



Skelly Unit #301

CLOSURE REPORT

API No. 30-015-29496

Release Date: June 20, 2012

Unit Letter E, Section 28, Township 17 South, Range 31 East

NMOCD Case #: 2R-1214

BLM Event #: NU12154TG

April XX, 2016

Prepared by:

Michael Burton, Environmental Operations Director

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 Skelly Unit #301

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 a burst poly line. A total of approximately 3 bbls of oil was released with none recovered. The impacted area is located in the pasture. An initial C-141 was submitted to the NMOCD on July 2, 2012 and approved on July 12, 2012 (Appendix I).

2 SITE ACTIVITIES

On April 11, 2014, DFSI personnel were on site to obtain samples within the leak area (Appendix II). Ten 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). All clean field samples under NMOCD and BLM regulatory guidelines were submitted for laboratory analysis at Cardinal Laboratories of Hobbs, NM to obtain confirmation (Appendix III).

A work plan was submitted to NMOCD and BLM on December 21, 2015, and approved by BLM on February 18, 2016, with stipulations, and NMOCD on February 4, 2016. Beginning March 9, 2016, DFSI personnel were on site to till and blend the soil within the release area, with the exception of the area surrounding SP3. Due to elevated chloride concentrations, SP3 was excavated to a depth of 4' bgs. At the base of the excavation, a river rock layer was installed to inhibit the downward migration of chlorides and TPH, as per BLM approval of the Work Plan. Prior to backfilling, wall samples were collected and submitted for laboratory analysis at Hall Environmental of Albuquerque, NM to obtain confirmation (Appendix IV). The excavation was backfilled with clean, imported topsoil to ground surface and contoured to the surrounding area (Appendix V). Contaminated soil was properly disposed of at an NMOCD approved facility. On March 28, 2016, the site was seeded with BLM Mix #2 (Appendix VI).

3 CONCLUSION

According to the U.S. Geological Survey and the NM Office of the State Engineer, depth to groundwater in the area averages 236 ft. bgs. Based on the report and work completed, any remaining chloride and BTEX components in the vadose zone will not affect groundwater beneath this site, with vegetation expected to return to normal; therefore, DFSI, on behalf of Linn, submits the final C-141 (Appendix VII) and respectfully requests the closure of this regulatory file.

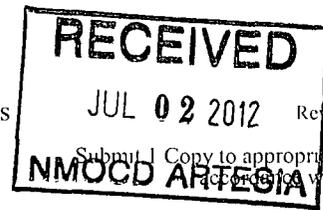
Appendix I

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 Copy to appropriate District Office in accordance with 19.15.29 NMAC

Release Notification and Corrective Action

nJMW 1219436244

OPERATOR

Initial Report Final Report

Name of Company: Linn Operating <i>269324</i>	Contact: Joe Hernandez
Address: 2130 W. Bender Hobbs, NM 88240	Telephone No.: 575-738-1739
Facility Name: Skelly Unit # 301	Facility Type: Injection
Surface Owner: Federal	Mineral Owner: Federal
API No : 3001529496	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	28	17S	31E	1980	North	560	West	Eddy

Latitude: 32.8073765024948 Longitude: -103.88144231194

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 3	Volume Recovered: 0
Source of Release: Polyline	Date and Hour of Occurrence: 06-20-2012 9am	Date and Hour of Discovery: 06-20-2012 9:30am
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 06-22-2012 3pm	
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.*: Fuse on polyline developed hole. Further remedial action pending...		
Describe Area Affected and Cleanup Action Taken.*: Sprayed oil and water on to open field nearest location skelly sat#4.		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Joe Hernandez</i>	OIL CONSERVATION DIVISION	
Printed Name: Joe Hernandez	Approved by District Supervisor.	Signed By <i>Mike Bratcher</i>
Title: Production Foreman	Approval Date: JUL 12 2012	Expiration Date:
E-mail Address: jhernandez@linenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 07-02-2012 Phone: 575-942-9492		

* Attach Additional Sheets If Necessary

Remediation per OCD Rules & Guidelines. **SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:**

8/12/12

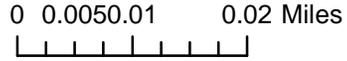
2RP-1214

Appendix II

SITE MAP & SAMPLE DATA

Site Diagram

Linn, Skelly 301 Poly Line
 UL/E, Sec. 28 T17S R31E
 Eddy County, NM
 Drafted By: Lance Crenshaw, 4-8-14



Spill Area:
 14,646 sq. ft.

