



Linn Energy Skelly #134

CLOSURE REPORT

API No. 30-015-05108

Unit Letter C, Section 08, Township 17 South, Range 31 East

RP# 2RP-2209

March 16, 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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Skelly #134

1 INTRODUCTION

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

The site is located south west of Maljamar, NM, in Eddy County. The leak site resulted from a hydrocarbon and produced water leak. The source of the leak was due to a flowline popping at the fuse. A C-141 (Appendix I) was submitted to the NMOCD on November 28, 2011 (2RP-966) and the BLM.

2 SITE ACTIVITIES

On June 6th, 2014 DFSI personnel obtained surface and delineation samples of the leak area, which included SP1-SP4. Field samples were taken on four sample points, along with one borehole, each sample was tested for chlorides levels as well as TPH. The TPH samples were performed using a Mini Rae Photoionization Detector (PID). All clean field samples found under the BLM/NMOCD standards, were taken to Cardinal Lab of Hobbs to obtain confirmation samples.

All but SP1 and SP2 were sampled to 17'bgs and it was determined to schedule a drilling rig to further delineate, SP3-SP4 were sampled to 8' and cleaned up to the reportable limits at 7', 8' and 9' and were taken for confirmation and sent to the lab. At this time John Scarborough Drilling, Inc., was contracted to drill one bore hole at the Skelly Unit #134 site. On May 23, 2014 the borehole were drilled and was successful with finding the bottom of contamination at 25'bgs.

On November 25, 2014, through December 9, 2014, DFSI personnel returned to the site for excavation, liner installation, and backfill. The entire area of 1,513 sq. ft. was excavated to 4'bgs. A 20 mil liner was installed and the location was backfilled with fresh imported topsoil. All contaminated soil was transported to a BLM/NMOCD approved disposal site.

The area was tilled and restored to its normal state. Because the excavation and backfill was finished in December, seed was not planted at this site. Linn Energy will seed this area in the spring.

3 CONCLUSION

According to the U.S. Geological Survey and the NM Office of the State Engineer, there were no records of groundwater in the immediate vicinity, however depth to groundwater in the area averages greater than 220 ft. bgs indicating no potential threat to groundwater or life forms (Appendix III).

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
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

NOV 28 2011

Form C-141
Revised October 10, 2003

Submit / Copy to appropriate District Office in
NMOC District Office with 19 15 29 NMAC

Release Notification and Corrective Action

nmur 1133942446 **OPERATOR** ☒ Initial Report ☐ Final Report

Name of Company: Linn Operating 269324	Contact: Joe Hernandez
Address 2130 W. Bender Hobbs, NM 88240	Telephone No. 575-738-1739
Facility Name Skelly Unit # 134	Facility Type: Production
Surface Owner: BLM	Mineral Owner: BLM
API No.: 3001522268	

LOCATION OF RELEASE

Unit Letter E	Section 27	Township 17S	Range 31E	Feet from the 1860	North/South Line N	Feet from the 660	East/West Line W	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	-----------------------	----------------------	---------------------	----------------

Latitude: 32 51' 3.6" Longitude: 103 52' 3.8"

NATURE OF RELEASE

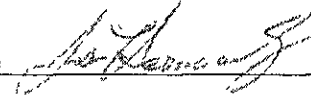
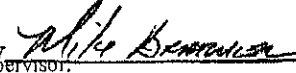
Type of Release Oil / Water	Volume of Release 18 / 1	Volume Recovered 15 / 0
Source of Release Poly flowline	Date and Hour of Occurrence 11/18/2011 1 30pm	Date and Hour of Discovery 11/18/2011 2 00pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? M Bratcher - NM OCD / Terry Gregston - BLM	
By Whom? Joe Hernandez	Date and Hour 11/22/2011 11 30am	
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 * 3" poly flowline popped at fuse

Describe Area Affected and Cleanup Action Taken * Vacuum truck picked up standing fluid Further remedial action pending

