Hudson Federal Tank Battery

CLOSURE REQUEST

Release Date: May 7, 2017

Unit Letter A, Section 18, Township 17 South, Range 31 East

API #: 30-015-28962

NMOCD Case #: 2R-4206

August 7, 2017

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

Mike Bratcher
Environmental Specialist
NMOCD – District 2
811 S First St
Artesia, NM 88210

RE: **Linn Energy Hudson Federal Tank Battery**
Closure Request
UL/A, Section 18, T17S, R31E
API No. 30-015-28962
NMOCD Case #: 2R-4206
NMOCD Score: 0

Mr. Bratcher,

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

The site is located northeast of Loco Hills, NM in Eddy County. The spill resulted from a corroded nipple on the production tank, causing crude oil to release within the containment. Approximately 85 barrels of oil were released, with approximately 70 bbls recovered. An initial C-141 was submitted to the NMOCD on May 11, 2017 and approved on May 12, 2017 (Appendix I).

DFSI has conducted a groundwater study of the area and has determined, according to the New Mexico Office of the State Engineer, there is no known groundwater beneath the site (Appendix II).

Site Activities
On May 9, 2017, DFSI personnel were on site to obtain and field test samples. Four samples points were collected and field tested in regular intervals. Auger refusal was encountered. In order to further delineate the site, on June 1, 2017, a soil bore was installed within the former bermed area. The bore was installed to a depth of 15' bgs, with samples collected and field tested at regular intervals. The bottom samples, 15' bgs, was submitted to Hall Environmental of Albuquerque, NM to obtain confirmation, resulting in concentrations below regulatory limits of TPH (Appendix III).

Beginning May 8, 2017, the release area was to a depth of 4' bgs (Appendix IV). At the base of the excavation, a 20-mil, reinforced liner was installed and properly seated at the base of the excavation to inhibit the downward migration of soil constituents. Excavated

soil was properly disposed of at a NMOCD approved facility. The excavation was backfilled with clean soil to ground surface and contoured to the surrounding area. As this release occurred within a containment, seeding of the site was not warranted.

Conclusion

Due to the completion of approved corrective remediation work, and any remaining constituents will not impact groundwater, DFSI, on behalf of Linn Energy, submits the final C-141 (Appendix V) and respectfully requests the closure of the regulatory file for this site.

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

Sincerely,

Michael Alves
Environmental Operations Foreman | Diversified Field Service, Inc.
206 West Snyder | Hobbs, NM 88240
Office: (575)964-8394 | Mobile: (575)631-3364
Fax: (575)964-8396 | Email: Malves@diversifiedfsi.com

