



August 28, 2014

Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
Artesia, NM 88210

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 575.748.8905

HOBBS
318 East Taylor Street
Hobbs, New Mexico 88241
Phone 505.393.4261
Fax 505.393.4658

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

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

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

Subject: **Remediation and Closure Report**
Devon Energy
Cotton Draw Unit No. 114
API # 30-015-37410
2RP-962 & 2RP-2076

Dear Mr. Bratcher,

Devon Energy had contracted Talon/LPE (Talon) to perform soil assessment and remediation services for the Cotton Draw Unit No. 114 release. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

Incident Date

November 11, 2011 & November 16, 2013

Background Information

The Cotton Draw Unit No. 114 is located approximately forty-eight (48) miles southeast of Carlsbad, New Mexico. The legal location for the site is Section 34, Township 24 South and Range 31 East in Eddy County, New Mexico. More specifically, the Latitude and Longitude for the release are 32.1801170 North and -103.763554 West.

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 Berino complex with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Quaternary in age and is comprised of eolian sands and piedmont deposits which include silty soils underlain with sandy clay loam and hard caliche. Drainage courses in this area are normally dry. According to the Texaco/Chevron Eddy County Water Trend Data Map (2005), the depth to groundwater is approximately 450-feet deep.

The ranking for this site is 0 based on the as 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 gasket ruptured on the fire tube of the heater treater causing a release of 60 barrels oil. Vacuum trucks were immediately called to the location to pick up the standing oil recovering 50 barrels of fluids. The heater treater was repaired. The area affected from this release was under the separators, heater treaters and pipelines, as shown on the attached site plan in [Appendix I](#).

Actions Taken

On January 27, 2014 Talon mobilized personnel to begin the site assessment and soil sampling for the construction of a work plan. Grab soil samples were collected utilizing a hand auger to a depth of 3-feet below ground surface around the separators and heater treaters. Soil sample locations are illustrated on the attached site plan.

Remedial Actions Taken

The impacted areas in the vicinity of sample locations S-1 and S-2, under the separators, heater treaters, were hand-excavated to the best extent as reasonable, feasible and as safely as possible. The current and historical areas were then treated with mircoblaze as a bioremediation agent.

The impacted area in the vicinity of sample location S-3 was excavated to a depth of 1.5-feet deep. A confirmation sample was taken and the results were within the RRAL's (see below). The impacted soil was transported to Lea Land, LLC. The excavated area at S-3 was backfilled using new material from a local borrow pit and re-contoured to match the surrounding location.

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. The chloride samples were analyzed per method SM4500Cl-B.

Laboratory Results

See Appendix III for complete report of laboratory results.

May 27, 2014 Confirmation Sample

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-3	1.5'	--	80	--	--

--Analyte Not Tested

July 7, 2014 Post – Mircoblaze Sampling Event

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0'	<0.300	--	<10	<10
	1'	<0.300	--	<10	<10
S-2	0'	10.1	--	166	2930
	1'	<0.300	--	<10	24

For this site's ranking, New Mexico Oil Conservation District action level criterion for BTEX is 50 mg/kg, Benzene is 10 mg/kg and TPH is 5000 mg/kg.