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC 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 Joe Hernandez	Signed By  Approved by District Supervisor	
Title Production Foreman	Approval Date DEC 05 2011	Expiration Date
E-mail Address jhernandez@linenergy.com	Conditions of Approval: Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN: <u>1/5/2012</u>	Attached <input type="checkbox"/>
Date 11/28/2011 Phone 575-942-9492		

* Attach Additional Sheets If Necessary

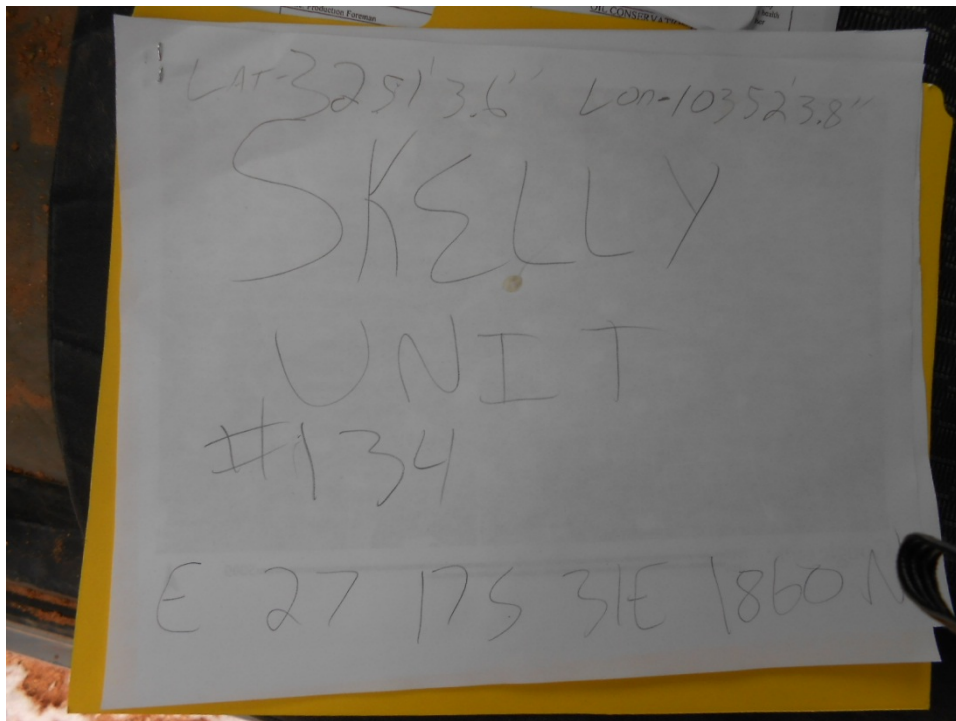
2 RP- 966

Appendix II

SITE PHOTOS

Linn Energy Skelly Unit #134

Unit Letter E, Section 27, T17S R31E



Sign marking location 10/26/13



Spill location SW of lease road 10/23/13



Impacted soil on site 10/26/13



Sampling spill area 06/06/2014



Drilling bore hole 08/21/2014



Excavated area/liner installation 12/02/2014



Excavated area/liner installation 12/02/2014



Final pics after backfill 03/12/2015

Appendix III

GROUNDWATER DATA

GROUND WATER SEARCH

Linn Energy Skelly Unit #134

UL: E

Sec: 27

T: 17S

R: 31E

Groundwater Depth: NA ft.

- = NM Office of the State Engineer
- = U.S. Geological Survey (unknown well)
- ✕ = Site Location

Date: 12/10/13

By: Rebecca Pons

	16S 30E	16S 31E	16S 32E	
	17S 30E	17S 31E ✕	17S 32E	
	18S 30E	18S 31E	18S 32E	

Appendix IV




SITE DIAGRAM

Site Diagram

Linn, Skelly 134
UL/E, Sec. 27 T17S R31E
Eddy County, NM
Drafted By: Lance Crenshaw, 5-22-14



