97.00%	0.00%	97.00%(TZ)	02/15	12.00
Blaze							
Big Bluestem	Missouri	15.18%	93.00%	5.00%	98.00%	10/14	24.00
Kaw							
Coreopsis	Oregon	5.97%	83.00%	0.00%	83.00%(TZ)	11/14	8.00
Plains							
Sand Dropseed VNS	Colorado	2.61%	21.00%	74.00%	95.00%	01/15	4.00
Four Wing Saltbush VNS	New Mexico	21.01%	37.00%	22.00%	59.00%	03/15	20.00

Total Bulk Pounds: 161

Other Crop: 0.36%
Weed Seed: 0.30%
Inert Matter: 17.90%

There Are 4 Bags For This Mix
This Bag Weighs 40.35 Bulk Pounds
Use This Bag For 1 Acres

Appendix VI

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 Operating Inc.	Contact	E.L. Gonzales
Address	2130 W Bender Blvd Hobbs, NM 88240	Telephone No.	575-738-1739
Facility Name	H.E. West B # 92	Facility Type	Oil Producer
Surface Owner	Federal	Mineral Owner	API No. 30-015-28538

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	09	17S	31E	1350	South	1440	East	Eddy

Latitude 32.8456 Longitude, -103.87019

NATURE OF RELEASE

Type of Release	Oil / Produce Water	Volume of Release	1 bbl / 1 bbl	Volume Recovered	1 bbl / 1 bbl
Source of Release	Poly Pipeline	Date and Hour of Occurrence	05/11/2015	Date and Hour of Discovery	05/11/2015 2:30pm
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.* Mario Garcia (432)202-4333 with M&G rental tools was avoiding driving through mud puddle in road and drove off road and over flow lines. Flow line on WB#92 was damaged releasing fluid on the road into a puddle of fresh water, adjacent shrubby, and a small amount into the pasture. Total fluid released was approximately 2 bbl total fluid. Mario Garcia called in Double R trucking to pick up liquids and will accept full liability and cost for the spill. Manuel with BTS (575) 942-8307 repaired the line.

Describe Area Affected and Cleanup Action Taken.* Puddle was apprx 30ft x 20ft, area affected in pasture was to the south apprx. 2ft x 30ft. Michael Burton with DFSI (575)942-4115 will handle further assessment.

On May 11, 2015, DFSI personnel responded to the release point on the lease road. DFSI personnel scraped up the contamination in the lease road. We took two samples of the spill area. Each sample was tested for chloride levels as well as BTEX. The BTEX samples were performed using a Mini Rae Photoionization Detector (PID). All field samples that field tested below state/BLM requirements were taken to Cardinal Lab of Hobbs to obtain confirmation samples. The results are attached (Appendix IV). The impacted road was scraped and fixed. The spill area in the pasture was dug down to 4'bgs. All contaminated soil was hauled to New Mexico state approved disposal facility. The surrounding terrain was used for backfill and contoured. Photographs are attached (Appendix II). The impacted pasture area was then reseeded with 10 pounds of BLM approved LPC seed mix.

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: 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: 06/03/2015	Phone: 505-504-8002		

* Attach Additional Sheets If Necessary