



Phillips Lea North & South Battery

(Phillips Lea #002)

CLOSURE REQUEST

API No. 30-025-02163

Release Date: December 30, 2015

Unit Letter G, Section 31, Township 17 South, Range 34 East

NMOCD Case #: 1R-4075

May 9, 2017

Prepared by:

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

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

**RE: Linn Phillips Lea North & South Battery (Phillips Lea #002)
Closure Request**
UL/G, Section 31, T17S, R34E
API No. 30-025-02163
NMOCD Case #: 1R-4075
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 southeast of Maljamar, NM, in Lea County. A release resulted from a failed sensor alarm when the tank overflowed, releasing a total of 20 barrels of produced water and 10 barrels of oil within the lined diked berm, with 20 barrels of produced water and 10 barrels of oil recovered. An initial C-141 was submitted to NMOCD on January 4, 2016 and approved on January 6, 2016 (Appendix I).

Conclusion

The impacted soils were excavated to a depth of 1' bgs and properly disposed of at an approved facility. The excavation was backfilled with clean, imported caliche to ground surface and contoured to the surrounding area. Current site photo documentation is provided (Appendix II). Additional remediation will occur at time of site abandonment.

DFSI has conducted a groundwater study of the area and has determined, according to the New Mexico Office of the State Engineer and Chevron Trend Map, the average depth to groundwater at this site is 139 ft below ground surface (bgs). Therefore, no eminent danger of groundwater impact or threat to life is anticipated (Appendix III).

Due to the removal of impacted soils relative to the depth of groundwater, DFSI, on behalf of Linn Energy, submits the final C-141 (Appendix IV) and respectfully requests the closure of the regulatory file for this site.

Please feel free to contact myself at 575-390-5454 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

Appendices: Initial C-141
 Current Site Photos
 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
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

RECEIVED

By JKeyes at 1:32 pm, Jan 06, 2016

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report



Name of Company Linn Operating Inc.	Contact E.L. Gonzales
Address 2130 W Bender Blvd Hobbs, NM 88240	Telephone No. 575-738-1739
Facility Name Phillips Lea North & South Battery - closest well Phillips Lea #02	Facility Type Battery
Surface Owner State	Mineral Owner
API No. closest well 30-025-02163	

LOCATION OF RELEASE

Unit Letter G	Section 31	Township 17S	Range 34E	Feet from the 2310	North/South Line North	Feet from the 1650	East/West Line East	County Lea
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Latitude 32.7921867 Longitude -103.5967636

NATURE OF RELEASE

Type of Release Produced Water / Oil	Volume of Release 20 bbls / 10 bbls	Volume Recovered 20 bbls / 10 bbls
Source of Release Tank / Sensor Alarm Failure	Date and Hour of Occurrence 12/30/2015	Date and Hour of Discovery 9:00am 12/30/2015
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* The water tank at the central Battery for Phillips Lea alarm stuck on TankLogix and didn't send an alarm.		
Describe Area Affected and Cleanup Action Taken.* Spill was contained within dike with plastic liner.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: 	OIL CONSERVATION DIVISION	
Printed Name: E.L. Gonzales	Approved by Environmental Specialist: 	
Title: Production Supervisor	Approval Date: 01/06/2016	Expiration Date: 03/06/2016
E-mail Address: elgonzales@linenergy.com	Conditions of Approval: Geotagged photos showing lined facility.	Attached <input type="checkbox"/> IRP 4075
Date: 01/04/2016	Phone: 505-504-8002	

* Attach Additional Sheets If Necessary

nJXK1600648555
pJXK1600648672

Appendix II

CURRENT SITE PHOTODOCUMENTATION

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

Phillips Lea Battery



Current photo documentation 5/8/2017



Current photo documentation 5/8/2017



Current photo documentation 5/8/2017



Current photo documentation 5/8/2017

Appendix III

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	POD Sub-basin	County	Q	Q	Q	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
L 01695 POD2		L	LE	3	3	1	30	17S	34E	104	32	240	156	84
L 01696	R	L	LE	4	4	1	30	17S	34E	630974	3630716*	240	149	91
L 01696 S3		L	LE	2	4	3	30	17S	34E	630986	3630111*	232	168	64
L 01697	R	L	LE	4	4	2	30	17S	34E	631778	3630729*	252	138	114
L 01697 POD2		L	LE	4	4	3	30	17S	34E	630986	3629911*	240	140	100
L 04734		L	LE		3	3	31	17S	34E	630555	3628397*	186	135	51
L 11232		L	LE	2	3	4	31	17S	34E	631413	3628508*	235	140	95

Average Depth to Water: 146 feet
Minimum Depth: 135 feet
Maximum Depth: 168 feet

Record Count: 7

PLSS Search:

Section(s): 29, 30, 31, 32 Township: 17S Range: 34E

*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.

5/5/17 2:04 PM

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	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
L 01002 POD1		L	LE	2	1	2	06	18S	34E	631419	3628107*	158		
L 04898		L	LE		4	3	06	18S	34E	630937	3626796*	185	150	35
L 05063		L	LE	1	2	2	06	18S	34E	631621	3628114*	170	110	60
L 06997		L	LE		1	3	06	18S	34E	630571	3627192*	225	140	85
L 07018		L	LE				05	18S	34E	632746	3627417*	236	105	131

Average Depth to Water: 126 feet

Minimum Depth: 105 feet

Maximum Depth: 150 feet

Record Count: 5

PLSS Search:

Section(s): 5, 6

Township: 18S

Range: 34E

*UTM location was derived from PLSS - see Help

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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): 1 Township: 18S Range: 33E

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	POD Sub-basin	County	Q 6	Q 4	Q 2	Sec 25	Tws 17S	Rng 33E	X	Y	DepthWell	DepthWater	Water Column
L 01695	R	L	ED	4	4	2	25	17S	33E	630220	3630704*	230	137	93
L 02687		L	LE	2	2	36	17S	33E	630137	3629598*				

Average Depth to Water: 137 feet
 Minimum Depth: 137 feet
 Maximum Depth: 137 feet

Record Count: 2

PLSS Search:

Section(s): 25, 36 Township: 17S 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.

5/5/17 2:04 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Appendix IV

FINAL C-141

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

District I
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811 S. First St., Artesia, NM 88210
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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: Aaron Hickert
Address: 2130 W Bender, Hobbs, NM 88240	Telephone No. 575-738-1739
Facility Name: Phillips Lea North & South Battery (Phillips Lea #002)	Facility Type: Battery

Surface Owner: State	Mineral Owner:	API No. 30-025-02163
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from	East/West Line	County
G	31	17S	34E	2310	North	1650	East	Lea

Latitude: 32.7921903270047 Longitude: -103.596789576576

NATURE OF RELEASE

Type of Release: Produced Water / Oil	Volume of Release: 20 bbls / 10 bbls	Volume Recovered: 20 bbls / 10 bbls
Source of Release: Tank / Sensor Alarm Failure	Date and Hour of Occurrence 12/30/2015	Date and Hour of Discovery 12/30/2015 9:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
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.*

The water tank at the central battery for the Phillips Lea alarm stuck on TankLogix and did not send an alarm. Spill was contained within dike with plastic liner.

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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: 05/08/2017 Phone: 432-363-9496			

* Attach Additional Sheets If Necessary