0 0.00150.003 0.006 Miles
|-----|-----|-----|-----|

Legend


-  Soil Bores
-  sample_pts
-  Source

Pipeline





Type

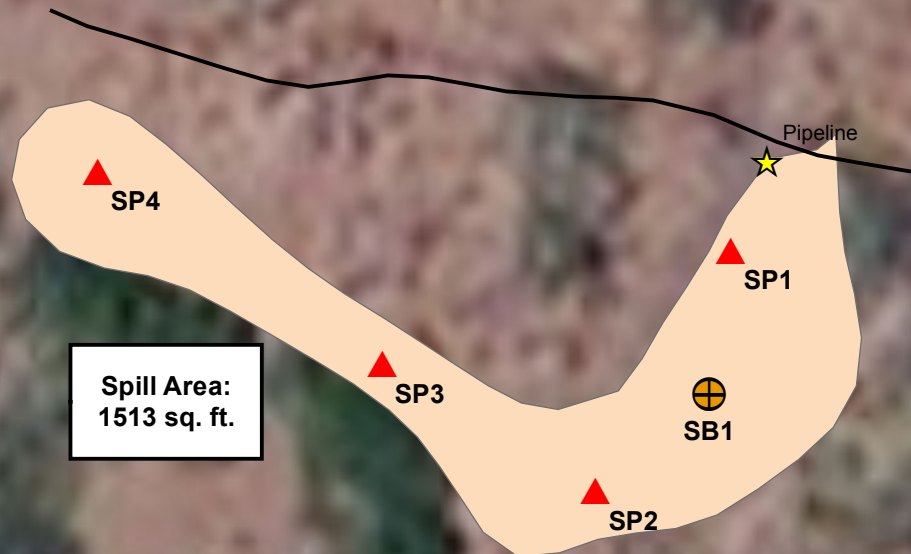
-  Above Ground Line
-  Buried Line

Spill

-  <all other values>

Spill_Media

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



Spill Area:
1513 sq. ft.

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

Source: Esri, DigitalGlobe, GeoEye, IGN, swisstopo, and the GIS User Community

Appendix V

LABORATORY ANALYSES

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

June 17, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY UNIT #134

Enclosed are the results of analyses for samples received by the laboratory on 06/10/14 15:45.

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:	06/10/2014	Sampling Date:	06/06/2014
Reported:	06/17/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #134	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 8' (H401765-01)

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	06/12/2014	ND	2.10	105	2.00	2.72	
Toluene*	<0.050	0.050	06/12/2014	ND	2.25	113	2.00	3.44	
Ethylbenzene*	<0.050	0.050	06/12/2014	ND	2.03	102	2.00	3.01	
Total Xylenes*	<0.150	0.150	06/12/2014	ND	6.28	105	6.00	3.21	
Total BTX	<0.300	0.300	06/12/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/16/2014	ND	400	100	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	06/16/2014	ND	178	88.9	200	3.26	
DRO >C10-C28	<10.0	10.0	06/16/2014	ND	186	93.2	200	10.1	

Surrogate: 1-Chlorooctane 70.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 82.0 % 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: 06/10/2014
 Reported: 06/17/2014
 Project Name: SKELLY UNIT #134
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 06/06/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 8' (H401765-02)

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	06/12/2014	ND	2.10	105	2.00	2.72		
Toluene*	<0.050	0.050	06/12/2014	ND	2.25	113	2.00	3.44		
Ethylbenzene*	<0.050	0.050	06/12/2014	ND	2.03	102	2.00	3.01		
Total Xylenes*	<0.150	0.150	06/12/2014	ND	6.28	105	6.00	3.21		
Total BTEX	<0.300	0.300	06/12/2014	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/16/2014	ND	400	100	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	06/16/2014	ND	178	88.9	200	3.26	
DRO >C10-C28	<10.0	10.0	06/16/2014	ND	186	93.2	200	10.1	

Surrogate: 1-Chlorooctane 77.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 85.3 % 63.6-154

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*=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

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



Page 5 of 5

(575) 393-2326 FAX (575) 393-2476

[illegible]

August 11, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY UNIT #134

Enclosed are the results of analyses for samples received by the laboratory on 08/04/14 13:55.

