



Skelly Unit #156

CLOSURE REPORT

API No. 30-015-25038

Release Date: June 17, 2014

Unit Letter J, Section 22, Township 17 South, Range 31 East

August 23, 2016

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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Skelly Unit #156

1 INTRODUCTION

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

The site is located east of Loco Hills, NM, in Eddy County. The spill site resulted from failure in a flow line. A total of approximately 1 barrel of produced water and 2 barrels of oil was released, with none recovered. An initial C-141 was submitted to the NMOCD on June 19, 2014 (Appendix I).

2 SITE ACTIVITIES

On July 7, 2014, DFSI personnel were on site to obtain samples within the leak area (Figure 1). Six samples were obtained and field sampled for chloride levels, as well as BTEX. The BTEX samples were performed using a Mini Rae Photoionization Detector (PID). Field samples were submitted for laboratory analysis at Cardinal Laboratories of Hobbs, NM to obtain confirmation (Appendix II).

A work plan was submitted to NMOCD and BLM on March 25, 2016, and approved by BLM on February 5, 2016. Beginning July 11, 2016, DFSI personnel were on site to excavate the release area to 4' bgs at SP2 and SP5, to 3' bgs at SP1, SP3 and SP6 and to 2' bgs at SP4 (Appendix III). On August 5, 2016, a backfill request was submitted to and approved by BLM. The excavation was backfilled with clean, imported soil to ground surface and contoured to the surrounding area. Contaminated soil was properly disposed of at an NMOCD approved facility. The site was seeded with a blend of native vegetation (Appendix IV).

3 CONCLUSION

According to the U.S. Geological Survey and the NM Office of the State Engineer, the site is located in a known area of no groundwater (Appendix V). Any remaining constituents will be addressed during the site abandonment activities and reclamation; therefore, DFSI, on behalf of Linn, submits the final C-141 (Appendix VI) and respectfully requests the closure of this regulatory file.

Site Diagram



Legend

- Sample Points
- Source
- Above Ground Line
- Oil and Produced Water (3809 sq ft)



Linn
Skelly Unit #156
Unit Letter J, Section 22, T17S, R31E
Eddy County, NM
API #: 30-015-25038

Mapped: 07/07/14 LC
 Drafted by: L Flores



0 1020 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

Form C-141
Revised October 10, 2003

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	Contact: Brian Wall	
Address: 2130 W. Bender Hobbs, NM 88240	Telephone No.: 575-738-1739	
Facility Name: Skelly Unit 156	Facility Type: Oil Producer	
Surface Owner: Federal	Mineral Owner:	API No.: 30-015-25038

LOCATION OF RELEASE

Unit Letter J	Section 22	Township 17S	Range 31E	Feet from the 2560	North/South Line South	Feet from the 2630	East/West Line East	County Eddy
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Latitude: 32.8198803529214 **Longitude:** -103.857521338797

NATURE OF RELEASE


Type of Release: Produced Water / Oil	Volume of Release: 2 bbls / 1 bbl	Volume Recovered: 0 / 0
Source of Release: 3" polyline	Date and Hour of Occurrence: 06/17/2014	Date and Hour of Discovery: 06/17/2014 3:30pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jennifer Van Curen - BLM	
By Whom? Brian Wall	Date and Hour 06/18/2014 1:30pm	
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.*: COG pumper noticed spray coming from cracked fusion in 3" poly line, well feeding the break was isolated and a vac truck was used to drain the line and gang used fusion machine to repair the crack.

Describe Area Affected and Cleanup Action Taken.* : Overspray landed in 15 ft radius circle around crack in line. Will delineate site and remove contaminated soils. Haul to approved site and return clean soils to spill void

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: 	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Brian Wall	Approved by District Supervisor:		
Title: Construction Foreman II	Approval Date:	Expiration Date:	
E-mail Address: bwall@linenergy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 06/19/2014	Phone: 806-367-0645		

* Attach Additional Sheets If Necessary

Appendix II

LABORATORY ANALYSIS

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 14, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY #156

Enclosed are the results of analyses for samples received by the laboratory on 07/08/14 15:38.