Cc: Shelly Tucker, BLM

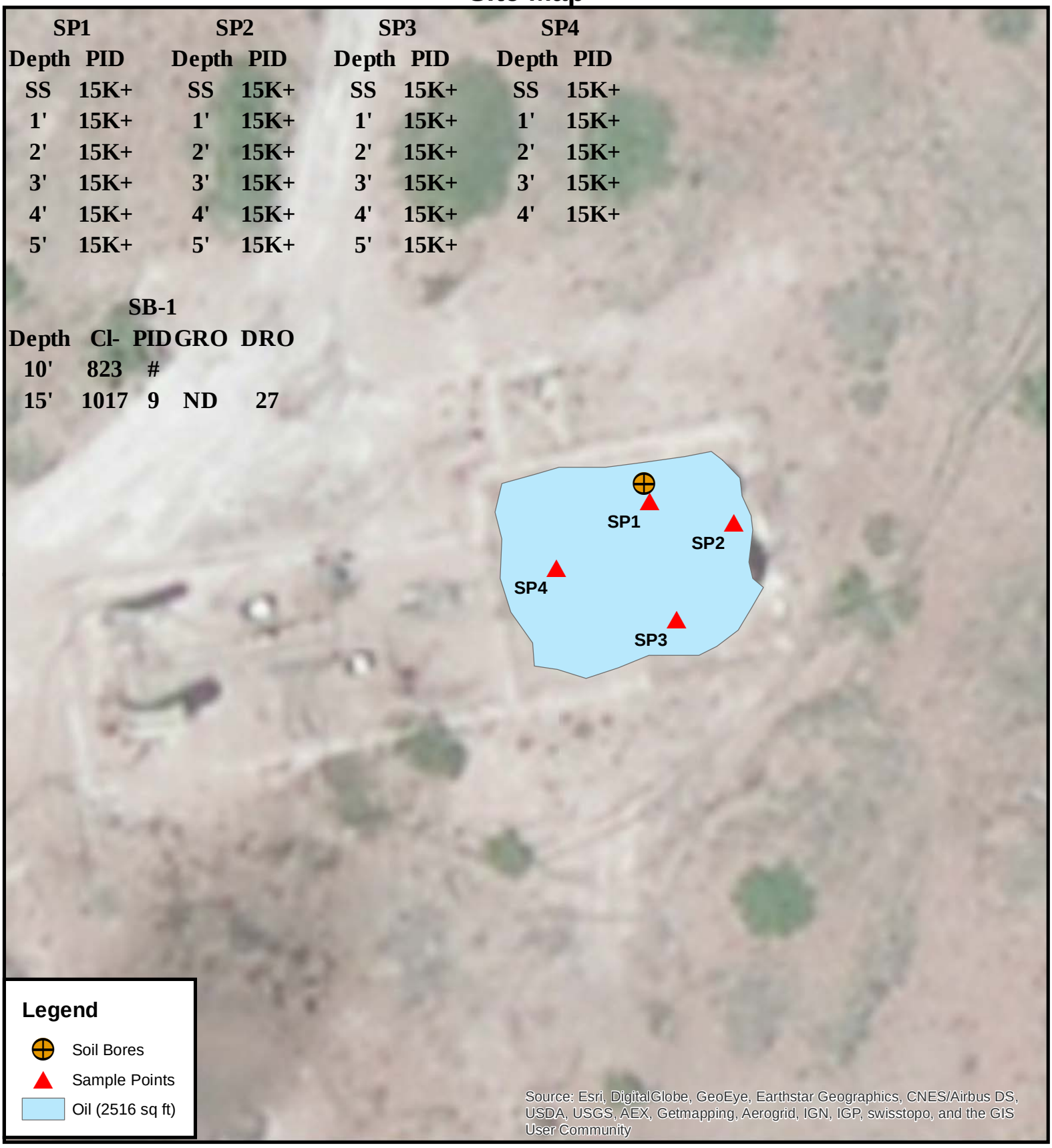
Figures: Site Diagram

Appendices: Initial C-141
Groundwater Study
Laboratory Analysis
Site Photos
Final C-141

Site Map

SP1		SP2		SP3		SP4	
Depth	PID	Depth	PID	Depth	PID	Depth	PID
SS	15K+	SS	15K+	SS	15K+	SS	15K+
1'	15K+	1'	15K+	1'	15K+	1'	15K+
2'	15K+	2'	15K+	2'	15K+	2'	15K+
3'	15K+	3'	15K+	3'	15K+	3'	15K+
4'	15K+	4'	15K+	4'	15K+	4'	15K+
5'	15K+	5'	15K+	5'	15K+		

SB-1				
Depth	Cl-	PID	GRO	DRO
10'	823	#		
15'	1017	9	ND	27



Linn
Hudson Federal Tank Battery
UL/A, Section 18, T17S, R31E
Eddy County, NM
API No. 30-015-28962
NMOCD Case #: 2R-4206

Diversified Field Services, Inc.