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

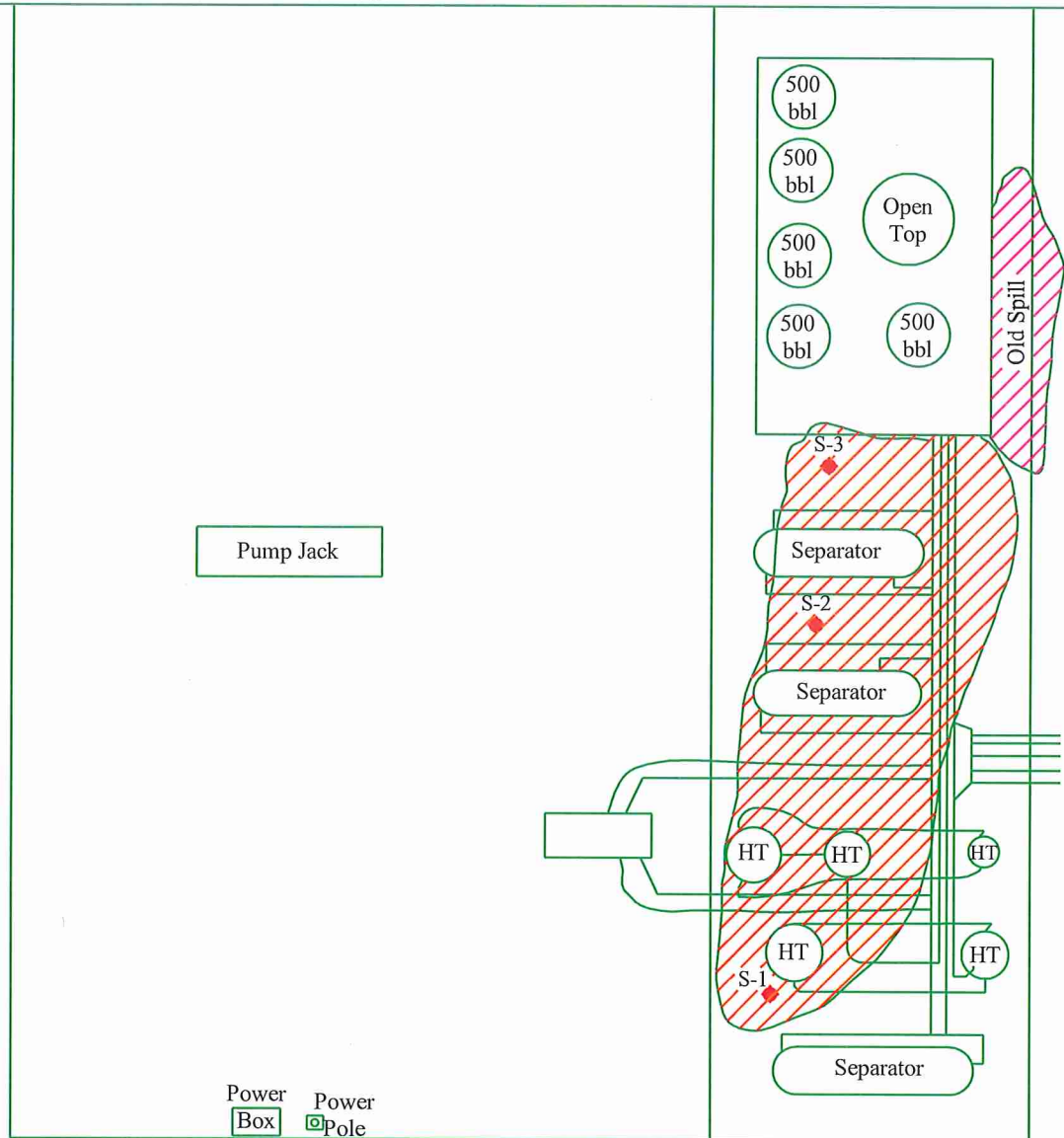


David J. Adkins
District Manager

APPENDIX I

SITE MAP

Lease Road



BG
◆



NTS



Scale in Feet

Legend

- ◆ - Sample Location
- ▨ - New Spill Area
- ▨ - Old Spill Area



Date: 02/04/2014

Scale: NTS

Drawn By: TJS

Cotton Draw 114
Devon Energy Corporation
Eddy County, New Mexico
Figure 1 - Site Plan

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
C 02574			ED	1	1	2	02	25S	31E	618092	3559494*	1994			
C 02571			ED	4	1	2	02	25S	31E	618292	3559294*	2275	860		
C 02572			ED	4	2	2	02	25S	31E	618695	3559294*	2546	852		
C 02573			ED	1	4	2	02	25S	31E	618499	3559091*	2563			
C 02569			ED	4	4	2	02	25S	31E	618699	3558891*	2845	1016		
C 02568			ED	4	3	1	01	25S	31E	619103	3558892*	3119	1025		
C 02570			ED	4	2	4	02	25S	31E	618704	3558489*	3166	895		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 616872

Northing (Y): 3561072

Radius: 5000

*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

May 27, 2014

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: COTTON DRAW

Enclosed are the results of analyses for samples received by the laboratory on 05/19/14 16:00.

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/qa/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

Analytical Results For:

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

Received: 05/19/2014
Reported: 05/27/2014
Project Name: COTTON DRAW
Project Number: 700794.104.01
Project Location: EDDY COUNTY, NM

Sampling Date: 05/14/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-3 1.5 (H401529-01)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/23/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

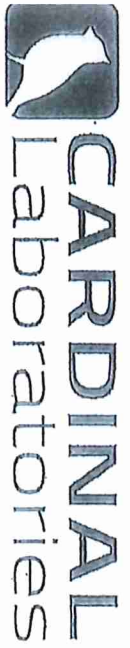
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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name: Talon/LPE		P.O. #		ANALYSIS REQUEST																																							
Project Manager: K. Wilson		Company: Talon/LPE																																									
Address: 408 W. Texas Ave.		Attn:																																									
City: Artesia		State: NM Zip: 88210																																									
Phone #: 575-746-8768		Fax #: 575-746-8905		Address:																																							
Project #: 700744.16461		Project Owner: Devon		City:																																							
Project Name: Cotton Dew		State:		Zip:																																							
Project Location: Edley Rd		Phone #:																																									
Sampler Name: K.W.		Fax #:																																									
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER: Recovery		DATE		TIME															
H40529		15-3 1.5-		/		/		/		/		/		/		/		/		/		/		/		/		/		/		Total Chlorides											
Relinquished By:		Date: 5/19/14		Time: 1:00		Received By: K. Wilson		Date: 5/19/14		Time: 1:00		Sample Condition: Cool Intact		Checked By: (initials)																													
Delivered By: (Circle One)		5.38		No		Yes		No		Yes		No		Yes																													
Sampler - UPS - Bus - Other:		5.38		No		Yes		No		Yes		No		Yes																													
REMARKS:		Phone Result:		Yes		No		Add'l Phone #:		Fax Result:		Yes		No		Add'l Fax #:																											



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

July 07, 2014

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: COTTON DRAW UNIT #114

Enclosed are the results of analyses for samples received by the laboratory on 07/01/14 15:40.

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/qa/lab_accred_certif.html.

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

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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

Analytical Results For:

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

Received:	07/01/2014	Sampling Date:	06/30/2014
Reported:	07/07/2014	Sampling Type:	Soil
Project Name:	COTTON DRAW UNIT #114	Sampling Condition:	Cool & Intact
Project Number:	700794.092.01	Sample Received By:	Jodi Henson
Project Location:	B-34-24-31		

Sample ID: S-1 O' (H402003-01)

BTEX 8260B			mg/kg Analyzed By: ms/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2014	ND	2.18	109	2.00	9.71	
Toluene*	<0.050	0.050	07/07/2014	ND	1.84	92.2	2.00	9.99	
Ethylbenzene*	<0.050	0.050	07/07/2014	ND	1.75	87.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	07/07/2014	ND	5.43	90.6	6.00	11.5	
Total BTEX	<0.300	0.300	07/07/2014	ND					

Surrogate: Dibromofluoromethane 101 % 61.3-142

Surrogate: Toluene-d8 100 % 71.3-129

Surrogate: 4-Bromofluorobenzene 84.5 % 65.7-141

TPH 8015M			mg/kg Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/03/2014	ND	184	91.8	200	0.423	
DRO >C10-C28	<10.0	10.0	07/03/2014	ND	195	97.5	200	0.786	

Surrogate: 1-Chlorooctane 118 % 65.2-140

Surrogate: 1-Chlorooctadecane 121 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	07/01/2014	Sampling Date:	06/30/2014
Reported:	07/07/2014	Sampling Type:	Soil
Project Name:	COTTON DRAW UNIT #114	Sampling Condition:	Cool & Intact
Project Number:	700794.092.01	Sample Received By:	Jodi Henson
Project Location:	B-34-24-31		

Sample ID: S-1 1' (H402003-02)

BTX 8260B		mg/kg	Analyzed By: ms/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2014	ND	2.18	109	2.00	9.71	
Toluene*	<0.050	0.050	07/07/2014	ND	1.84	92.2	2.00	9.99	
Ethylbenzene*	<0.050	0.050	07/07/2014	ND	1.75	87.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	07/07/2014	ND	5.43	90.6	6.00	11.5	
Total BTX	<0.300	0.300	07/07/2014	ND					

Surrogate: Dibromofluoromethane 101 % 61.3-142

Surrogate: Toluene-d8 105 % 71.3-129

Surrogate: 4-Bromofluorobenzene 96.0 % 65.7-141

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/03/2014	ND	184	91.8	200	0.423	
DRO >C10-C28	<10.0	10.0	07/03/2014	ND	195	97.5	200	0.786	

Surrogate: 1-Chlorooctane 111 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

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ARTESIA NM, 88210
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Received:	07/01/2014	Sampling Date:	06/30/2014
Reported:	07/07/2014	Sampling Type:	Soil
Project Name:	COTTON DRAW UNIT #114	Sampling Condition:	Cool & Intact
Project Number:	700794.092.01	Sample Received By:	Jodi Henson
Project Location:	B-34-24-31		

Sample ID: S-2 O' (H402003-03)

BTX 8260B		mg/kg		Analyzed By: ms/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2014	ND	2.18	109	2.00	9.71	
Toluene*	0.610	0.050	07/07/2014	ND	1.84	92.2	2.00	9.99	
Ethylbenzene*	0.726	0.050	07/07/2014	ND	1.75	87.3	2.00	10.4	
Total Xylenes*	8.81	0.150	07/07/2014	ND	5.43	90.6	6.00	11.5	
Total BTX	10.1	0.300	07/07/2014	ND					

Surrogate: Dibromofluoromethane 101 % 61.3-142

Surrogate: Toluene-d8 102 % 71.3-129

Surrogate: 4-Bromofluorobenzene 179 % 65.7-141

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	166	10.0	07/03/2014	ND	184	91.8	200	0.423	
DRO >C10-C28	2930	10.0	07/03/2014	ND	195	97.5	200	0.786	

Surrogate: 1-Chlorooctane 134 % 65.2-140

Surrogate: 1-Chlorooctadecane 162 % 63.6-154

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Received:	07/01/2014	Sampling Date:	06/30/2014
Reported:	07/07/2014	Sampling Type:	Soil
Project Name:	COTTON DRAW UNIT #114	Sampling Condition:	Cool & Intact
Project Number:	700794.092.01	Sample Received By:	Jodi Henson
Project Location:	B-34-24-31		

Sample ID: S-2 1' (H402003-04)

BTX 8260B		mg/kg	Analyzed By: ms/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2014	ND	2.18	109	2.00	9.71	
Toluene*	<0.050	0.050	07/07/2014	ND	1.84	92.2	2.00	9.99	
Ethylbenzene*	<0.050	0.050	07/07/2014	ND	1.75	87.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	07/07/2014	ND	5.43	90.6	6.00	11.5	
Total BTX	<0.300	0.300	07/07/2014	ND					

Surrogate: Dibromofluoromethane 98.9 % 61.3-142

Surrogate: Toluene-d8 102 % 71.3-129

Surrogate: 4-Bromofluorobenzene 109 % 65.7-141

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/03/2014	ND	184	91.8	200	0.423	
DRO >C10-C28	24.0	10.0	07/03/2014	ND	195	97.5	200	0.786	

Surrogate: 1-Chlorooctane 118 % 65.2-140

Surrogate: 1-Chlorooctadecane 126 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

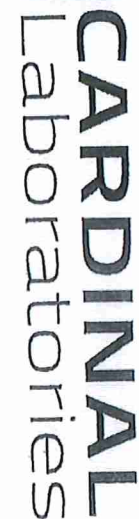
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILLET

ANALYSIS REQUEST

Company Name: Talon/LE

Project Manager: Kim Wilson

Address: 408 W. Texas Ave.

City: Artesia **State:** NM **Zip:** 88210

Phone #: 575-746-8768 **Fax #:** 575-746-8905

Project #: 700744, 091, 01 **Project Owner:** DEUOJ

Project Name: Cotton Draw 114

Project Location:

Sampler Name: Ben Swift

FOR LAB USE ONLY

P.O. #:

Company: Talon/LE

Attn:

Address:

City:

State: **Zip:**

Phone #:

Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BETG	+PH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				
HY02023	5-1 0	✓									10/35			
	5-1 1	✓									10/35			
	5-2 0	✓									10/35			
	5-2 1	✓									11/16			

Relinquished By: [Signature]

Time: 7:30 **Date:** 11/14

Received By: Sheldon Wilcox

Time: 7:40 **Date:** 11/14

Delivered By: (Circle One) **2.80**

Sampler - UPS - Bus - Other:

Sample Condition: Cool ☒ Intact ☐

CHECKED BY: [Signature]

REMARKS:

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 the client for the analysis. All claims, including those for negligence and any other causes whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 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 services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated causes or otherwise.

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**

Fax Result: ☐ Yes ☐ No **Add'l Fax #:**

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 Tracy Kidd
Address PO Box 250 Artesia, NM 88211	Telephone No. 575.513.0628
Facility Name Cotton Draw Unit 114	Facility Type Oil Well

Surface Owner Federal	Mineral Owner	API No. 30-015-37410 2RP-962
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LOCATION OF RELEASE

Unit Letter B	Section 34	Township 24S	Range 31E	Feet from the 330	North/South Line North	Feet from the 1980	East/West Line East	County Eddy
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Latitude: 32.180117040773 _____ Longitude: 103.763554613439__

NATURE OF RELEASE

Type of Release Spill Oil	Volume of Release 60bbls	Volume Recovered 50bbls
Source of Release mechanical failure blown gasket on a heater treater	Date and Hour of Occurrence 11/11/2011	Date and Hour of Discovery 11/11/2011, 9:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos BLM & Mike Bratcher NMOCD	
By Whom? Chris McCullough	Date and Hour 11/11/2011 @ 11:40 am BLM & 11:50 am OCD	
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.*

Gasket rupture on fire tube in heater treater caused oil spray. RW Trucking recovered 50bbls of oil and soil samples will be taken. Gasket was replaced on heater treater. Oil spill remained on location. RW Trucking recovered 50bbls and soil sampling will be done.

Describe Area Affected and Cleanup Action Taken.* Talon/LPE had been contracted to perform the remedial actions. The impacted areas in the vicinity of sample locations S-1 and S-2, under the separators, heater treaters, were hand-excavated to the best extent as reasonable, feasible and as safely as possible. The current and historical areas were then treated with mircoblaze as a bioremediation agent. The impacted area in the vicinity of sample location S-3 was excavated to a depth of 1.5-feet deep. A confirmation sample was taken and the results were within the RRAL's. The impacted soil was transported to Lea Land, LLC. The excavated area at S-3 was backfilled using new material from a local borrow pit and re-contoured to match the surrounding location. No further action is 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: Sandra Farley	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Sandra Farley	Approved by Environmental Specialist:		
Title: Field Admin Support	Approval Date:	Expiration Date:	
E-mail Address: Sandra.Farley@dmn.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 8/27/2014	Phone: 575.746.5587		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
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Form C-141
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Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

Name of Company Devon Energy	Contact Tracy Kidd	
Address PO Box 250 Artesia, NM 88211	Telephone No. 575.513.0628	
Facility Name Cotton Draw Unit 114	Facility Type Oil Well	
Surface Owner Federal	Mineral Owner	API No. 30-015-37410 2RP-2076

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	34	24S	31E	330	North	1980	East	Eddy

Latitude: 32.180117040773 _____ Longitude: 103.763554613439__

NATURE OF RELEASE

Type of Release Spill Oil	Volume of Release 60bbls	Volume Recovered 50bbls
Source of Release mechanical failure blown gasket on a heater treater	Date and Hour of Occurrence 11/16/2013	Date and Hour of Discovery 11/16/2013, 9:49PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Tracy Kidd- Production Foreman	
By Whom? Chris McCullough	Date and Hour 11/16/2013	
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.*

Gasket rupture on fire tube in heater treater caused oil spray. RW Trucking recovered 50bbls of oil and soil samples will be taken. Gasket was replaced on heater treater. Oil spill remained on location. RW Trucking recovered 50bbls and soil sampling will be done.

Describe Area Affected and Cleanup Action Taken.*

Talon/LPE had been contracted to perform the remedial actions. The impacted areas in the vicinity of sample locations S-1 and S-2, under the separators, heater treaters, were hand-excavated to the best extent as reasonable, feasible and as safely as possible. The current and historical areas were then treated with mircoblaze as a bioremediation agent. The impacted area in the vicinity of sample location S-3 was excavated to a depth of 1.5-feet deep. A confirmation sample was taken and the results were within the RRAL's (see below). The impacted soil was transported to Lea Land, LLC. The excavated area at S-3 was backfilled using new material from a local borrow pit and re-contoured to match the surrounding location. No further action is 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: <i>Sandra Farley</i>	OIL CONSERVATION DIVISION		
Printed Name: Sandra Farley	Approved by Environmental Specialist:		
Title: Field Admin Support	Approval Date:	Expiration Date:	
E-mail Address: Sandra.Farley@dvn.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 8/27/2014	Phone: 575.746.5587		

* Attach Additional Sheets If Necessary