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
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

Received: 07/08/2014
Reported: 07/14/2014
Project Name: SKELLY #156
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/07/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Kathy Perez

Sample ID: SP. 1 @ 3' (H402077-01)

BTX 8021B			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.5	
Toluene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.9	
Ethylbenzene*	<0.050	0.050	07/11/2014	ND	1.50	74.9	2.00	22.4	
Total Xylenes*	<0.150	0.150	07/11/2014	ND	4.68	77.9	6.00	20.7	
Total BTX	<0.300	0.300	07/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/11/2014	ND	400	100	400	7.69	

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	07/10/2014	ND	194	96.8	200	7.65	
DRO >C10-C28	11.8	10.0	07/10/2014	ND	213	106	200	9.76	

Surrogate: 1-Chlorooctane 88.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.0 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 07/08/2014
 Reported: 07/14/2014
 Project Name: SKELLY #156
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 07/07/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP. 2 @ 10' (H402077-02)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.5	
Toluene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.9	
Ethylbenzene*	<0.050	0.050	07/11/2014	ND	1.50	74.9	2.00	22.4	
Total Xylenes*	<0.150	0.150	07/11/2014	ND	4.68	77.9	6.00	20.7	
Total BTX	<0.300	0.300	07/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 89.4-126

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	07/11/2014	ND	400	100	400	7.69	

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	07/11/2014	ND	184	92.0	200	1.00	
DRO >C10-C28	<10.0	10.0	07/11/2014	ND	198	99.0	200	0.155	

Surrogate: 1-Chlorooctane 93.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.7 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 07/08/2014
 Reported: 07/14/2014
 Project Name: SKELLY #156
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/07/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP. 3 @ 3' (H402077-03)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.5		
Toluene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.9		
Ethylbenzene*	<0.050	0.050	07/11/2014	ND	1.50	74.9	2.00	22.4		
Total Xylenes*	<0.150	0.150	07/11/2014	ND	4.68	77.9	6.00	20.7		
Total BTEx	<0.300	0.300	07/11/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/11/2014	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/11/2014	ND	184	92.0	200	1.00	
DRO >C10-C28	<50.0	50.0	07/11/2014	ND	198	99.0	200	0.155	

Surrogate: 1-Chlorooctane 89.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.5 % 63.6-154

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Analytical Results For:

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

Received: 07/08/2014
Reported: 07/14/2014
Project Name: SKELLY #156
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/07/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Kathy Perez

Sample ID: SP. 4 @ 2' (H402077-04)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.5		
Toluene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.9		
Ethylbenzene*	<0.050	0.050	07/11/2014	ND	1.50	74.9	2.00	22.4		
Total Xylenes*	<0.150	0.150	07/11/2014	ND	4.68	77.9	6.00	20.7		
Total BTEx	<0.300	0.300	07/11/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 89.4-126

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	07/11/2014	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/11/2014	ND	184	92.0	200	1.00	
DRO >C10-C28	<50.0	50.0	07/11/2014	ND	198	99.0	200	0.155	

Surrogate: 1-Chlorooctane 78.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.8 % 63.6-154

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Analytical Results For:

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

Received: 07/08/2014
 Reported: 07/14/2014
 Project Name: SKELLY #156
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 07/07/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP. 5 @ 7' (H402077-05)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.5	
Toluene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.9	
Ethylbenzene*	<0.050	0.050	07/11/2014	ND	1.50	74.9	2.00	22.4	
Total Xylenes*	<0.150	0.150	07/11/2014	ND	4.68	77.9	6.00	20.7	
Total BTEx	<0.300	0.300	07/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 89.4-126

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	07/11/2014	ND	400	100	400	7.69	

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	07/11/2014	ND	184	92.0	200	1.00	
DRO >C10-C28	<10.0	10.0	07/11/2014	ND	198	99.0	200	0.155	

Surrogate: 1-Chlorooctane 87.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.4 % 63.6-154

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Analytical Results For:

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

 Received: 07/08/2014
 Reported: 07/14/2014
 Project Name: SKELLY #156
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/07/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP. 6 @ 3' (H402077-06)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.5		
Toluene*	<0.050	0.050	07/11/2014	ND	1.52	76.0	2.00	21.9		
Ethylbenzene*	<0.050	0.050	07/11/2014	ND	1.50	74.9	2.00	22.4		
Total Xylenes*	<0.150	0.150	07/11/2014	ND	4.68	77.9	6.00	20.7		
Total BTEx	<0.300	0.300	07/11/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 89.4-126

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	07/11/2014	ND	400	100	400	7.69		

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	07/11/2014	ND	184	92.0	200	1.00	
DRO >C10-C28	<10.0	10.0	07/11/2014	ND	198	99.0	200	0.155	

Surrogate: 1-Chlorooctane 89.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.2 % 63.6-154

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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

*=Accredited Analyte

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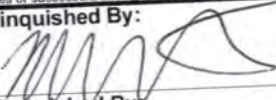
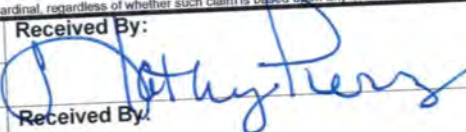
Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO				ANALYSIS REQUEST																
Company Name: <u>Linn Energy</u>				P.O. #:																
Project Manager: <u>Brian Wall</u>				Company: <u>Linn Energy</u>																
Address:				Attn: <u>Brian Wall</u>																
City:		State:		Zip:		Address:				City:		State:		Zip:						
Phone #:		Fax #:		Project Owner:		City:				State:		Zip:		Phone #:						
Project #:				Fax #:																
Project Name:																				
Project Location: <u>Skelly 156</u>																				
Sampler Name: <u>Michael Alon</u>																				
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	CL	TPH	PTX			
<u>H402079</u>																				
<u>1</u>	<u>SP. 1 @ 3'</u>	<u>8</u>	<u>1</u>			<u>X</u>				<u>X</u>			<u>7/7/14</u>	<u>9:20</u>	<u>X</u>	<u>X</u>	<u>X</u>			
<u>2</u>	<u>SP. 2 @ 10'</u>	<u>8</u>	<u>1</u>			<u>X</u>				<u>X</u>			<u>7/7/14</u>	<u>9:30</u>	<u>X</u>	<u>X</u>	<u>X</u>			
<u>3</u>	<u>SP. 3 @ 3'</u>	<u>8</u>	<u>1</u>			<u>X</u>				<u>X</u>			<u>7/7/14</u>	<u>9:40</u>	<u>X</u>	<u>X</u>	<u>X</u>			
<u>4</u>	<u>SP. 4 @ 2'</u>	<u>8</u>	<u>1</u>			<u>X</u>				<u>X</u>			<u>7/7/14</u>	<u>9:50</u>	<u>X</u>	<u>X</u>	<u>X</u>			
<u>5</u>	<u>SP. 5 @ 7'</u>												<u>7/7/14</u>	<u>10:00</u>	<u>X</u>	<u>X</u>	<u>X</u>			
<u>6</u>	<u>SP. 6 @ 3'</u>	<u>8</u>	<u>1</u>			<u>X</u>				<u>X</u>			<u>7/7/14</u>	<u>10:15</u>	<u>X</u>	<u>X</u>	<u>X</u>			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: 	Date: <u>7/8/14</u>	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: <u>5:38</u>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Date:	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other: <u>5.4° #54</u>	Time:	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	E-mail Results To: Ngladden@diversifiedfsi.com Rpons@diversifiedfsi.com Tjennings@diversifiedfsi.com	
		Checked By: (Initials) <u>CP</u>		

Appendix III

SITE PHOTOS

Skelly Unit #156

PHOTO PAGE



Excavating site



Excavating site



Seeding site



Site completed

Appendix IV

SEEDING REPORT

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

DIVERSIFIED FIELD SERVICES, INC.