Legend

Misc_points

Types

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

Pipeline

Type

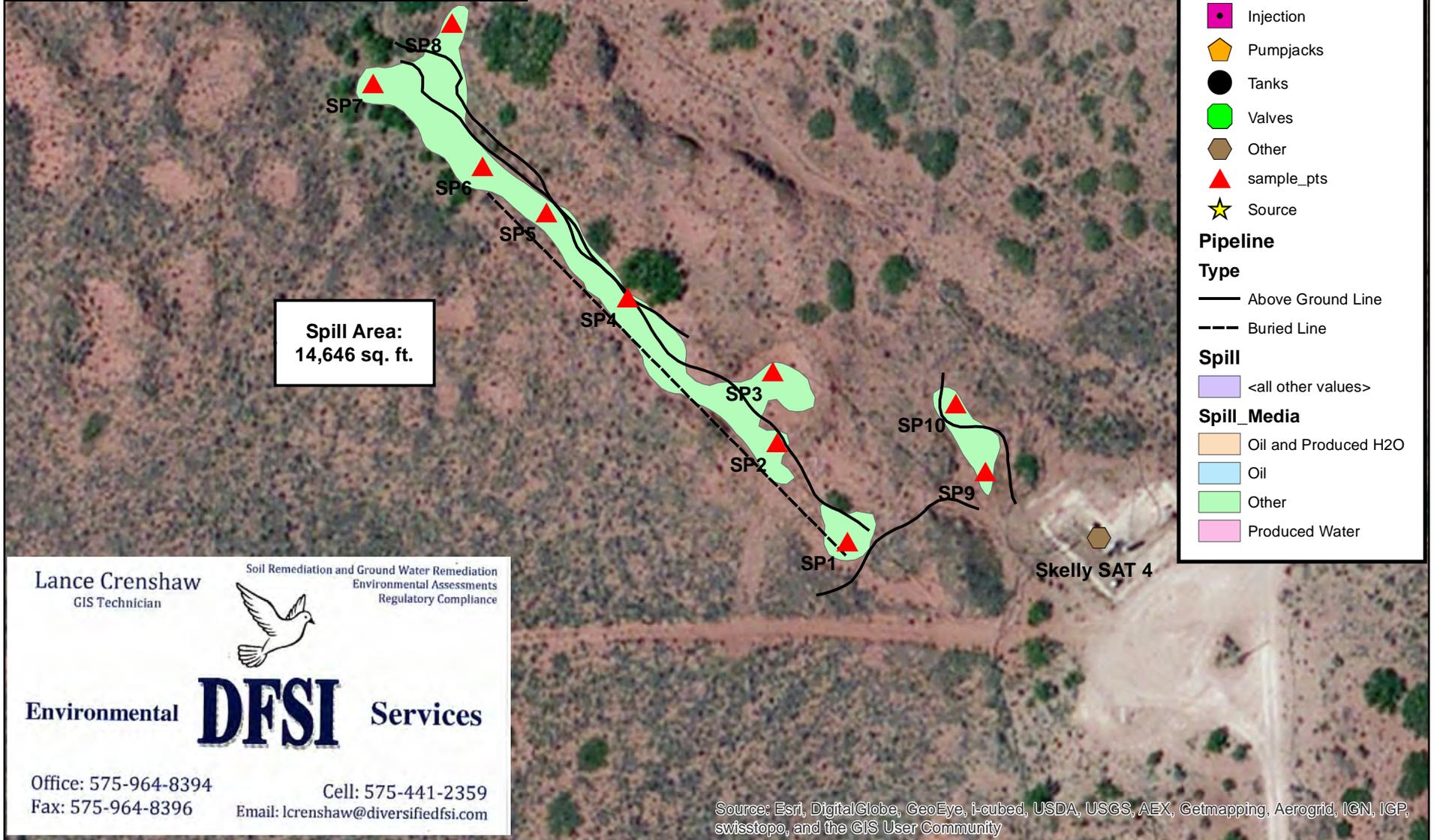
- Above Ground Line
- Buried Line

Spill

- <all other values>

Spill_Media

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



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, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