N
W E
S

0 5 10 20 30 40
Feet

Appendix I

INITIAL C-141

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

NM OIL CONSERVATION
ARTESIA DISTRICT
MAY 11 2017
RECEIVED

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

nAB1713235838

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company **LINN Operating, Inc.** 269324	Contact **Aaron Hickert**
Address **2130 W Bender Blvd Hobbs, NM 88240**	Telephone No. **432-363-9496**
Facility Name **Hudson Federal Tank Battery**	Facility Type **Tank Battery, closest well - Hudson Federal #011**

Surface Owner **Federal**	Mineral Owner **Federal**	API No. **30-015-28962**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	**18**	**17S**	**31E**	**1150**	**North**	**1310**	**East**	**Eddy**

Latitude 32.839107 **Longitude** -103.902429

NATURE OF RELEASE

Type of Release **Crude Oil**	Volume of Release **85 Bbl**	Volume Recovered **70 Bbl**
Source of Release **Circulation Line, Corrosion**	Date and Hour of Occurrence **5/7/17 at 9:40am**	Date and Hour of Discovery **5/7/17 at 9:40am**
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

New forms can be found in the New Mexico State Website in forms: http://www.emnrd.state.nm.us/ **OCD/forms.html**

Describe Cause of Problem and Remedial Action Taken.*
4" nipple on production tanks circulating line failed due to corrosion releasing crude oil inside containment. Shut in production, called Vac truck to recover crude oil, fixed piping.

Describe Area Affected and Cleanup Action Taken.*
Initial cleanup started, and delineation in progress to develop work plan.

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:

Printed Name: **Aaron Hickert**

Title: **Sr. EH&S Representative**

E-mail Address: **ahickert@linnenergy.com**

Date: 5-11-2017 Phone: **432-363-9496**

OIL CONSERVATION DIVISION

Signed By Mike Bratcher

Approved by Environmental Specialist:

Approval Date: 5/12/17 Expiration Date: N/A

Conditions of Approval: See attached

Attached ☐

* Attach Additional Sheets If Necessary

2RP-4206

Appendix II

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 7, 8, 17, 18, 19, 20 Township: 17S Range: 31E

5/17/17 3:09 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 12, 13, 24 Township: 17S Range: 30E

5/17/17 3:09 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Appendix III

LABORATORY ANALYSIS

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

June 08, 2017

Michael Burton

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

RE: Hudson Fed Batt Unit A OrderNo.: 1706163

Dear Michael Burton:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/3/2017 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1706163**
Date Reported: **6/8/2017**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Diversified Field Services, Inc
Client Sample ID: SB1 @ 15'
Project: Hudson Fed Batt Unit A
Collection Date: 6/1/2017 10:17:00 AM
Lab ID: 1706163-001 **Matrix:** SOIL **Received Date:** 6/3/2017 10:40:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	27	9.8		mg/Kg	1	6/7/2017 2:28:10 PM	32127
Surr: DNOP	93.1	70-130		%Rec	1	6/7/2017 2:28:10 PM	32127
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/6/2017 2:15:38 PM	32111
Surr: BFB	105	54-150		%Rec	1	6/6/2017 2:15:38 PM	32111

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#: **1706163**

08-Jun-17

Client: Diversified Field Services, Inc

Project: Hudson Fed Batt Unit A

Sample ID **LCS-32146**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **32146**	RunNo: **43305**
Prep Date: **6/7/2017**	Analysis Date: **6/7/2017**	SeqNo: **1363279** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.8		5.000		76.2	70	130			

Sample ID **MB-32146**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **32146**	RunNo: **43305**
Prep Date: **6/7/2017**	Analysis Date: **6/7/2017**	SeqNo: **1363280** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.1		10.00		81.2	70	130			

Sample ID **LCS-32127**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **32127**	RunNo: **43305**
Prep Date: **6/6/2017**	Analysis Date: **6/7/2017**	SeqNo: **1363486** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	84.4	73.2	114			
Surr: DNOP	3.6		5.000		72.1	70	130			

Sample ID **MB-32127**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **32127**	RunNo: **43305**
Prep Date: **6/6/2017**	Analysis Date: **6/7/2017**	SeqNo: **1363487** 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	8.1		10.00		80.6	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#: **1706163**

