



October 9, 2015

Ms. Kellie Jones
NMOCD District I
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
11 Commercial Place
Schertz, Texas 78154
Phone 210.265.8025
Fax 210.568.2191

Subject: **Remediation and Closure Report**
Complete Energy Service
Rattlesnake 13-12 Federal Com #1H
30-025-40912 * 1RP-3689

Dear Ms. Jones,

Complete Energy has 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.

Incident Date

June 13, 2015

Background Information

The Rattlesnake 13-12 Federal Com #1H is located approximately 19 miles southwest of Jal, New Mexico. The legal location for this release is Unit Letter P, Section 13, Township 26 South and Range 34 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.036958 North and -103.416218 West. A site plan is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Pyote soils and dune lands. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of alluvium and eolian sands which includes silty soils underlain by dense caliche layers. Drainage courses in this area are normally dry. Ground water in the project vicinity is greater than 100' according to the Chevron Texaco Water Trend map. No groundwater data is provided by the New Mexico Office of the State Engineers office. See [Appendix I](#).

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

ENVIRONMENTAL CONSULTING	Depth to ground water	>100'
ENGINEERING	Wellhead Protection Area	>1000'
DRILLING	Distance to surface water body	>1000'
CONSTRUCTION		
SPILL MANAGEMENT		
GENERAL CONTRACTING		

Incident Description

On June 13, 2015 a 10-inch layflat hose developed a leak resulting in a release of approximately 18 barrels of produced water. A vac truck was immediately called to the location and recovered 17 barrels.

Sampling Activities Taken

On June 17, 2015 Talon mobilized personnel to begin the site assessment and soil sampling activities for the construction of a work plan. Grab soil samples were collected utilizing a hand auger to a depth of 4-feet below ground surface. Laboratory results from the soil sampling event are summarized in the table below. See Table 1.

Per BLM stipulations full vertical delineation of chlorides was required before approval to backfill was obtained. Laboratory results from the additional soil sampling event are summarized in the table below. See Table 2.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The chloride samples were analyzed per Method SM4500Cl-B.

Laboratory Results

See Appendix III for complete report of laboratory results.

June 25, 2015

Table 1

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0'	--	4480	--	--
	1'	--	4480	--	--
	2'	--	5440	--	--
	3'	--	5600	--	--
	4'	--	5280	--	--
S-2	0'	--	528	--	--
	1'	--	208	--	--
	2'	--	<16	--	--
	3'	--	<16	--	--
	4'	--	<16	--	--
S-3	0'	--	1960	--	--
	1'	--	4880	--	--
	2'	--	5200	--	--
	3'	--	5760	--	--
	4'	--	6000	--	--
BG	0'	--	<16	--	--

--Analyte Not Tested

August 24, 2015

Table 2

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	8'	--	<16	--	--
	9'	--	<16	--	--
	10'	--	<16	--	--
S-3	8'	--	<16	--	--
	9'	--	<16	--	--
	10'	--	<16	--	--

--Analyte Not Tested

The chloride standard is considered to be 1,000 mg/kg.

Remedial Actions Taken

- The impacted area between sample location S-1 and S-3 was excavated to a depth of 4-feet deep and a 20 mil liner was installed in the bottom of the excavation.
- All of the excavated material was hauled to Lea Land, LLC.
- The excavated areas were backfilled with new sand, re-contoured to match the surrounding area and seeded with the recommended BLM seed mixture for the area.

Closure

On behalf of Complete Energy we respectfully request that no further actions be required and that closure with respect to this release be granted. A Final C-141 is also attached. See Appendix IV.

Should you have any questions or if further information is required, please do not hesitate to contact our office at (575)-746-8768.

Respectfully submitted,

TALON/LPE



Kimberly M. Wilson
Project Manager



David J. Adkins
District Manager

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 Production Co LP (6137)	Contact: Brian Kuh
Address: PO Box 250 Artesia, NM 88211	Telephone No. 575- 616-1540
Facility Name: Rattlesnake 13-12 Fed Com 1H	Facility Type : 0.1 miles south of location

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-025-40912
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LOCATION OF RELEASE

Unit Letter P	Section 13	Township 26S	Range 34E	Feet from the 330	North/South Line South	Feet from the 330	East/West Line East	County Lea
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Latitude: **32.036958** Longitude: **103.416218**

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 25 bbls	Volume Recovered: 17 bbls
Source of Release: Lay Flat Water Transfer Line	Date and Hour of Occurrence 6/13/15, 3:00 PM	Date and Hour of Discovery 6/13/15, 3:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD-Mike Bratcher BLM-Jim Amos	
By Whom? Brian Kuh, Devon Foreman	Date and Hour: 6/13/2015, 4:00 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*

N/A


Describe Cause of Problem and Remedial Action Taken.*

Two punctures in the treated water transfer line approximately one foot apart caused the leak. Immediately, the crew pinched the line and utilized absorption pads, a vacuum truck, preventive flow devices, and a tele-handler wheel path to contain the spill and recover all but 1 barrel.

Describe Area Affected and Cleanup Action Taken.*

3.5 feet x 20 feet off location and not contained. Talon will take soil samples and prepare a remediation 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: 	OIL CONSERVATION DIVISION		
Printed Name: Denise Menoud	Approved by Environmental Specialist:		
Title: Field Admin Support	Approval Date:	Expiration Date:	
E-mail Address: Denise.Menoud@dvn.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 6/16/2015 Phone: 575-746-5544			

* Attach Additional Sheets If Necessary

13-26S-34E
SESE

18-26S-35E
Lot 4
40.9 ac

24-26S-34E
NENE

19-26S-35E
Lot 1
40.93 ac

24-26S-34E
SENE

19-26S-35E
Lot 2
40.95 ac

Devon GIS Mapping



Disclaimer: This plat is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one.

Scale: 1:4,514

Date Printed: 6/18/2015 12:06:27 PM

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1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Denise Menoud	Approved by Environmental Specialist:		
Title: Field Admin Support	Approval Date:	Expiration Date:	
E-mail Address: Denise.Menoud@dvn.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 1/11/2015	Phone: 575-746-5544		

* Attach Additional Sheets If Necessary