SS	349	0							
1'	299	0							
2'	224	0	<16	<10	35.9	<0.05	<0.05	<0.05	<0.15

SP9

Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	449	0.3							
1'	249	0.8							
2'	324	0.3	<16	<10	1850	<0.05	<0.05	<0.05	<0.15

SP10

Depth	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
SS	449	0.1							
1'	349	0.2							
2'	374	0.2	<16	<10	<10	<0.05	<0.05	<0.05	<0.15

Wall Samples @ 4'

	Cl-	PID	Lab Cl-	GRO	DRO	B	T	E	X
North	109	0.4	ND	ND	26	ND	ND	ND	ND
South	115	0.5	ND	ND	ND	ND	ND	ND	ND
East	118	1.2	ND	ND	ND	ND	ND	ND	ND
West	114	1.3	42	ND	26	ND	ND	ND	ND

Appendix III

SOIL DELINEATION LABORATORY ANALYSIS

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



May 19, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: SKELLY UNIT #301

Enclosed are the results of analyses for samples received by the laboratory on 05/12/14 16:05.

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 cursive script that reads "Celey D. Keene".

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:	05/12/2014	Sampling Date:	05/12/2014
Reported:	05/19/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #301	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP. 1 @ 2' (H401439-01)

BTEX 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2014	ND	2.32	116	2.00	0.769	
Toluene*	<0.050	0.050	05/15/2014	ND	2.20	110	2.00	0.0923	
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	2.05	103	2.00	0.259	
Total Xylenes*	<0.150	0.150	05/15/2014	ND	6.27	105	6.00	0.427	
Total BTEX	<0.300	0.300	05/15/2014	ND					

Surrogate: Dibromofluoromethane 97.0 % 61.3-142

Surrogate: Toluene-d8 100 % 71.3-129

Surrogate: 4-Bromofluorobenzene 113 % 65.7-141

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	05/14/2014	ND	400	100	400	14.8	

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	05/15/2014	ND	201	100	200	1.88	
DRO >C10-C28	422	10.0	05/15/2014	ND	212	106	200	1.74	

Surrogate: 1-Chlorooctane 140 % 65.2-140

Surrogate: 1-Chlorooctadecane 153 % 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: 05/12/2014
 Reported: 05/19/2014
 Project Name: SKELLY UNIT #301
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP. 2 @ 2' (H401439-02)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2014	ND	2.32	116	2.00	0.769		
Toluene*	<0.050	0.050	05/15/2014	ND	2.20	110	2.00	0.0923		
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	2.05	103	2.00	0.259		
Total Xylenes*	<0.150	0.150	05/15/2014	ND	6.27	105	6.00	0.427		
Total BTEX	<0.300	0.300	05/15/2014	ND						

Surrogate: Dibromofluoromethane 96.1 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

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	05/14/2014	ND	400	100	400	14.8		

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	05/15/2014	ND	201	100	200	1.88		
DRO >C10-C28	<10.0	10.0	05/15/2014	ND	212	106	200	1.74		

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 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:	05/12/2014	Sampling Date:	05/12/2014
Reported:	05/19/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #301	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP. 3 @ 5' (H401439-03)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2014	ND	2.32	116	2.00	0.769		
Toluene*	<0.050	0.050	05/15/2014	ND	2.20	110	2.00	0.0923		
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	2.05	103	2.00	0.259		
Total Xylenes*	<0.150	0.150	05/15/2014	ND	6.27	105	6.00	0.427		
Total BTEX	<0.300	0.300	05/15/2014	ND						

Surrogate: Dibromofluoromethane 98.0 % 61.3-142

Surrogate: Toluene-d8 99.9 % 71.3-129

Surrogate: 4-Bromofluorobenzene 106 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	05/14/2014	ND	400	100	400	14.8		

