



Government N #002

CLOSURE REQUEST

API No. 30-025-23122

Release Date: September 14, 2013

Unit Letter N, Section 19, Township 20 South, Range 34 East

NMOCD Case #: 1R-2954

June 8, 2017

Prepared by:

Michael Burton

Environmental Department

Diversified Field Service, Inc.

206 W. Snyder

Hobbs, NM 88240

Phone: (575)964-8394

Fax: (575)393-8396

Olivia Yu
Environmental Specialist
NM Oil Conservation District – Division 1
1625 N French Drive
Hobbs, NM 88240

RE: **Linn Energy Government N #002**
Closure Request
UL/N, Section 19, T20S, R34E
API No. 30-025-23122
NMOCD Case #: 1R-2954
NMOCD Score: 0

Ms. Yu,

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

The site is located southwest of Monument, NM, in Lea County. On September 14, 2013, the spill resulted an overflowed tank, releasing a total of 40 barrels of oil, with 10 barrels recovered. The impacted area is on the east side of the location. An initial C-141 was submitted to the NMOCD on September 13, 2013, and approved on September 18, 2012 (Appendix I).

Site Assessment and Delineation

A secondary release occurred at the same heater on site February 28, 2015. DFSI personnel were on site and completed approved corrective action at this location, with an approved Final C-141 signed by NMOCD on April 8, 2015. However, to be proactive, DFSI personnel were on site May 10, 2017 to obtain samples within the leak area (Appendix II). One sample point was obtained and field, yielding low concentrations at or below regulatory limits (Appendix III). The bottom sample was submitted for analysis at Hall Environmental Laboratory of Albuquerque, NM to obtain confirmation, resulting in chloride, TPH and BTEX concentrations below regulatory limit (Appendix IV).

Conclusion

DFSI has conducted a groundwater study of the area and has determined, according to the New Mexico Office of the State Engineer, the average depth to groundwater beneath the site is approximately 150 ft bgs. Therefore, no eminent danger of groundwater impact or threat to life is anticipated (Appendix V).

Based on the report and low concentrations of constituents, DFSI, on behalf of Linn, submits the final C-141 (Appendix VI) and respectfully requests the closure of this regulatory file.

Please feel free to contact me with any questions concerning this closure request.

Sincerely,



Michael Burton

Environmental Operations Director | Diversified Field Service, Inc.

206 West Snyder | Hobbs, NM 88240

Office: (575)964-8394 | Mobile: (575)390-5454

Fax: (575)964-8396 | Email: mburton@diversifiedfsi.com

CC: Shelly Tucker, BLM

Appendices: Initial C-141
Site Photo
Soil Data
Laboratory Analysis
Groundwater Study
Final C-141

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

SEP 18 2013

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
RECEIVED

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: Government N # 2	Facility Type: Oil
Surface Owner: Federal	Mineral Owner:
API No.: 3002523122	

LOCATION OF RELEASE

Unit Letter N	Section 19	Township 20S	Range 34E	Feet from the 590	North/South Line South	Feet from the 1913	East/West Line West	County Lea
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Latitude: 32.552971798298 Longitude: -103.601948239229

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 40 bbls	Volume Recovered: 30 bbls
Source of Release: Heater	Date and Hour of Occurrence: 09/14/2013 9am	Date and Hour of Discovery: 09/14/2013 9am
Was Immediate Notice Given? NOT WITHIN 24 HRS gwl <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mark Whitaker- NM OCD Mike Burton- BLM	
By Whom? Brian Wall 9/16/13	Date and Hour 09/16/2013 8:45am 09/14/2013	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	


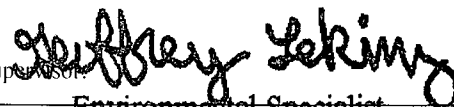
If a Watercourse was Impacted, Describe Fully.*:

GW 9.155'

Describe Cause of Problem and Remedial Action Taken.*: Casing valve at the well head was closed, heater lost all gas and everything from the vessel went to the water tank. The tank over filled.

