



February 4, 2016

Ms. Kellie Jones
NMOCD District 1
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 Avenue
Artesia, New Mexico 88210
Phone 575.746.8768

FORT COLLINS
1811 East Mulberry Street
Fort Collins, Colorado
Phone 970.818.5330

MIDLAND
2301 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

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

WOODWARD
1211 34th Street
Suite 13
Woodward, Oklahoma 73801
Phone 580.377.1194

Subject: **Remediation and Closure Report**
Devon Energy Production Company, LP
Playa 2 State #1H
API # 30-025-40405 (1RP-3587)

Dear Ms. Jones,

Devon Energy Corporation (Devon) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, remediation activities and closure request are submitted herein.

Incident Date

March 25, 2015

Background Information

The Devon Playa 2 State #1H is located approximately twenty-four (24) miles west of Hobbs, New Mexico. The legal location for this site is Unit Letter N, Section 2, Township 19 South and Range 34 East in Lea County, New Mexico. More specifically the latitude and longitude for this release are 32.68304155 North and -103.53247699 West. See site plan 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 Tonuco fine sand. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is comprised of the Ogallala Formation. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 123-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

A 3-inch valve failed causing a release of approximately 18bbbls of oil. The oil flowed from the release point and south into the pasture for approximately 47-feet where it pooled. A vacuum truck was immediately dispatched to the location to recover the standing fluids. Approximately 15bbbls were recovered.

Remedial Actions Taken

Following site assessment activities and a work plan approved by NMOCD, Talon mobilized personnel to perform remediation activities. The impacted areas were excavated, placed on plastic and was treated with mircoblaze. A confirmation sample was collected by taking a 5-point composite from the stockpiled material to verify effectiveness of treatment.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, and volatile organics (BTEX) using EPA Method 8021B.

Laboratory Results, See [Appendix III](#) for complete report of laboratory results.

October 7, 2015 confirmation sample

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
CS		<0.300	--	<10	1160

--Analyte Not Tested

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

Upon NMOCD granting permission to backfill, the excavated area was backfilled with caliche and recontoured 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. 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