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: 08/04/2014
Reported: 08/11/2014
Project Name: SKELLY UNIT #134
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 08/04/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB 1 @ 25' (H402380-01)

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	08/05/2014	ND	2.07	103	2.00	1.58	
Toluene*	<0.050	0.050	08/05/2014	ND	2.10	105	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/05/2014	ND	2.13	106	2.00	1.52	
Total Xylenes*	<0.150	0.150	08/05/2014	ND	6.66	111	6.00	3.49	
Total BTX	<0.300	0.300	08/05/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	176	16.0	08/07/2014	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	<20.0	20.0	08/05/2014	10.1	197	98.5	200	1.02	
DRO >C10-C28	19.1	10.0	08/05/2014	ND	207	103	200	0.873	

Surrogate: 1-Chlorooctane 83.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.5 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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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



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

Page 4 of 4



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

November 26, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY UNIT #134

Enclosed are the results of analyses for samples received by the laboratory on 11/25/14 16:16.

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.

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Sincerely,

Hope S. Moreno For 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:	11/25/2014	Sampling Date:	11/25/2014
Reported:	11/26/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #134	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: PT 4 NORTH (H403636-01)

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	11/25/2014	ND	1.73	86.5	2.00	6.14		
Toluene*	<0.050	0.050	11/25/2014	ND	1.71	85.5	2.00	6.80		
Ethylbenzene*	<0.050	0.050	11/25/2014	ND	1.71	85.3	2.00	7.55		
Total Xylenes*	<0.150	0.150	11/25/2014	ND	5.19	86.4	6.00	7.82		
Total BTX	<0.300	0.300	11/25/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	11/26/2014	ND	400	100	400	3.92		

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	11/25/2014	ND	197	98.7	200	0.107		
DRO >C10-C28	<10.0	10.0	11/25/2014	ND	198	99.1	200	1.15		

Surrogate: 1-Chlorooctane 106 % 47.2-157

Surrogate: 1-Chlorooctadecane 120 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For 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: 11/25/2014
 Reported: 11/26/2014
 Project Name: SKELLY UNIT #134
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/25/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: PT 4 WEST (H403636-02)

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	11/25/2014	ND	1.73	86.5	2.00	6.14		
Toluene*	<0.050	0.050	11/25/2014	ND	1.71	85.5	2.00	6.80		
Ethylbenzene*	<0.050	0.050	11/25/2014	ND	1.71	85.3	2.00	7.55		
Total Xylenes*	<0.150	0.150	11/25/2014	ND	5.19	86.4	6.00	7.82		
Total BTEX	<0.300	0.300	11/25/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	11/26/2014	ND	400	100	400	3.92		

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	11/25/2014	ND	197	98.7	200	0.107	
DRO >C10-C28	<10.0	10.0	11/25/2014	ND	198	99.1	200	1.15	


Surrogate: 1-Chlorooctane 83.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 97.0 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For Caley 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: 11/25/2014
 Reported: 11/26/2014
 Project Name: SKELLY UNIT #134
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/25/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: PT 4 SOUTH (H403636-03)

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	11/25/2014	ND	1.73	86.5	2.00	6.14		
Toluene*	<0.050	0.050	11/25/2014	ND	1.71	85.5	2.00	6.80		
Ethylbenzene*	<0.050	0.050	11/25/2014	ND	1.71	85.3	2.00	7.55		
Total Xylenes*	<0.150	0.150	11/25/2014	ND	5.19	86.4	6.00	7.82		
Total BTEX	<0.300	0.300	11/25/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	11/26/2014	ND	400	100	400	3.92		

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	11/25/2014	ND	197	98.7	200	0.107	
DRO >C10-C28	<10.0	10.0	11/25/2014	ND	198	99.1	200	1.15	

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 121 % 52.1-176

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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

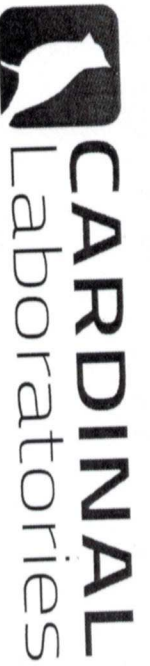
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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager



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: LINN ENERGY

Project Manager: DENNIS POTTER / MIKE BURTON

Address:

City: State: Zip:

Phone #:

Fax #:

Project #:

Project Owner:

Project Name:

Project Location: SKELLY #134

Sampler Name: EDWARD CESAREO

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

1403034
1 D+4 NORTH
3 D+4 WEST
3 D+4 SOUTH

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE TIME
11-25-14 1:00
1:05
1:10

CHLORIDES
TPH
BTX

Relinquished By:

Date: 11-25-14 Received By:

Relinquished By:

Date: 11-25-14 Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

540

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY: (Initials)
EP

REMARKS:
mburton@diversifiedfsi.com
ngladden@diversifiedfsi.com
ecesarco@diversifiedfsi.com
D. Rush



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

December 01, 2014

DENNIS POTTER

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY UNIT #134

Enclosed are the results of analyses for samples received by the laboratory on 11/26/14 15:12.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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: 11/26/2014
 Reported: 12/01/2014
 Project Name: SKELLY UNIT #134
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/26/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: PT. 3 NORTH WALL (H403654-01)

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	11/26/2014	ND	1.88	94.1	2.00	4.39	
Toluene*	<0.050	0.050	11/26/2014	ND	1.81	90.6	2.00	6.02	
Ethylbenzene*	<0.050	0.050	11/26/2014	ND	1.70	85.2	2.00	8.68	
Total Xylenes*	<0.150	0.150	11/26/2014	ND	5.15	85.8	6.00	8.79	
Total BTX	<0.300	0.300	11/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	12/01/2014	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	11/26/2014	ND	195	97.4	200	1.42	
DRO >C10-C28	<10.0	10.0	11/26/2014	ND	199	99.5	200	3.22	

Surrogate: 1-Chlorooctane 119 % 47.2-157

Surrogate: 1-Chlorooctadecane 135 % 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: 11/26/2014
 Reported: 12/01/2014
 Project Name: SKELLY UNIT #134
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/26/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: PT. 3 SOUTH WALL (H403654-02)

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	11/26/2014	ND	1.88	94.1	2.00	4.39		
Toluene*	<0.050	0.050	11/26/2014	ND	1.81	90.6	2.00	6.02		
Ethylbenzene*	<0.050	0.050	11/26/2014	ND	1.70	85.2	2.00	8.68		
Total Xylenes*	<0.150	0.150	11/26/2014	ND	5.15	85.8	6.00	8.79		
Total BTX	<0.300	0.300	11/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	12/01/2014	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	11/26/2014	ND	195	97.4	200	1.42	
DRO >C10-C28	<10.0	10.0	11/26/2014	ND	199	99.5	200	3.22	

Surrogate: 1-Chlorooctane 119 % 47.2-157

Surrogate: 1-Chlorooctadecane 135 % 52.1-176

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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: 11/26/2014
 Reported: 12/01/2014
 Project Name: SKELLY UNIT #134
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/26/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: PT. 1 NORTH WALL (H403654-03)

BTEX 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	11/26/2014	ND	1.88	94.1	2.00	4.39		
Toluene*	<0.050	0.050	11/26/2014	ND	1.81	90.6	2.00	6.02		
Ethylbenzene*	<0.050	0.050	11/26/2014	ND	1.70	85.2	2.00	8.68		
Total Xylenes*	<0.150	0.150	11/26/2014	ND	5.15	85.8	6.00	8.79		
Total BTEX	<0.300	0.300	11/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	112	16.0	12/01/2014	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	11/27/2014	ND	195	97.4	200	1.42	
DRO >C10-C28	<10.0	10.0	11/27/2014	ND	199	99.5	200	3.22	