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	05/15/2014	ND	201	100	200	1.88		
DRO >C10-C28	39.3	10.0	05/15/2014	ND	212	106	200	1.74		

Surrogate: 1-Chlorooctane 140 % 65.2-140

Surrogate: 1-Chlorooctadecane 140 % 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:	05/12/2014	Sampling Date:	05/12/2014
Reported:	05/19/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #301	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP. 4 @ 2' (H401439-04)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2014	ND	2.32	116	2.00	0.769		
Toluene*	<0.050	0.050	05/15/2014	ND	2.20	110	2.00	0.0923		
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	2.05	103	2.00	0.259		
Total Xylenes*	<0.150	0.150	05/15/2014	ND	6.27	105	6.00	0.427		
Total BTEX	<0.300	0.300	05/15/2014	ND						

Surrogate: Dibromofluoromethane 96.8 % 61.3-142

Surrogate: Toluene-d8 99.0 % 71.3-129

Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/14/2014	ND	400	100	400	14.8		

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	05/15/2014	ND	201	100	200	1.88		
DRO >C10-C28	<10.0	10.0	05/15/2014	ND	212	106	200	1.74		

Surrogate: 1-Chlorooctane 130 % 65.2-140

Surrogate: 1-Chlorooctadecane 134 % 63.6-154

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

Received:	05/12/2014	Sampling Date:	05/12/2014
Reported:	05/19/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #301	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP. 5 @ 2' (H401439-05)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2014	ND	1.85	92.4	2.00	5.18		
Toluene*	<0.050	0.050	05/15/2014	ND	1.73	86.5	2.00	7.75		
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	1.61	80.7	2.00	8.03		
Total Xylenes*	<0.150	0.150	05/15/2014	ND	4.93	82.2	6.00	6.38		
Total BTEX	<0.300	0.300	05/15/2014	ND						

Surrogate: Dibromofluoromethane 95.5 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 105 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/14/2014	ND	400	100	400	14.8		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<50.0	50.0	05/15/2014	ND	201	100	200	1.88			
DRO >C10-C28	193	50.0	05/15/2014	ND	212	106	200	1.74			

Surrogate: 1-Chlorooctane 108 % 65.2-140

Surrogate: 1-Chlorooctadecane 170 % 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:	05/12/2014	Sampling Date:	05/12/2014
Reported:	05/19/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #301	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP. 6 @ 2' (H401439-06)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2014	ND	1.85	92.4	2.00	5.18		
Toluene*	<0.050	0.050	05/15/2014	ND	1.73	86.5	2.00	7.75		
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	1.61	80.7	2.00	8.03		
Total Xylenes*	<0.150	0.150	05/15/2014	ND	4.93	82.2	6.00	6.38		
Total BTEX	<0.300	0.300	05/15/2014	ND						

Surrogate: Dibromofluoromethane 96.0 % 61.3-142

Surrogate: Toluene-d8 101 % 71.3-129

Surrogate: 4-Bromofluorobenzene 102 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/14/2014	ND	400	100	400	14.8		

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	05/15/2014	ND	201	100	200	1.88		
DRO >C10-C28	<10.0	10.0	05/15/2014	ND	212	106	200	1.74		

Surrogate: 1-Chlorooctane 127 % 65.2-140

Surrogate: 1-Chlorooctadecane 129 % 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: 05/12/2014
 Reported: 05/19/2014
 Project Name: SKELLY UNIT #301
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP. 7 @ 2' (H401439-07)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2014	ND	1.85	92.4	2.00	5.18		
Toluene*	<0.050	0.050	05/15/2014	ND	1.73	86.5	2.00	7.75		
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	1.61	80.7	2.00	8.03		
Total Xylenes*	<0.150	0.150	05/15/2014	ND	4.93	82.2	6.00	6.38		
Total BTEX	<0.300	0.300	05/15/2014	ND						

Surrogate: Dibromofluoromethane 97.4 % 61.3-142

Surrogate: Toluene-d8 101 % 71.3-129

Surrogate: 4-Bromofluorobenzene 102 % 65.7-141

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	05/14/2014	ND	400	100	400	14.8		