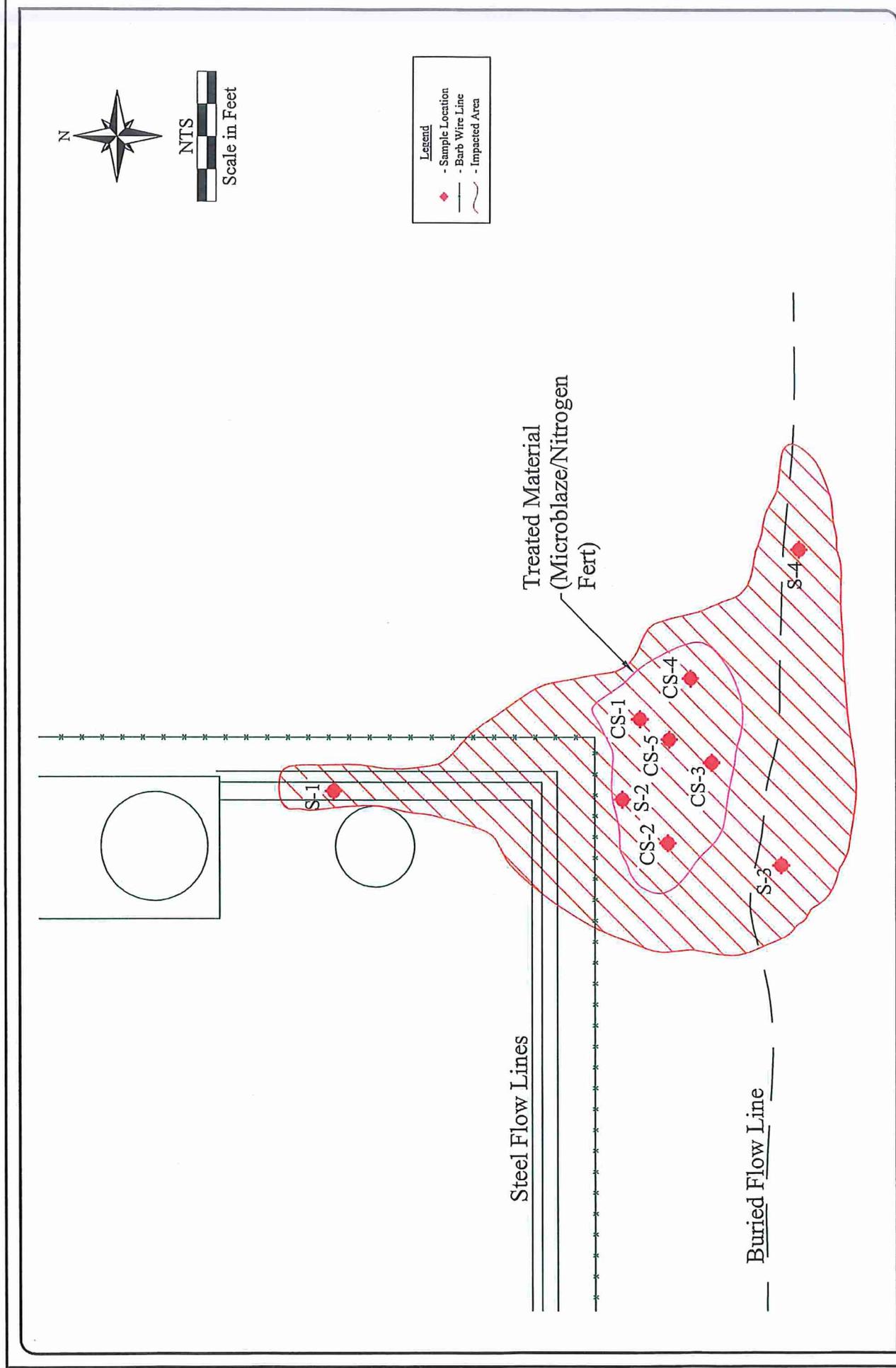


Kimberly Wilson
Project Manager



David J. Adkins
District Manager

APPENDIX I
SITE MAP



Playa 2 State #1
 Devon Energy Corporation
 Lea County, New Mexico
 Figure 2 - Site Plan

Date: 11/11/2015
 Scale: NTS
 Drawn By: TJS



APPENDIX II
GROUNDWATER DATA



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
L 04723	L	LE		1	1	1	11	19S	34E	637026	3616880*	280	145	123	22
L 12103 POD1	L	LE		4	3	4	02	19S	34E	637920	3617167	705	120		
L 10380	L	LE		4	4	4	02	19S	34E	638428	3617102*	1208	153	100	53
L 10347	L	LE			2	3	03	19S	34E	635909	3617566*	1397	130		

Average Depth to Water: 111 feet
 Minimum Depth: 100 feet
 Maximum Depth: 123 feet

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 637220

Northing (Y): 3617082

Radius: 1500

*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.

APPENDIX III
LABORATORY RESULTS



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

October 07, 2015

KIMBERLY WILSON
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: PLAYA 2 STATE #1 H

Enclosed are the results of analyses for samples received by the laboratory on 10/06/15 9:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

- Method EPA 552.2 Haloacetic Acids (HAA-5)
- Method EPA 524.2 Total Trihalomethanes (TTHM)
- Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
KIMBERLY WILSON
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 10/06/2015 Sampling Date: 10/05/2015
Reported: 10/07/2015 Sampling Type: Soil
Project Name: PLAYA 2 STATE #1 H Sampling Condition: Cool & Intact
Project Number: 700794.150.01 Sample Received By: Judy Garcia
Project Location: 30-025-40405

Sample ID: GS 1-0 (H502635-01)

Table with columns: Analyte, Result, Reporting Limit, Analyzed, Method Blank, BS, % Recovery, True Value QC, RPD, Qualifier. Rows include Benzene*, Toluene*, Ethylbenzene*, Total Xylenes*, and Total BTEX.

Surrogate: 4-Bromofluorobenzene (PID) 111 % 85.6-137

Table with columns: Analyte, Result, Reporting Limit, Analyzed, Method Blank, BS, % Recovery, True Value QC, RPD, Qualifier. Rows include GRO C6-C10 and DRO >C10-C28.

Surrogate: 1-Chlorooctane 91.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses.

Celey D. Keene (signature)

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality 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 Production	Contact Kenny Kidd
Address 6488 Seven Rivers Hwy Artesia, NM 88220	Telephone No. 575-513-8545
Facility Name Playa 2 State 1H	Facility Type Oil
Surface Owner State	Mineral Owner State
API No. 30-025-40405	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	2	19S	34E	330	South	2190	West	Lea

Latitude: N 32°68'29.94"

Longitude: W 103°53'32.46"

NATURE OF RELEASE

Type of Release Oil	Volume of Release 18bbbls	Volume Recovered 15bbbls
Source of Release Balon valve came apart	Date and Hour of Occurrence March 25, 2015 11:10 AM	Date and Hour of Discovery March 25, 2015 11:10 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD Thomas Oberding	
By Whom? Ruben Garcia	Date and Hour March 25, 2015 1:15 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.*
There was 3" valve that had come apart. Paul and Ruben visually inspected all PRVs on all the vessels from the ground and all valves appeared to be opened. Paul and Ruben then looked for any wear or cracks on this valve and it was intact besides the threads where the valve is put together, they were flattened in several places. The other thing Paul and Ruben looked for was sufficient support holding up the inlet and outlet lines going into and out from the ULPS to the flow line heading to the tanks and determined that there was no support supporting the 11 foot of 3" lines going into and out of the ULPS but could not say for sure if this was the actual cause. 18 bbl of oil spilled out and 15 of those were recovered by Legendary Truck.

Describe Area Affected and Cleanup Action Taken.*
The 18bbl oil spill was on the right side of the location and 3 bbl of oil went off the pad into the pasture to the south east side of pad.

Impacted areas were excavated, placed on plastic and was treated with microblaze. All soil samples we collected and sent to Cardinal Laboratories for analysis. The excavated area was then backfilled with caliche and recontoured to match the surrounding location.

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: <i>Corina Moya</i>	OIL CONSERVATION DIVISION	
Printed Name: Corina Moya	Approved by Environmental Specialist: <i>Bradford Billings</i>	
Title: Field Admin Support	Approval Date: 09/15/2021	Expiration Date:
E-mail Address: corina.moya@dvn.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 2.16.2016 Phone: 575.746.5559		

* Attach Additional Sheets If Necessary

nTO1508931669

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 1625 N. French Dr., Hobbs, NM 88240
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 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS
 Action 4911

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 4911
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	9/15/2021