



October 29, 2014

Dr. Thomas Oberding
NMOCD District 2
1625 N. French Dr.
Hobbs, NM 88240

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

ARTESIA
408 West Texas Ave.
Artesia, New Mexico 88210
Phone 575.746.8768
Fax 575.746.8905

HOBBS
318 East Taylor Street
Hobbs, New Mexico 88240
Phone 575.393.4261
Fax 575.393.4658

MIDLAND
2901 State Hwy 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

OKLAHOMA CITY
7700 North Hudson Avenue
Suite 10
Oklahoma City, Oklahoma 73116
Phone 405.486.7030
Fax 806.467.0622

SAN ANTONIO
13111 Lookout Way
San Antonio, Texas 78233
Phone 210.265.8025
Fax 210.568.2191

Subject: **Remediation and Closure Report**
Devon Energy Corporation
Penny Packer 17 State #001H
30-025-40681 **1RP-3310**

Dear Dr. Oberding,

Devon Energy Corporation (Devon) had contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

Background Information

The Penny Packer 17 State #001H is located approximately thirty-five miles southwest of Hobbs, New Mexico. The legal location for this site is Unit Letter O, Section 17, Township 21 South, and Range 34 East. In Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.472487 North and -103.489835 West. A site plan is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of the Kimbrough gravelly loam with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, The local surface and shallow geology is comprised of Holocene to middle Pleistocene eolian deposits. Drainage courses in this area are normally dry. Groundwater in the project vicinity is approximately 120-feet below ground surface (bgs) according to the New Mexico Office of the State Engineer. See [Appendix II](#) for the referenced groundwater data.

The ranking for this site is **0** based on the following:

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

On June 18, 2014 the lease operator discovered that the housing on the LACT unit pump cracked resulting in a 20 barrel release. A vacuum truck was immediately called to the location; it recovered 15 barrels of oil from the lined metal containment of the LACT and 2.5 barrels off the ground. The area affected was on the location around the LACT unit with a flow path south from the facility which measured approximately 88-feet long by 4 to 20 feet wide. A site plan is attached in [Appendix I](#) for sample locations.

See Table 1 for the initial lab results taken for the generation of the approved work plan. Please note the highlighted areas showing that the soil testing results at the depth of 2-feet deep are under the Recommendable Remedial Action Levels' (RRAL's).

Laboratory Results

Table 1

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0	847	2920	14100	88600
S-1	1	855	928	10800	29600
S-1	2	ND	64	10.3	191
S-1	3.5	ND	48	10.2	217
S-2	0	393	400	3440	26200
S-2	1	413	1340	4010	16500
S-2	2	47.6	528	525	3180
S-2	3.5	28	160	312	2450
S-3	0	148	432	2040	36500
S-3	1	287	1360	2810	16000
S-3	2	0.82	48	10.2	74.5
S-3	4	ND	16	ND	ND

(ND) Analyte Not Detected

Based upon the site ranking of 0, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene and 5,000 mg/kg for TPH, The standard for chlorides is considered to be 1,000 mg/kg for ground water deeper than 100-feet below ground surface.

Remedial Actions Taken

All impacted areas were excavated to a depth of 2-feet deep in accordance with NMOCD's approved work plan (see approval in [Appendix II](#)). The contaminated soil was transported to Lea Land, LLC for disposal, which is an approved NMOCD facility.

The excavated area was backfilled with new caliche transported from Lea Land, LLC (see attached statement regarding Lea Land's backfill in [Appendix III](#)).

The area was machine compacted and contoured to match the surrounding location.

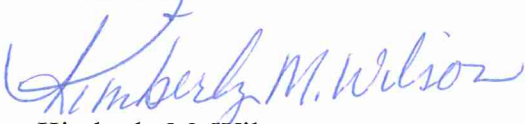
Closure

On behalf of Devon Energy, we respectfully request that no further actions be required and that closure with respect to this release be granted.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE



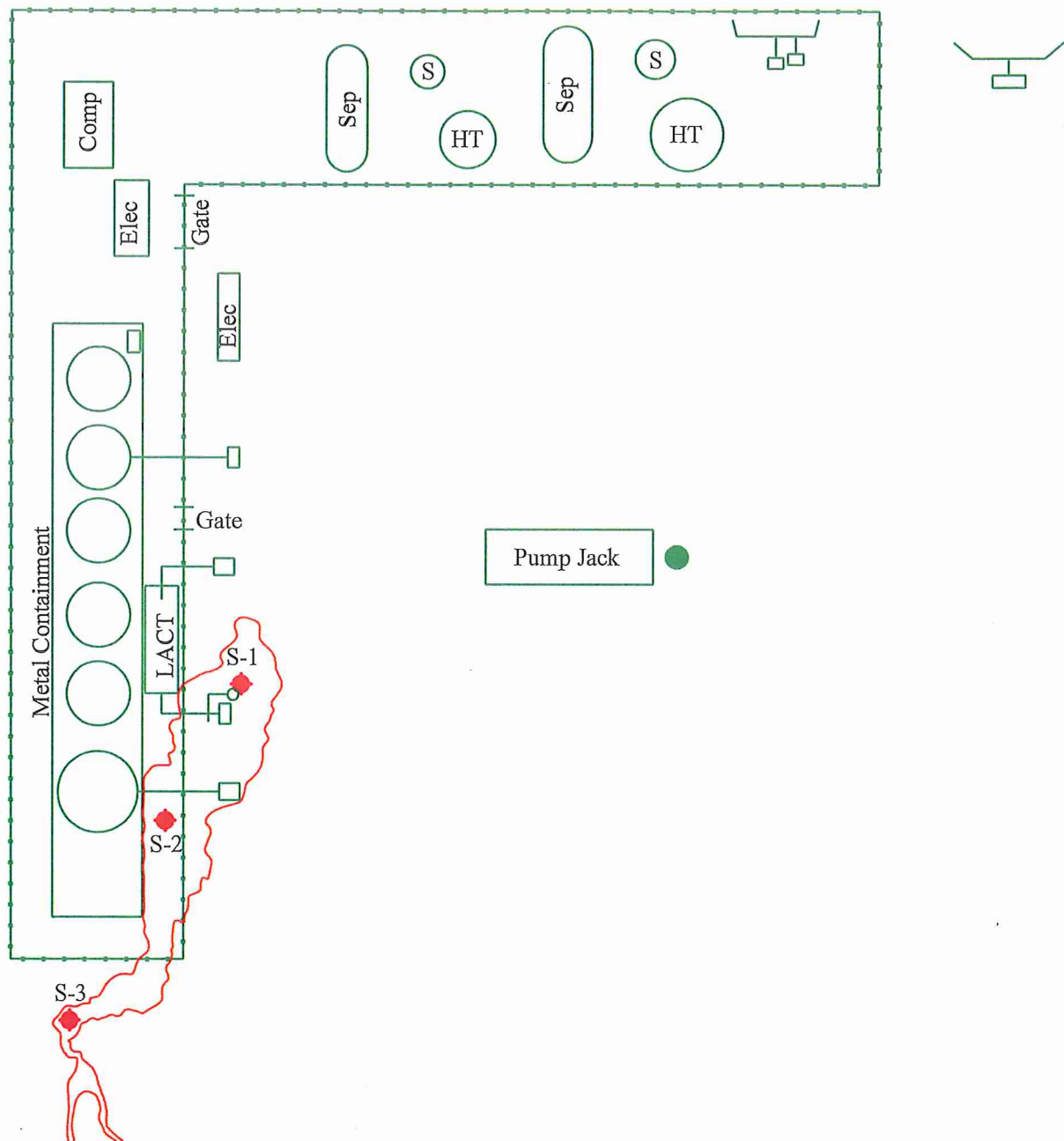
Kimberly M. Wilson
Project Manager



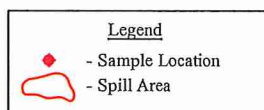
David J. Adkins
District Manager

APPENDIX I

SITE MAP



0 30 60
Scale in Feet



Date: 07/22/2014

Scale: 1" = 60'

Drawn By: TJS

Penny Packer 17 State #1
 Devon Energy Corporation
 Lea County, New Mexico
 Figure 1 - Site Plan

APPENDIX II
GROUNDWATER DATA
NMOCD APPROVAL



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	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00498			LE	2	4	08	21S	34E		642287	3595932*	2114	145	120	25
CP 01091 POD1			LE	3	3	2	28	21S	34E	643447	3591434	2684	200	140	60
CP 01067 POD1			LE	1	3	4	28	21S	34E	643448	3591342	2766	210	140	70
CP 01066 POD1			LE	4	3	2	28	21S	34E	643735	3591345	2903	210	140	70

Average Depth to Water: **135 feet**

Minimum Depth: **120 feet**

Maximum Depth: **140 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 642215

Northing (Y): 3593819

Radius: 3000

*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.