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	05/15/2014	ND	201	100	200	1.88		
DRO >C10-C28	18.2	10.0	05/15/2014	ND	212	106	200	1.74		

Surrogate: 1-Chlorooctane 131 % 65.2-140

Surrogate: 1-Chlorooctadecane 137 % 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:	05/12/2014	Sampling Date:	05/12/2014
Reported:	05/19/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #301	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP. 8 @ 2' (H401439-08)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2014	ND	1.85	92.4	2.00	5.18		
Toluene*	<0.050	0.050	05/15/2014	ND	1.73	86.5	2.00	7.75		
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	1.61	80.7	2.00	8.03		
Total Xylenes*	<0.150	0.150	05/15/2014	ND	4.93	82.2	6.00	6.38		
Total BTEX	<0.300	0.300	05/15/2014	ND						

Surrogate: Dibromofluoromethane 97.9 % 61.3-142

Surrogate: Toluene-d8 101 % 71.3-129

Surrogate: 4-Bromofluorobenzene 104 % 65.7-141

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	05/14/2014	ND	400	100	400	14.8		

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	05/15/2014	ND	201	100	200	1.88		
DRO >C10-C28	35.9	10.0	05/15/2014	ND	212	106	200	1.74		

Surrogate: 1-Chlorooctane 136 % 65.2-140

Surrogate: 1-Chlorooctadecane 143 % 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:	05/12/2014	Sampling Date:	05/12/2014
Reported:	05/19/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #301	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP. 9 @ 2' (H401439-09)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2014	ND	1.85	92.4	2.00	5.18		
Toluene*	<0.050	0.050	05/15/2014	ND	1.73	86.5	2.00	7.75		
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	1.61	80.7	2.00	8.03		
Total Xylenes*	<0.150	0.150	05/15/2014	ND	4.93	82.2	6.00	6.38		
Total BTEX	<0.300	0.300	05/15/2014	ND						

Surrogate: Dibromofluoromethane 94.6 % 61.3-142

Surrogate: Toluene-d8 101 % 71.3-129

Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

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	05/14/2014	ND	400	100	400	14.8		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<100	100	05/15/2014	ND	201	100	200	1.88			
DRO >C10-C28	1850	100	05/15/2014	ND	212	106	200	1.74			

Surrogate: 1-Chlorooctane 76.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 250 % 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:	05/12/2014	Sampling Date:	05/12/2014
Reported:	05/19/2014	Sampling Type:	Soil
Project Name:	SKELLY UNIT #301	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP. 10 @ 2' (H401439-10)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2014	ND	1.85	92.4	2.00	5.18		
Toluene*	<0.050	0.050	05/15/2014	ND	1.73	86.5	2.00	7.75		
Ethylbenzene*	<0.050	0.050	05/15/2014	ND	1.61	80.7	2.00	8.03		
Total Xylenes*	<0.150	0.150	05/15/2014	ND	4.93	82.2	6.00	6.38		
Total BTEX	<0.300	0.300	05/15/2014	ND						

Surrogate: Dibromofluoromethane 97.1 % 61.3-142

Surrogate: Toluene-d8 98.9 % 71.3-129

Surrogate: 4-Bromofluorobenzene 98.5 % 65.7-141

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	05/14/2014	ND	400	100	400	14.8		

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	05/16/2014	ND	203	102	200	0.0683		
DRO >C10-C28	<10.0	10.0	05/16/2014	ND	229	114	200	0.184		

Surrogate: 1-Chlorooctane 97.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 106 % 63.6-154

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- 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