Describe Area Affected and Cleanup Action Taken.* : Used vacuum truck to pickup oil from containment and backhole, crew

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: Brian Wall	Approved by District Supervisor  Environmental Specialist	
Title: Construction Foreman II	Approval Date: 09/18/13	Expiration Date: 11/18/13
E-mail Address: bwall@linenergy.com	Conditions of Approval: DELINEATE AND REMEDIATE TO OCD RECORDS.	Attached <input type="checkbox"/>
Date: 09/16/2013 Phone: 806-367-0645	IRP-9-13-2954	

* Attach Additional Sheets If Necessary

SUBMIT FINAL C-141 BY
11/13/13

SEP 18 2013

Appendix II

SITE PHOTO

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

Government N #002

Photo Page



Collecting sample

Appendix III

SOIL DATA

DFSI, INC. CL- FIELD TITRATION RESULTS

LOCATION: LINN GOVERNMENT N #2

DATE: 05/10/17

Sample pt.	DEPTH	SOIL	WATER	CF	AGNO3	CL-	PID	SOIL LITHOLOGY
SP1	surface	16	39	2.44	0.13	317		rocky sandy sand dry
	2'	18	42	2.33	0.05	117		rocky sandy sand damp
	5'	17	40	2.35	0.08	188		sandy sand damp
	7'	17	46	2.71	0.05	135		sandy sand damp
	10'	15	41	2.73	0.05	137		sandy sand damp

Appendix IV

LABORATORY ANALYSIS

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



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 19, 2017

Michael Burton
Diversified Field Services, Inc
315 S. Leech St
Hobbs, NM 88240
TEL: (575) 964-8394
FAX

RE: Government N #2

OrderNo.: 1705683

Dear Michael Burton:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/12/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1705683

Date Reported: 5/19/2017

CLIENT: Diversified Field Services, Inc

Client Sample ID: SP1 @Surface

Project: Government N #2

Collection Date: 5/10/2017 9:24:00 AM

Lab ID: 1705683-001

Matrix: SOIL

Received Date: 5/12/2017 9:50:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	300	30		mg/Kg	20	5/18/2017 3:19:03 PM	31813
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/16/2017 11:51:12 AM	31741
Surr: DNOP	74.3	70-130		%Rec	1	5/16/2017 11:51:12 AM	31741
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/16/2017 2:01:40 PM	31734
Surr: BFB	88.7	54-150		%Rec	1	5/16/2017 2:01:40 PM	31734
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/16/2017 2:01:40 PM	31734
Toluene	ND	0.048		mg/Kg	1	5/16/2017 2:01:40 PM	31734
Ethylbenzene	ND	0.048		mg/Kg	1	5/16/2017 2:01:40 PM	31734
Xylenes, Total	ND	0.096		mg/Kg	1	5/16/2017 2:01:40 PM	31734
Surr: 4-Bromofluorobenzene	99.4	66.6-132		%Rec	1	5/16/2017 2:01:40 PM	31734

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
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1705683

Date Reported: 5/19/2017

CLIENT: Diversified Field Services, Inc

Client Sample ID: SP1 @ 10'

Project: Government N #2

Collection Date: 5/10/2017 9:49:00 AM

Lab ID: 1705683-002

Matrix: SOIL

Received Date: 5/12/2017 9:50:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	53	30		mg/Kg	20	5/18/2017 3:31:27 PM	31813
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	15	9.4		mg/Kg	1	5/16/2017 12:13:21 PM	31741
Surr: DNOP	98.2	70-130		%Rec	1	5/16/2017 12:13:21 PM	31741
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/16/2017 3:13:08 PM	31734
Surr: BFB	93.9	54-150		%Rec	1	5/16/2017 3:13:08 PM	31734
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/16/2017 3:13:08 PM	31734
Toluene	ND	0.048		mg/Kg	1	5/16/2017 3:13:08 PM	31734
Ethylbenzene	ND	0.048		mg/Kg	1	5/16/2017 3:13:08 PM	31734
Xylenes, Total	ND	0.097		mg/Kg	1	5/16/2017 3:13:08 PM	31734
Surr: 4-Bromofluorobenzene	107	66.6-132		%Rec	1	5/16/2017 3:13:08 PM	31734

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
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1705683

19-May-17

Client: Diversified Field Services, Inc

Project: Government N #2

Sample ID	MB-31813		SampType: mblk		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 31813		RunNo: 42909					
Prep Date:	5/18/2017		Analysis Date: 5/18/2017		SeqNo: 1350314		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-31813		SampType:	lcs		TestCode:	EPA Method 300.0: Anions				
Client ID:	LCSS		Batch ID:	31813		RunNo:	42909				
Prep Date:	5/18/2017		Analysis Date:	5/18/2017		SeqNo:	1350315		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	14	1.5	15.00	0	93.7	90	110				

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1705683

19-May-17

Client: Diversified Field Services, Inc

Project: Government N #2

Sample ID	LCS-31741		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 31741		RunNo: 42804					
Prep Date:	5/15/2017		Analysis Date: 5/16/2017		SeqNo: 1346873		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.2	73.2	114			
Surr: DNOP	3.9		5.000		77.5	70	130			

Sample ID	MB-31741		SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS		Batch ID: 31741		RunNo: 42804					
Prep Date:	5/15/2017		Analysis Date: 5/16/2017		SeqNo: 1346874		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.5		10.00		84.9	70	130			

Sample ID	LCS-31779		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 31779		RunNo: 42848					
Prep Date:	5/17/2017		Analysis Date: 5/17/2017		SeqNo: 1348461		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		92.8	70	130			

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
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1705683

19-May-17

Client: Diversified Field Services, Inc

Project: Government N #2

Sample ID	MB-31734		SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	PBS		Batch ID: 31734		RunNo: 42820					
Prep Date:	5/15/2017		Analysis Date: 5/16/2017		SeqNo: 1347060		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	930		1000		92.8	54	150			

Sample ID	LCS-31734		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 31734		RunNo: 42820					
Prep Date:	5/15/2017		Analysis Date: 5/16/2017		SeqNo: 1347061		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.8	76.4	125			
Surr: BFB	1000		1000		102	54	150			

Sample ID	1705683-001AMS		SampType: MS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	SP1@Surface		Batch ID: 31734		RunNo: 42820					
Prep Date:	5/15/2017		Analysis Date: 5/16/2017		SeqNo: 1347064		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	24.22	0	98.7	61.3	150			
Surr: BFB	1000		969.0		103	54	150			

Sample ID	1705683-001AMSD		SampType:	MSD		TestCode:	EPA Method 8015D: Gasoline Range				
Client ID:	SP1@Surface		Batch ID:	31734		RunNo:	42820				
Prep Date:	5/15/2017		Analysis Date:	5/16/2017		SeqNo:	1347065		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	25	4.8	24.13	0	104	61.3	150	4.75	20		
Surr: BFB	1000		965.3		106	54	150	0	0		

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1705683

19-May-17

Client: Diversified Field Services, Inc

Project: Government N #2

Sample ID	MB-31734		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles					
Client ID:	PBS		Batch ID: 31734		RunNo: 42820					
Prep Date:	5/15/2017		Analysis Date: 5/16/2017		SeqNo: 1347093		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		109	66.6	132			

Sample ID	LCS-31734		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS		Batch ID: 31734		RunNo: 42820					
Prep Date:	5/15/2017		Analysis Date: 5/16/2017		SeqNo: 1347094		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.4	80	120			
Toluene	0.99	0.050	1.000	0	99.4	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.7	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	66.6	132			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: DIVERSIFIED FIELD SE

Work Order Number: 1705683

RcptNo: 1

Received By: Andy Jansson

5/12/2017 9:50:00 AM

Completed By: Andy Jansson

5/12/2017 1:01:20 PM

Reviewed By:

ENM

05/12/17

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? Courier

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐
- # of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.3	Good	Yes			

Chain-of-Custody Record

Client: DIVERSIFIED

Mailing Address:

Bill To Linn

Phone #:

email or Fax#:

QACC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other

☐ EDD (Type)

Project Manager:

MICHAEL BURTON

Sampler: ELISAH RASCON

On Ice: ☒ Yes ☐ No

Sample Temperature: 3.30C

HEAL No.

1705683

Container Type and #

SAR

-001

SAR

-002

Sample Request ID

SP1 @ SURFACE

SP1 @ 10'

Date

5-10-17

924

Matrix

SOIL

SOIL

Date

5-11-17

0700

Relinquished by:

Shah

Date

5/11/17

1900

Received by:

Shah

Date

5/11/17

0900

Received by:

Shah

Date

5/12/17

0950

Remarks:

EMAIL ALL @ DIVERSIFIED

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of the possibility. Any sub-contracted data will be clearly marked on the analytical report.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMB's (6021)	<input checked="" type="checkbox"/>
BTEX + MTBE + TPH (Gas only)	<input checked="" type="checkbox"/>
TPH 8015B (GRO / DRO / MRO)	<input checked="" type="checkbox"/>
TPH (Method 418.1)	<input type="checkbox"/>
EDB (Method 504.1)	<input type="checkbox"/>
PAH's (8310 or 8270 SIMS)	<input type="checkbox"/>
RCRA 8 Metals	<input checked="" type="checkbox"/>
Anions (F ⁻ , Cl ⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻)	<input checked="" type="checkbox"/>
808+ Pesticides / 8082 PCB's	<input type="checkbox"/>
8260B (VOA)	<input type="checkbox"/>
8270 (Semi-VOA)	<input type="checkbox"/>
Air Bubbles (Y or N)	<input type="checkbox"/>

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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	Sub-basin	County	Q	Q	Q	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
CP 00657 POD1		CP	LE	64	16	4	3	17	20S	34E	632465	3604239*	165	

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

PLSS Search:

Section(s): 17, 18, 19, 20, **Township:** 20S **Range:** 34E
29, 30

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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WATER COLUMN/ AVERAGE DEPTH TO
WATER



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has been
replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	Sub-basin	County	Q	Q	Q	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
CP 00798 POD1		CP	LE	2	1	1	24	20S	33E	629348	3603892*	850		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

PLSS Search:

Section(s): 13, 24, 25

Township: 20S

Range: 33E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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WATER COLUMN/ AVERAGE DEPTH TO
WATER

Appendix VI

FINAL C-141

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

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Linn Energy	Contact: Aaron Hickert
Address: 2130 W Bender, Hobbs, NM 88240	Telephone No. 432-363-9496
Facility Name: Government N #002	Facility Type: Oil

Surface Owner: Federal	Mineral Owner:	API No. 30-025-23122
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LOCATION OF RELEASE

Unit Letter N	Section 19	Township 20S	Range 34E	Feet from the 590	North/South Line South	Feet from 1913	East/West Line West	County Lea
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Latitude: 32.552971798298 Longitude: -103.601948239229

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 40 bbls	Volume Recovered: 30 bbls
Source of Release: Heater	Date and Hour of Occurrence 09/14/2013 9:00 AM	Date and Hour of Discovery 09/14/2013 9:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mark Whitaker - NMOCD, Mike Burton - BLM	
By Whom? Brian Wall	Date and Hour: 09/16/2013 8:45 AM	
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.*

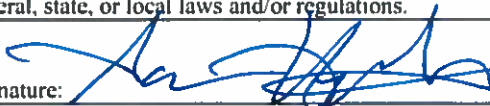
Describe Cause of Problem and Remedial Action Taken.*

Casing valve at the well head was closed, heater lost all gas and everything from the vessel went to the water tank. The tank overfilled. Used vacuum truck to pick up oil from containment.

Describe Area Affected and Cleanup Action Taken.

A secondary release occurred at the same heater on site February 28, 2015. DFSI personnel were on site and completed approved corrective action at this location, with an approved Final C-141 signed by NMOCD on April 8, 2015. However, to be proactive, DFSI personnel were on site May 10, 2017 to obtain samples within the leak area. One sample point was obtained and field, yielding low concentrations at or below regulatory limits. The bottom sample was submitted for analysis at Hall Environmental Laboratory of Albuquerque, NM to obtain confirmation, resulting in chloride, TPH and BTEX concentrations below regulatory limits.

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

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Aaron Hickert	Approved by Environmental Specialist:		
Title: Sr EH&S Representative	Approval Date:	Expiration Date:	
E-mail Address: ahickert@linenergy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 06/05/2017 Phone: 432-363-9496			

* Attach Additional Sheets If Necessary