Kimberly M. Wilson

From: Oberding, Tomas, EMNRD [Tomas.Oberding@state.nm.us]
Sent: Thursday, September 04, 2014 11:35 AM
To: Kimberly M. Wilson
Cc: Kidd, Kenny; matt.nettles@dvni.com; Biagi, Chris; David Adkins
Subject: RE: PennyPacker 17 State #1H DOR 6/18/2014

Aloha Ms. Wilson et al,

Thank you for sending in this scope of work for this release.
Please consider this the notice of receipt.

Based on site samples, OCD approves the remediation as outlined in this plan.

Please keep me updated as the situation warrants.
If you have any questions please don't hesitate to ask.
Mahalo
-Doc

Tomáš 'Doc' Oberding, PhD
Environmental Specialist – New Mexico Oil Conservation Division
Energy, Minerals and Natural Resources Department
1625 N. French Dr.
Hobbs, NM 88240
(O): (575) 393-6161 ext 111
(C): 575-370-3180
(F): (575) 393-0720
E-Mail: tomas.oberding@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/>

From: Kimberly M. Wilson [<mailto:kwilson@talonlpe.com>]
Sent: Thursday, September 04, 2014 11:22 AM
To: Oberding, Tomas, EMNRD
Cc: Kidd, Kenny; matt.nettles@dvni.com; Biagi, Chris; David Adkins
Subject: PennyPacker 17 State #1H DOR 6/18/2014

Gentlemen,

Attached please find the work plan for the above referenced release. This release was isolated to the location only.

Thank you.

Respectfully submitted,

Kimberly M. Wilson
Project Manager
Talon/LPE
408 West Texas Avenue
Artesia, New Mexico 88210
Office: 575.746.8768
Fax: 575.746.8905
Cell: 575.602.3826

APPENDIX III
LEA LAND, LLC

LEA LAND, LLC

Purchase of Backfill Material

Lea Land's backfill material (caliche or top soil) is generated by excavation of the material from within the 640 acres owned by Lea Land, LLC. This material is native soil and, therefore, has never been treated. Backfill material is excavated as needed.


Saralyn Hall
Marketing Manager

FINAL C-141

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 Devon Energy	Contact Kenny Kidd
Address PO Box 250 Artesia, NM 88211	Telephone No. 575- 513-8545
Facility Name Penny Packer 17 State 1H	Facility Type Oil

Surface Owner: State of New Mexico	Mineral Owner: State of New Mexico	API No. 30-025-40681
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LOCATION OF RELEASE

Unit Letter O	Section 17	Township 21S	Range 34E	Feet from the 330	North/South Line SOUTH	Feet from the 1980	East/West Line East	County LEA
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Latitude: N32°28'21.06" Longitude: W103°29'23.50"

NATURE OF RELEASE

Type of Release: Oil	Volume of Release 20bbls	Volume Recovered 17.5bbls
Source of Release: Crack on housing of the lact unit pump	Date and Hour of Occurrence June 18, 2014 7:45 AM	Date and Hour of Discovery June 18, 2014 7:45 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Garry Michael-Assistant Foreman/Kenny Kidd-Foreman/Robert Handy Lease Operator/Amancio Cruz-EHS/Roy White-Sr Production Foreman/OCD-Voicemail	
By Whom? Zaul Alvarado	Date and Hour: June 18, 2014 7:45 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

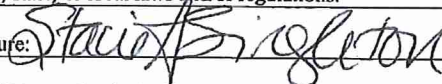
If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.***At the Penny Packer 17 State #1, the lease operator discovered that the housing on the lact unit pump cracked resulting in a 20 barrel oil release. The lease operator closed the valve to the LACT unit and notified Basic for vacuum services. 15 barrels were recovered from the metal lined containment of the LACT and 2.5 barrels were recovered from the ground. The area affected was on the location around the lact with a flow path south from the facility measured approximately 88 long by 4-20 feet wide.**

Describe Area Affected and Cleanup Action Taken.*

Talon/LPE was contracted to complete remediation activities. All impacted areas were excavated to a depth of 2-feet deep in accordance with NMOCD's approved work plan. The contaminated soil was transported to Lea Land, LLC for disposal, which is an approved NMOCD facility. The excavated area was backfilled with new caliche transported from Lea Land, LLC. The area was machine compacted and contoured to match the surrounding location. The soil testing results are under the Recommended Remedial Action Levels (RRAL's). No further actions are required.

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: Stacie A. Singleton	Approved by Environmental Specialist:		
Title: Environmental Professional	Approval Date:	Expiration Date:	
E-mail Address: Stacie.Singleton@dv.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: October 29, 2014	Phone: 575-748-1844		

* Attach Additional Sheets If Necessary