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

Company Name: <u>Linn Energy</u>				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>Brian Wall</u>				P.O. #:																							
Address:				Company: <u>Linn Energy</u>																							
City:		State:		Zip:		Attn: <u>Brian Wall</u>																					
Phone #:		Fax #:		Address:																							
Project #:		Project Owner:		City:																							
Project Name:				State:														Zip:									
Project Location: <u>Skilly 301</u>				Phone #:																							
Sampler Name: <u>Michael Alwed</u>				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME											CL	TPH	STEX							
			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER:																							
<u>H401439</u>																											
<u>1</u>	<u>sp. 1 @ 2'</u>	<u>8</u>				<u>5/2/14</u>	<u>7:30</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
<u>2</u>	<u>sp. 2 @ 2'</u>	<u>8</u>					<u>8:00</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
<u>3</u>	<u>sp. 3 @ 5'</u>	<u>8</u>					<u>8:55</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
<u>4</u>	<u>sp. 4 @ 2'</u>	<u>8</u>					<u>9:30</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
<u>5</u>	<u>sp. 5 @ 2'</u>	<u>8</u>					<u>10:00</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
<u>6</u>	<u>sp. 6 @ 2'</u>	<u>8</u>					<u>10:30</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
<u>7</u>	<u>sp. 7 @ 2'</u>	<u>8</u>					<u>11:00</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
<u>8</u>	<u>sp. 8 @ 2'</u>	<u>8</u>					<u>11:20</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
<u>9</u>	<u>sp. 9 @ 2'</u>	<u>8</u>					<u>11:55</u>	<u>X</u>	<u>X</u>	<u>X</u>																	
<u>10</u>	<u>sp. 10 @ 2'</u>	<u>8</u>					<u>12:45</u>	<u>X</u>	<u>X</u>	<u>X</u>																	

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Relinquished By: <u>[Signature]</u>	Date: <u>5/12/14</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>4:05</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		E-mail Results To:	
Delivered By: (Circle One)			Ngladden@diversifiedfsi.com	
Sampler - UPS - Bus - Other:	<u>4.80</u>	Sample Condition	Rpons@diversifiedfsi.com	
		Cool Intact	Tjennings@diversifiedfsi.com	
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes		
		CHECKED BY: <u>[Signature]</u>		
		(Initials)		

Appendix IV

WALL LABORATORY ANALYSIS

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1603C80

Date Reported:

CLIENT: Diversified Field Services, Inc
Project: SKelly 301

Lab Order: 1603C80

Lab ID: 1603C80-001
Client Sample ID: North Wall @ 4'

Collection Date: 3/24/2016 11:00:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Batch ID	Date Analyzed
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							
Analyst: JME							
Diesel Range Organics (DRO)	26	10		mg/Kg	1	24439	3/25/2016 2:12:03 PM
Surr: DNOP	20.8	70-130	S	%Rec	1	24439	3/25/2016 2:12:03 PM
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 8015D: GASOLINE RANGE							
Analyst: NSB							
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	24446	3/26/2016 12:30:33 PM
Surr: BFB	107	66.2-112		%Rec	1	24446	3/26/2016 12:30:33 PM
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 8021B: VOLATILES							
Analyst: NSB							
Benzene	ND	0.024		mg/Kg	1	24446	3/26/2016 12:30:33 PM
Toluene	ND	0.048		mg/Kg	1	24446	3/26/2016 12:30:33 PM
Ethylbenzene	ND	0.048		mg/Kg	1	24446	3/26/2016 12:30:33 PM
Xylenes, Total	ND	0.097		mg/Kg	1	24446	3/26/2016 12:30:33 PM
Surr: 4-Bromofluorobenzene	109	80-120		%Rec	1	24446	3/26/2016 12:30:33 PM
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 300.0: ANIONS							
Analyst: SRM							
Chloride	ND	30		mg/Kg	20	24453	3/25/2016 10:53:17 PM

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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1603C80

Date Reported:

CLIENT: Diversified Field Services, Inc
Project: SKelly 301

Lab Order: 1603C80

Lab ID: 1603C80-002
Client Sample ID: South Wall @ 4'

Collection Date: 3/24/2016 9:30:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Batch ID	Date Analyzed
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							
Analyst: JME							
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	24439	3/25/2016 2:56:00 PM
Surr: DNOP	17.9	70-130	S	%Rec	1	24439	3/25/2016 2:56:00 PM
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 8015D: GASOLINE RANGE							
Analyst: NSB							
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	24446	3/26/2016 1:41:10 PM
Surr: BFB	106	66.2-112		%Rec	1	24446	3/26/2016 1:41:10 PM
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 8021B: VOLATILES							
Analyst: NSB							
Benzene	ND	0.024		mg/Kg	1	24446	3/26/2016 1:41:10 PM
Toluene	ND	0.048		mg/Kg	1	24446	3/26/2016 1:41:10 PM
Ethylbenzene	ND	0.048		mg/Kg	1	24446	3/26/2016 1:41:10 PM
Xylenes, Total	ND	0.095		mg/Kg	1	24446	3/26/2016 1:41:10 PM
Surr: 4-Bromofluorobenzene	110	80-120		%Rec	1	24446	3/26/2016 1:41:10 PM
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 300.0: ANIONS							
Analyst: SRM							
Chloride	ND	30		mg/Kg	20	24453	3/25/2016 11:05:42 PM

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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit

PRELIMINARY

Analytical Report

Lab Order: 1603C80

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Diversified Field Services, Inc
Project: SKelly 301

Lab Order: 1603C80

Lab ID: 1603C80-003
Client Sample ID: East Wall @ 4'

Collection Date: 3/24/2016 10:00:00 AM
Matrix: SOIL

Analyses Result PQL Qual Units DF Batch ID Date Analyzed

Comment: DUE BY 13:00 3/28/16

EPA METHOD 8015M/D: DIESEL RANGE ORGANICS

Analyst: JME

Table with 8 columns: Analyte, Result, PQL, Qual, Units, DF, Batch ID, Date Analyzed. Rows include Diesel Range Organics (DRO) and Surr: DNOP.

Comment: DUE BY 13:00 3/28/16

EPA METHOD 8015D: GASOLINE RANGE

Analyst: NSB

Table with 8 columns: Analyte, Result, PQL, Qual, Units, DF, Batch ID, Date Analyzed. Rows include Gasoline Range Organics (GRO) and Surr: BFB.

Comment: DUE BY 13:00 3/28/16

EPA METHOD 8021B: VOLATILES

Analyst: NSB

Table with 8 columns: Analyte, Result, PQL, Qual, Units, DF, Batch ID, Date Analyzed. Rows include Benzene, Toluene, Ethylbenzene, Xylenes, Total, and Surr: 4-Bromofluorobenzene.

Comment: DUE BY 13:00 3/28/16

EPA METHOD 300.0: ANIONS

Analyst: SRM

Table with 8 columns: Analyte, Result, PQL, Qual, Units, DF, Batch ID, Date Analyzed. Row includes Chloride.

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

Table with 2 columns: Qualifiers and Description. Includes codes like *, D, H, ND, R, B, E, J, P, RL and their corresponding meanings.

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1603C80

Date Reported:

CLIENT: Diversified Field Services, Inc
Project: SKelly 301

Lab Order: 1603C80

Lab ID: 1603C80-004

Collection Date: 3/24/2016 10:30:00 AM

Client Sample ID: West Wall @ 4'

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Batch ID	Date Analyzed
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							
Analyst: JME							
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	24439	3/25/2016 3:39:56 PM
Surr: DNOP	24.3	70-130	S	%Rec	1	24439	3/25/2016 3:39:56 PM
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 8015D: GASOLINE RANGE							
Analyst: NSB							
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	24446	3/26/2016 3:15:33 PM
Surr: BFB	106	66.2-112		%Rec	1	24446	3/26/2016 3:15:33 PM
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 8021B: VOLATILES							
Analyst: NSB							
Benzene	ND	0.023		mg/Kg	1	24446	3/26/2016 3:15:33 PM
Toluene	ND	0.046		mg/Kg	1	24446	3/26/2016 3:15:33 PM
Ethylbenzene	ND	0.046		mg/Kg	1	24446	3/26/2016 3:15:33 PM
Xylenes, Total	ND	0.093		mg/Kg	1	24446	3/26/2016 3:15:33 PM
Surr: 4-Bromofluorobenzene	108	80-120		%Rec	1	24446	3/26/2016 3:15:33 PM
Comment: DUE BY 13:00 3/28/16							
EPA METHOD 300.0: ANIONS							
Analyst: SRM							
Chloride	42	30		mg/Kg	20	24453	3/25/2016 11:55:20 PM

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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit

Appendix V

SITE PHOTOS



Skelly Unit #301

PHOTO PAGE



Site prior

4/8/2014



Site prior

4/8/2014



Collecting soil samples

4/28/2014



Collecting soil samples

4/28/2014



Excavating SP3

3/25/2016



Excavating SP3

3/25/2016



Completed excavation

3/25/2016



Installing river rock at the base of the 4' deep excavation

3/26/2016



Backfilling excavation

3/26/2016



Site completed

3/28/2016

Appendix VI

SEEDING REPORT

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

DIVERSIFIED FIELD SERVICES, INC.

Project: Stelly 301 - Linn
 Seed and lbs. used: BLM # 2

Date Started: 3/28/16
 Date Completed: 3/28/16

Curtis and Curtis, Inc.
 4300 North Prince
 Clovis, NM 88130
 Phone: (575) 762-4759
 www.curtisseed.com

Diversified Construction
 5 Acre BLM #2 Mix
 5 - 1 Acre Bags @ 39.17 Bulk Pounds Each

Stelly 301

Item	Origin	Purity	Gen	Perman	Total Germination	Test Date	Total PLS Pounds
Sand Dropseed	Texas	11.10%	33.00%	59.00%	92.00%	03/15	20.00
VNS	Missouri	16.13%	91.00%	4.00%	95.00%	09/15	30.00
Little Bluestem	Colorado	11.34%	84.00%	6.00%	90.00%	09/15	20.00
Aldous	Oklahoma	26.39%	15.00%	81.00%	96.00%	03/15	50.00
Coreopsis	Texas	16.47%	86.00%	7.00%	93.00%	09/15	30.00
Plains							
Plains Bristlegross							
VNS							
Sideroxylon							
El Reno							
Other Crop		0.24%					
Weed Seed		0.07%					
Inert Matter		18.06%					

Total Bulk Pounds: 196

There Are 5 Bags For This Mix
 This Bag Weighs 39.17 Bulk Pounds
 Use This Bag For 1 Acre

Supervisor: 

Appendix VII

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 #301	Facility Type: Injection

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-29496
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from	East/West Line	County
E	28	17S	31E	1980	North	560	West	Eddy

Latitude: 32.8073765024948 Longitude: -103.88144231194

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 3 bbls	Volume Recovered: 0
Source of Release: Polyline	Date and Hour of Occurrence 06/20/2012 9:00 am	Date and Hour of Discovery 06/20/2012 9:30 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Terry Gregston - BLM Mike Bratcher - NMOCD	
By Whom? Joe Hernandez	Date and Hour: 06/22/2012 3:00 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.*

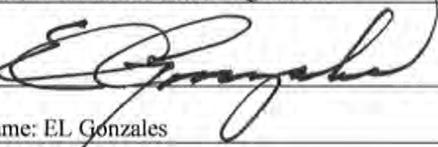
Describe Cause of Problem and Remedial Action Taken.*

Fuse on polyline developed hole. Sprayed oil and water onto open field.

Describe Area Affected and Cleanup Action Taken.

On April 11, 2014, DFSI personnel were on site to obtain samples within the leak area. Ten 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). All clean field samples under NMOCD and BLM regulatory guidelines were submitted for laboratory analysis at Cardinal Laboratories of Hobbs, NM to obtain confirmation. A work plan was submitted to NMOCD and BLM on December 21, 2015, and approved by BLM on February 18, 2016, with stipulations, and NMOCD on February 4, 2016. Beginning March 9, 2016, DFSI personnel were on site to till and blend the soil within the release area, with the exception of the area surrounding SP3. Due to elevated chloride concentrations, SP3 was excavated to a depth of 4' bgs. At the base of the excavation, a river rock layer was installed to inhibit the downward migration of chlorides and TPH, as per BLM approval of the Work Plan. Prior to backfilling, four-wall composite samples were collected and submitted for laboratory analysis at Hall Environmental of Albuquerque, NM to obtain confirmation. The excavation was backfilled with clean, imported topsoil to ground surface and contoured to the surrounding area. Contaminated soil was properly disposed of at an NMOCD approved facility. On March 28, 2016, the site was seeded with BLM Mix #2.

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: 3/31/2016 Phone: 575-504-8002		

* Attach Additional Sheets If Necessary