Surrogate: 1-Chlorooctane 122 % 47.2-157

Surrogate: 1-Chlorooctadecane 139 % 52.1-176

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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: 11/26/2014
 Reported: 12/01/2014
 Project Name: SKELLY UNIT #134
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/26/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: PT. 1 WEST WALL (H403654-04)

BTEX 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	11/26/2014	ND	1.88	94.1	2.00	4.39		
Toluene*	<0.050	0.050	11/26/2014	ND	1.81	90.6	2.00	6.02		
Ethylbenzene*	<0.050	0.050	11/26/2014	ND	1.70	85.2	2.00	8.68		
Total Xylenes*	<0.150	0.150	11/26/2014	ND	5.15	85.8	6.00	8.79		
Total BTEX	<0.300	0.300	11/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	12/01/2014	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	11/27/2014	ND	195	97.4	200	1.42	
DRO >C10-C28	<10.0	10.0	11/27/2014	ND	199	99.5	200	3.22	

Surrogate: 1-Chlorooctane 121 % 47.2-157

Surrogate: 1-Chlorooctadecane 136 % 52.1-176

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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: 11/26/2014
 Reported: 12/01/2014
 Project Name: SKELLY UNIT #134
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/26/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: PT. 1 EAST WALL (H403654-05)

BTEX 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	11/26/2014	ND	1.88	94.1	2.00	4.39	
Toluene*	<0.050	0.050	11/26/2014	ND	1.81	90.6	2.00	6.02	
Ethylbenzene*	<0.050	0.050	11/26/2014	ND	1.70	85.2	2.00	8.68	
Total Xylenes*	<0.150	0.150	11/26/2014	ND	5.15	85.8	6.00	8.79	
Total BTEX	<0.300	0.300	11/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	12/01/2014	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	11/27/2014	ND	195	97.4	200	1.42	
DRO >C10-C28	<10.0	10.0	11/27/2014	ND	199	99.5	200	3.22	

Surrogate: 1-Chlorooctane 118 % 47.2-157

Surrogate: 1-Chlorooctadecane 134 % 52.1-176

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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: 11/26/2014
 Reported: 12/01/2014
 Project Name: SKELLY UNIT #134
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 11/26/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: PT. 2 SOUTH WALL (H403654-06)

BTEX 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	11/26/2014	ND	1.88	94.1	2.00	4.39		
Toluene*	<0.050	0.050	11/26/2014	ND	1.81	90.6	2.00	6.02		
Ethylbenzene*	<0.050	0.050	11/26/2014	ND	1.70	85.2	2.00	8.68		
Total Xylenes*	<0.150	0.150	11/26/2014	ND	5.15	85.8	6.00	8.79		
Total BTEX	<0.300	0.300	11/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	12/01/2014	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	11/27/2014	ND	195	97.4	200	1.42	
DRO >C10-C28	<10.0	10.0	11/27/2014	ND	199	99.5	200	3.22	

Surrogate: 1-Chlorooctane 122 % 47.2-157

Surrogate: 1-Chlorooctadecane 135 % 52.1-176

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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(575) 393-2326 FAX (575) 393-2476

[illegible]



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

December 02, 2014

DENNIS POTTER

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY UNIT #134

Enclosed are the results of analyses for samples received by the laboratory on 12/01/14 10:45.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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:	12/01/2014	Sampling Date:	12/01/2014
Reported:	12/02/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #134	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 2 NORTH WALL (H403659-01)

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	12/02/2014	ND	1.81	90.6	2.00	6.72	
Toluene*	<0.050	0.050	12/02/2014	ND	1.78	88.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	12/02/2014	ND	1.69	84.5	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/02/2014	ND	5.17	86.2	6.00	5.86	
Total BTEX	<0.300	0.300	12/02/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/01/2014	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/01/2014	ND	194	97.1	200	3.40	
DRO >C10-C28	<10.0	10.0	12/01/2014	ND	193	96.6	200	4.16	

Surrogate: 1-Chlorooctane 127 % 47.2-157

Surrogate: 1-Chlorooctadecane 145 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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Celey D. Keene, Lab Director/Quality Manager



Page 4 of 4

(575) 393-2326 FAX (575) 393-2476

Company Name: LINN ENERGY

Project Manager: MIKE BURTON / NATALIE GADDEN

Address:

City:

State:

Zip:

Phone #:

Fax #:

Project #:

Project Name:

Project Location: SKELLY #134

Sampler Name: EDWARD CESAREO

P.O. #:

Company: LINN

Attn: DENNIS POTTER

Address:

City:

State:

Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D. H403659

Sample I.D. Pt 2 NORTH WALL

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CHLORIDES

TPH

BTEX

RUSH

Relinquished By: [Signature]

Date: 12-1-14

Time: 10:45

Received By: [Signature]

Date:

Time:

Sample Condition

Cool

Intact

Yes

No

Checked By: [Signature]

REMARKS:

ngladden @ diversifiedfsi.com

m burton @ diversifiedfsi.com

ecesareo @ diversifiedfsi.com

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
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: Joe Hernandez	
Address: 2130 W. Bender Hobbs, NM 88240	Telephone No.: 575-738-1739	
Facility Name: Skelly Unit # 134	Facility Type: Production	
Surface Owner: BLM	Mineral Owner: BLM	API No.: 3001522268

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	27	17S	31E	1860	N	660	W	Eddy

Latitude: 32 51' 3.6" Longitude: 103 52' 3.8"

NATURE OF RELEASE

Type of Release: Oil / Water	Volume of Release: 18 / 1	Volume Recovered: 15 / 0
Source of Release: Poly flowline	Date and Hour of Occurrence: 11/18/2011 1:30pm	Date and Hour of Discovery: 11/18/2011 2:00pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? M. Bratcher - NM OCD / Terry Gregston - BLM	
By Whom? Joe Hernandez	Date and Hour 11/22/2011 11:30am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

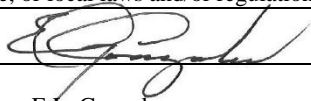
If a Watercourse was Impacted, Describe Fully.*:

Describe Cause of Problem and Remedial Action Taken.*: 3" poly flowline popped at fuse

Describe Area Affected and Cleanup Action Taken.*: Vacuum truck picked up standing fluid.

On June 6th, 2014 DFSI personnel obtained surface and delineation samples of the leak area, which included SP1-SP4. Field samples were taken on four sample points, along with one borehole, each sample was tested for chlorides levels as well as TPH. The TPH samples were performed using a Mini Rae Photoionization Detector (PID). All clean field samples found under the BLM/NMOCD standards, were taken to Cardinal Lab of Hobbs to obtain confirmation samples. All but SP1 and SP2 were sampled to 17'bgs and it was determined to schedule a drilling rig to further delineate, SP3-SP4 were sampled to 8' and cleaned up to the reportable limits at 7', 8' and 9' and were taken for confirmation and sent to the lab. At this time John Scarborough Drilling, Inc., was contracted to drill one bore hole at the Skelly Unit #134 site. On May 23, 2014 the borehole were drilled and was successful with finding the bottom of contamination at 25'bgs. On November 25, 2014, through December 9, 2014, DFSI personnel returned to the site for excavation, liner installation, and backfill. The entire area of 1,513 sq. ft. was excavated to 4'bgs. A 20 mil liner was installed and the location was backfilled with fresh imported topsoil. All contaminated soil was transported to a BLM/NMOCD approved disposal site. The area was tilled and restored to its normal state. Because the excavation and backfill was finished in December, seed was not planted at this site. Linn Energy will seed this area in the spring.

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 District Supervisor:		
Title: Production Supervisor	Approval Date:	Expiration Date:	
E-mail Address: elgonzales@linenergy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 03/16/2015	Phone: 505-504-8002		

* Attach Additional Sheets If Necessary