Project: Skelly 156

Date Started: 8/18/16

Seed and lbs. used: 1 1/2 acre LPC

Date Completed: 8/18/16

Curtis and Curtis, Inc.

4500 North Prince
Clovis, NM 88101
Phone: (575) 762-4759
www.curtisseed.com

Diversified Construction
1/2 Acre LPC Mix Broadcast Rate
1 - 0.50 Acre Bags @ 31.11 Bulk Pounds
Job: Skelly 156

Lot# M-13866-3

Item	Origin	Purity	Germin	Dormant	Total Germination	Test Date	Total PLS Pounds
Plains Bristlegrass VNS	Oklahoma	17.47%	41.00%	52.00%	92.00%	12/15	5.00
Sand Bluestem Woodward	Texas	16.92%	95.00%	0.00%	95.00%	03/16	5.00
Little Bluestem Cimarron	Texas	19.68%	88.00%	10.00%	98.00%	05/16	3.00
Sideoats Grama El Reno	Texas	10.71%	89.00%	1.00%	90.00%	03/16	6.00
Coreopsis Plains	Oregon	9.06%	71.00%	0.00%	71.00%	02/16	2.00
Sand Dropseed VNS	New Mexico	6.69%	23.00%	73.00%	96.00%	03/16	1.00
Other Crop:	7.51%	There Are 1 Bags For This Mix This Bag Weighs 31.11 Bulk Pounds Use This Bag For 0.50 Acres			Total Bulk Pounds:		31
Weed Seed:	0.05%						
Inert Matter:	14.37%						

Supervisor: 

Appendix V

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**

No records found.

PLSS Search:

Section(s): 14-16, 21, 22,
23, 26, 27, 28 **Township:** 17S **Range:** 31E

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

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: EL Gonzales	
Address: 2130 W Bender, Hobbs, NM 88240	Telephone No. 575-738-1739	
Facility Name: Skelly Unit #156	Facility Type: Oil Producer	
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-25038

LOCATION OF RELEASE

Unit Letter J	Section 22	Township 17S	Range 31E	Feet from the 2560	North/South Line South	Feet from 2630	East/West Line East	County Eddy
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Latitude: 32.8198803529214 Longitude: -103.857521338797

NATURE OF RELEASE

Type of Release: Produced Water / Oil	Volume of Release: 2 bbls / 1 bbl	Volume Recovered: 0 / 0
Source of Release: 3" Polyline	Date and Hour of Occurrence 06/17/2014	Date and Hour of Discovery 06/17/2014 1530
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jennifer Van Curen - BLM	
By Whom? Brian Wall	Date and Hour: 06/18/2014 1330	
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.*


Describe Cause of Problem and Remedial Action Taken.*

COG pumper noticed spray coming from cracked fusion in 3" poly line, well feeding the break was isolated and a vacu truck was used to drain the line and gang used fusion machine to repair the crack. Over spray landed in 15 ft radius circle around crack in line.

Describe Area Affected and Cleanup Action Taken.

On May 15, 2015, DFSI personnel were on site to obtain samples within the leak area. Four samples On July 7, 2014, DFSI personnel were on site to obtain samples within the leak area. Six samples were obtained and field sampled for chloride levels, as well as BTEX. The BTEX samples were performed using a Mini Rae Photoionization Detector (PID). Field samples were submitted for laboratory analysis at Cardinal Laboratories of Hobbs, NM to obtain confirmation. A work plan was submitted to NMOCD and BLM on March 25, 2016, and approved by BLM on February 5, 2016. Beginning July 11, 2016, DFSI personnel were on site to excavate the release area to 4' bgs at SP2 and SP5, to 3' bgs at SP1, SP3 and SP6 and to 2' bgs at SP4. On August 5, 2016, a backfill request was submitted to and approved by BLM. The excavation was backfilled with clean, imported soil to ground surface and contoured to the surrounding area. Contaminated soil was properly disposed of at an NMOCD approved facility. The site was seeded with a blend of native vegetation.

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: EL 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: 8/23/2016 Phone: 575-504-8002			

* Attach Additional Sheets If Necessary