08-Jun-17

Client: Diversified Field Services, Inc

Project: Hudson Fed Batt Unit A

Sample ID	**MB-32111**	SampType:	**MBLK**	TestCode:	**EPA Method 8015D: Gasoline Range**
Client ID:	**PBS**	Batch ID:	**32111**	RunNo:	**43287**
Prep Date:	**6/5/2017**	Analysis Date:	**6/6/2017**	SeqNo:	**1363134** 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	990		1000		99.2	54	150			

Sample ID	**LCS-32111**	SampType:	**LCS**	TestCode:	**EPA Method 8015D: Gasoline Range**
Client ID:	**LCSS**	Batch ID:	**32111**	RunNo:	**43287**
Prep Date:	**6/5/2017**	Analysis Date:	**6/6/2017**	SeqNo:	**1363135** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	76.4	125			
Surr: BFB	1100		1000		111	54	150			

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

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: **1706163** RcptNo: 1

Received By: **Anne Thorne** ~~6/2/2017~~ 10:40:00 AM 6.3.17

Completed By: **Richie Eriacho** 6/5/2017 11:47:00 AM

Reviewed By: ENH 06/05/17

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° 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 °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.1	Good				

Chain-of-Custody Record

Client: DIVERSIFIED
PO# 8393

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name:
HUDSON FED BATT UNIT A

Project #:

Project Manager:
MICHAEL BURTON

Sampler: ELISAH RASCON

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.1

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1706163	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
6-1-17	1017	SOIL	SB1@15'	JAR	COOL	-001			X													

Date:	Time:	Relinquished by:	Received by:	Date	Time
6-2-17	0730			6/2/17	0730
6/2/17	1900			06/03/17	0046

Remarks:
EMAIL ALL@DIVERSIFIED

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

Appendix IV

SITE PHOTOS

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

Hudson Federal Tank Battery

Site prior

Site prior

Site prior

Site prior

Collecting sample by auger

Collecting sample by bore installation

Importing soil

Excavation completed

Installed 20-mil, reinforced poly liner

Backfilling with imported soil

Backfilling site

Site completed

Appendix V

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: Hudson Federal Tank Battery	Facility Type: Tank Battery, closest well – Hudson Federal #011

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-28962

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from	East/West Line	County
A	18	17S	31E	1150	North	1310	East	Eddy

Latitude: 32.839107 **Longitude:** -103.902429

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 85 bbls	Volume Recovered: 70 bbls
Source of Release: Circulation Line, Corrosion	Date and Hour of Occurrence 05/07/2017 9:40 AM	Date and Hour of Discovery 05/07/2017 9:40 AM
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
4" nipple on production tanks circulating line failed due to corrosion releasing crude oil inside containment. Shut in production, called vacuum truck to recover crude oil, fixed piping.

Describe Area Affected and Cleanup Action Taken.
On May 9, 2017, DFSI personnel were on site to obtain and field test samples. Four samples points were collected and field tested in regular intervals. Auger refusal was encountered. In order to further delineate the site, on June 1, 2017, a soil bore was installed within the former bermed area. The bore was installed to a depth of 15' bgs, with samples collected and field tested at regular intervals. The bottom samples, 15' bgs, was submitted to Hall Environmental of Albuquerque, NM to obtain confirmation, resulting in concentrations below regulatory limits of TPH. Beginning May 8, 2017, the release area was to a depth of 4' bgs. At the base of the excavation, a 20-mil, reinforced liner was installed and properly seated at the base of the excavation to inhibit the downward migration of soil constituents. Excavated soil was properly disposed of at a NMOCD approved facility. The excavation was backfilled with clean soil to ground surface and contoured to the surrounding area. As this release occurred within a containment, seeding of the site was not warranted.

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:

Printed Name: Aaron Hickert

Title: Sr EH&S Representative

E-mail Address: ahickert@linnenergy.com

Date: 08/2/2017 Phone: 432-363-9496

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date: Expiration Date:

Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary