



August 27, 2014

Mr. Mike Bratcher
NMOCD District 2
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Artesia, NM 88210

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ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Subject: **Remediation and Closure Report**
Devon Energy
Apache 24 Federal No. 3
API #: 30-015-33080 2RP-2200

Dear Mr. Bratcher:

Devon Energy 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.

Incident Date

February 11, 2014

Background Information

The Apache 24 Federal No. 3 is located approximately forty-three (43) miles southeast of Carlsbad in Eddy County, New Mexico. The legal location for this site is Section 24, Township 22 South, and Range 30 East. More specifically the latitude and longitude for the release point are 32.375756 North and -103.826724 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 Pajarito loamy fine sands with 0 to 3 percent slopes, eroded. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology, Quaternary in age, is comprised of eolian sands and piedmont deposits which include silty soils underlain with hard caliche. Drainage courses in this area are normally dry. According to the New Mexico State Engineer web site indicates the nearest ground water data to be in S29-T22S-R31E. The ground water in Section 29 is reported to be a depth of 413' below ground surface (bgs). 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'

Incident Description

At the Apache 24-3 battery, a produced water transfer line was punctured when it was run over by a water truck causing a release of 200 barrels of produced water. A vac truck was called and it recovered 160 barrels of fluid. The wells were shut-in and the flow line was repaired. The area affected was the west side of the road at the release point measuring approximately 10-15 feet wide by 175-feet long. The fluid flowed down lease road about 0.10 miles then flowed west into a drainage ditch measuring approximately 4-8 feet wide by 1180-feet long.

Laboratory Results

See Appendix III for complete report of laboratory results.

July 28, 2014

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	3'	--	17200	--	--
	4'	--	720	--	--
	5'	--	656	--	--
	6'	--	608	--	--
	7'	--	544	--	--
	8'	--	880	--	--
	9'	--	240	--	--
S-2	3'	--	1020	--	--
	4'	--	80	--	--
	5'	--	32	--	--
	6'	--	40	--	--

--Analyte Not Tested

August 4, 2014

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-2	3'	--	272	--	--
S-3	2'	--	112	--	--
S-4	2'	--	32	--	--

--Analyte Not Tested

August 6, 2014

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	3.5	--	272	--	--
	South wall	--	512	--	--
	West wall	--	400	--	--
	North wall	--	416	--	--
	East wall	--	432	--	--

--Analyte Not Tested

Based upon the site ranking of **0**, NMOCD Recommended Remedial Action Levels (RRAL's) are 50 mg/kg for BTEX, 10 mg for Benzene, and 5,000 mg/kg for TPH. The chloride remediation standard to be 1,000 mg/kg based upon a water table depth greater than 100-feet deep.

Remedial Action Taken

On July 22, 2014 Talon personnel mobilized to the site to begin excavation of the impacted areas in accordance with the New Mexico Oil Conservation Division (NMOCD) approved work plan with stipulation.

On July 23, 24, 2014 Talon personnel obtained deeper vertical delineation samples with a backhoe at sample location S-1. A test pit was excavated at sample location S-1. The samples were field tested for chlorides and followed up with laboratory confirmation analysis.

The impacted area in the vicinity of sample location S-2 was excavated to a depth of 3-feet deep. In the vicinity of S-3 and S-4 the impacted area was excavated to a depth of 2-feet deep. The impacted area in the vicinity of S-1 was excavated to a depth of 4-feet deep and a 20 mil liner was installed into the excavation based upon the additional lab analysis. Soil samples were collected and tested using the field titration method for chlorides for horizontal delineation purposes and followed up with laboratory confirmation analysis.

All contaminated soil was disposed of at Lea Land, LLC and new top soil was backhauled to the location.

Upon receipt of acceptable sampling results, the excavated areas were backfilled and re-contoured to match the surrounding. The area was then seeded using BLM #1 recommended seed mix. The seeding label is attached.

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



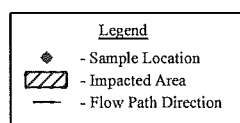
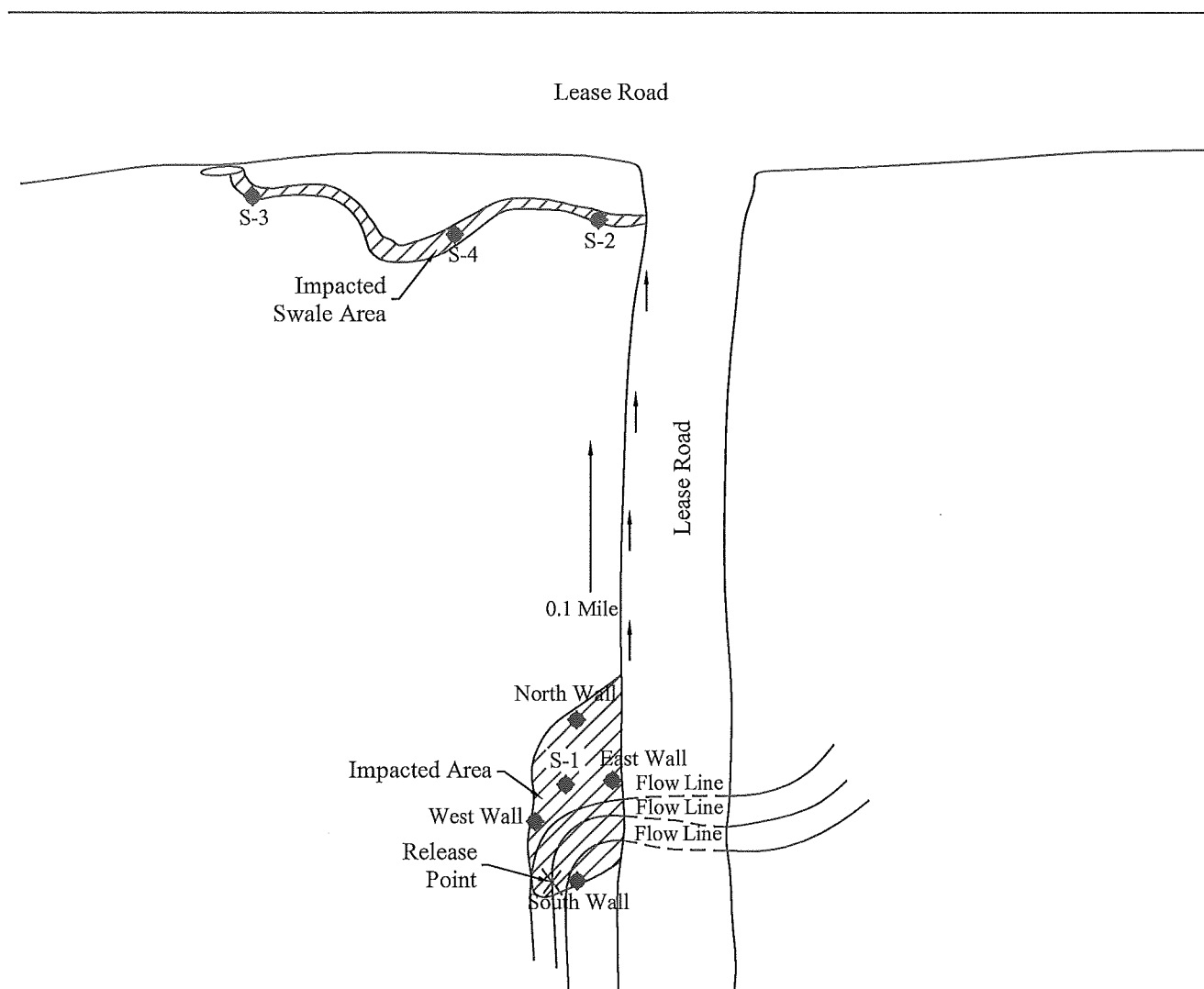
Kimberly M. Wilson
Project Manager



David J. Adkins
District Manager

APPENDIX I

SITE MAP



NTS
Scale in Feet



Date: 08/19/2014

Scale: NTS

Drawn By: TJS

Apache 24 Fed #3
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 03221 EXPLORE			ED	1	2	1	30	22S	31E	610995	3581935*	767	651		
C 02637			ED	1	3	3	24	22S	30E	608950	3582377*	1426	759		
C 02950 EXPL			ED	4	2	4	23	22S	30E	608740	3582576*	1646	845		
C 02683			ED	3	1	1	20	22S	31E	612184	3583356*	2050	840		
C 02759			ED	1	2	1	29	22S	31E	612604	3581952*	2270	795		
C 02758			ED	3	2	1	29	22S	31E	612604	3581752*	2316	661		
C 02762			ED	3	2	1	29	22S	31E	612604	3581752*	2316	672		
C 02763			ED	3	2	1	29	22S	31E	612604	3581752*	2316	660		
C 02413			ED	1	2	1	20	22S	31E	612586	3583560*	2501	737		
C 02766			ED	3	3	3	29	22S	31E	612216	3580541*	2607	589		
C 02418			ED	3	2	3	29	22S	31E	612613	3580948*	2660	617	413	204
C 02419			ED	3	2	3	29	22S	31E	612613	3580948*	2660	225		
C 02749			ED	1	1	1	18	22S	31E	610556	3585146*	2763	640		
C 02750			ED	1	1	1	18	22S	31E	610556	3585146*	2763	741		
C 02751			ED	1	1	1	18	22S	31E	610556	3585146*	2763	637		
C 02748			ED	1	2	3	17	22S	31E	612576	3584364*	2957	3856		

Average Depth to Water: 413 feet

Minimum Depth: 413 feet

Maximum Depth: 413 feet

Record Count: 16

UTMNAD83 Radius Search (in meters):

Easting (X): 610376

Northing (Y): 3582388

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.

APPENDIX III
LABORATORY RESULTS



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

August 04, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: APACHE 24 FED #3

Enclosed are the results of analyses for samples received by the laboratory on 07/30/14 14:00.

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

 Received: 07/30/2014
 Reported: 08/04/2014
 Project Name: APACHE 24 FED #3
 Project Number: 700794097.01
 Project Location: I - 24 - 22 - 30

 Sampling Date: 07/28/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 3' (H402348-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/04/2014	ND	416	104	400	3.92	

Sample ID: S-3 2' (H402348-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/04/2014	ND	416	104	400	3.92	

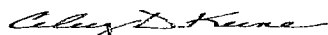
Sample ID: S-4 2' (H402348-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2014	ND	416	104	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

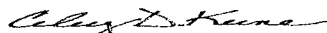
Notes and Definitions

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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*=Accredited Analyte

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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: <u>Taboulype</u>		P.O. #:		ANALYSIS REQUEST											
Project Manager: <u>K.W. Smith</u>		Company: <u>Taboulype</u>													
Address: <u>408 W Texas</u>		Address:													
City: <u>Artesia</u>		City:													
Phone #: <u>575-246-8168</u>		Attn:													
Fax #: <u>575-246-8168</u>		Address:													
Project #: <u>7001448701</u>		City:													
Project Name: <u>Apex 24 Fed #3</u>		State:													
Project Location: <u>Edley KS</u>		Zip:													
Sample Name: <u>KS</u>		Phone #:													
Fax #:															
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV	SAMPLING						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:			
4402348	S-2 3-	/	/	/	/	/	/	/	/	/	/	/	DATE TIME		
	S-3 2-	/	/	/	/	/	/	/	/	/	/	/	7/28/14		
	S-4 2-	/	/	/	/	/	/	/	/	/	/	/	7/28/14		
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Relinquished By: <u>[Signature]</u>		Date: <u>7/30/14</u>		Received By: <u>[Signature]</u>		Date: <u>7/30/14</u>		REMARKS:							
Time: <u>1:00 PM</u>		Time: <u>1:00 PM</u>		Time: <u>1:00 PM</u>		Time: <u>1:00 PM</u>									
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)											
Sampler - UPS - Bus - Other:		Cool Intact		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
4.8e		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		VP											

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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

August 06, 2014

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: APACHE 24 FED #3

Enclosed are the results of analyses for samples received by the laboratory on 08/05/14 14:03.

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: 08/05/2014
Reported: 08/06/2014
Project Name: APACHE 24 FED #3
Project Number: 700794097.01
Project Location: I - 24 - 22 - 30

Sampling Date: 08/05/2014
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Kathy Perez

Sample ID: S-1 3.5 (H402398-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/06/2014	ND	416	104	400	8.00	

Sample ID: S-1 SOUTH WALL (H402398-02)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	08/06/2014	ND	416	104	400	8.00	

Sample ID: S-1 WEST WALL (H402398-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/06/2014	ND	416	104	400	8.00	

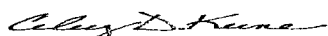
Sample ID: S-1 NORTH WALL (H402398-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/06/2014	ND	416	104	400	8.00	

Cardinal Laboratories

*=Accredited Analyte

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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: 08/05/2014
Reported: 08/06/2014
Project Name: APACHE 24 FED #3
Project Number: 700794097.01
Project Location: I - 24 - 22 - 30

Sampling Date: 08/05/2014
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Kathy Perez

Sample ID: S-1 EAST WALL (H402398-05)

Chloride, SM4500Cl-B

mg/kg


Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/06/2014	ND	416	104	400	8.00	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

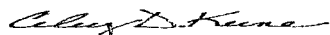
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***	Insufficient time to reach temperature.
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	Samples reported on an as received basis (wet) unless otherwise noted on report

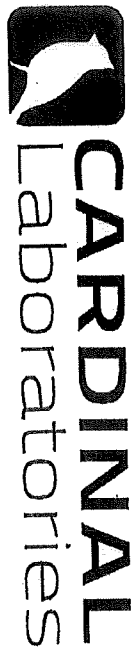
Cardinal Laboratories

*==Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Talon/LPE		P.O. #:		ANALYSIS REQUEST																																			
Project Manager: Jim Willis		Company: Talon/LPE																																					
Address: 408 W. Texas Ave.		Attn:																																					
City: Artesia		Address:																																					
Phone #: 575-746-8768		City:																																					
Fax #: 575-746-8905		State:																																					
Project #: 700794091		Zip:																																					
Project Name: Apache 24 Field		Phone #:																																					
Project Location:		Fax #:																																					
Sample Name: K Soil		PRESERV		SAMPLING																																			
FOR LAB USE ONLY		MATRIX																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		CHLORIDE									
4402398		S-1 3,5										X														8/5/14		10:00		X									
		S-1 South wall										X														10:07				X									
		S-1 West wall										X														10:16				X									
		S-1 North wall										X														10:25				X									
		S-1 East wall										X														10:35				X									
		S-1 First wall										X																											



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

July 28, 2014

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: APACHE 24 FED #1

Enclosed are the results of analyses for samples received by the laboratory on 07/25/14 11:27.

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,

Hope S. Moreno For 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: 07/25/2014
Reported: 07/28/2014
Project Name: APACHE 24 FED #1
Project Number: 70079409701
Project Location: EDDY COUNTY, NM

Sampling Date: 07/23/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: S-1 3' (H402282-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17200	16.0	07/28/2014	ND	400	100	400	0.00	

Sample ID: S-1 4' (H402282-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	07/28/2014	ND	400	100	400	0.00	

Sample ID: S-1 5' (H402282-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/28/2014	ND	400	100	400	0.00	

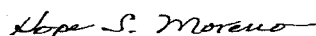
Sample ID: S-1 6' (H402282-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	07/28/2014	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager

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KIMBERLY WILSON
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ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 07/25/2014
Reported: 07/28/2014
Project Name: APACHE 24 FED #1
Project Number: 70079409701
Project Location: EDDY COUNTY, NM

Sampling Date: 07/23/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: S-1 7' (H402282-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	07/28/2014	ND	400	100	400	0.00	

Sample ID: S-1 8' (H402282-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/28/2014	ND	400	100	400	0.00	

Sample ID: S-1 9' (H402282-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/28/2014	ND	400	100	400	0.00	

Sample ID: S-2 3' (H402282-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	07/28/2014	ND	400	100	400	0.00	

Sample ID: S-2 4' (H402282-09)

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	07/28/2014	ND	400	100	400	0.00	

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*=Accredited Analyte

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Analytical Results For:

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KIMBERLY WILSON
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ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 07/25/2014
Reported: 07/28/2014
Project Name: APACHE 24 FED #1
Project Number: 70079409701
Project Location: EDDY COUNTY, NM

Sampling Date: 07/23/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: S-2 5' (H402282-10)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/28/2014	ND	400	100	400	0.00	


Sample ID: S-2 6' (H402282-11)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/28/2014	ND	400	100	400	0.00	

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* = Accredited Analyte

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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

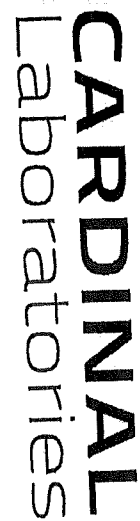
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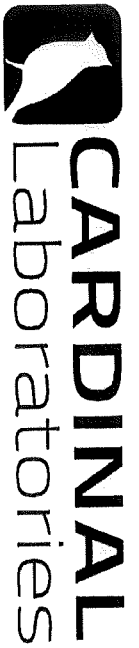


CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1022

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Talon/PE

Project Manager: R W. Lison

Address: 408 W. Texas Ave.

City: Artesia

Phone #: 575-746-8768

Project #: 7887946972

Project Name: Hooch 24 Pzd #1

Project Location: 13411

Sampler Name: R Swift

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H4D2282

11 S-2 G

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

Total Chlorides

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Relinquished By:

Date:

Received By:

Relinquished By:

Date:

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

CHECKED BY:

REMARKS:

Phone Result:

Fax Result:

Yes

No

Add'l Phone #:

Add'l Fax #:

SEEDING LABEL

Curtis & Curtis, Inc
4500 North Prince
Clovis, NM 88130
Phone: (575) 762-4759

Talon / LPE, LTD
2 Acre BLM #1, Broadcast Rate
2 - 1 Acre Bags @ 20.34 Bulk Pounds Each
Job: Devon: Apache 24 Fed #3
30-015-33080
1-24-22-30
700794.097.01

Lot# M-12527

Item	Origin	Purity	Germ	Dormant	Germ & Dormant	Test Date	Total PLS Pounds
Blue Grama	Texas	15.20%	97.00%	0.00%	97.00%	12/13	6.00
Hachita							
Sand Dropseed	Colorado	10.25%	22.00%	74.00%	96.00%	12/13	4.00
VNS							
Sideoats Grama	Texas	54.03%	87.00%	4.00%	91.00%	05/14	20.00
Vaughn							

Other Crop: 0.32%
Weed Seed: 1.38%
Inert Matter: 18.82%

There Are 2 Bags For This Mix
This Bag Weighs 20.34 Bulk Pounds
Use This Bag For 1 Acres

Total Bulk Pounds: 41

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 Daniel Suniga	
Address: PO Box 250 Artesia, NM 88211	Telephone No. 575-390-5850	
Facility Name: Apache 24 Federal #3	Facility Type Oil	
Surface Owner: Federal	Mineral Owner:	API No. 30-015-33080

LOCATION OF RELEASE

Unit Letter I	Section 24	Township 22S	Range 30E	Feet from the	North/South Line North	Feet from the 405	East/West Line East	County Eddy
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Latitude: ___ Longitude: ___

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 200	Volume Recovered 160
Source of Release Punctured water transfer line	Date and Hour of Occurrence February 11, 2014; 1:30pm	Date and Hour of Discovery February 11, 2014; 4:00pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jerry Mathews; Don Mayberry; Amancio Cruz Mike Bratcher-OCD/Jim Amos-BLM	
By Whom? Wes Ryan/Hub Perry	Date and Hour February 11, 2014; 4:15pm	
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 Apache 24-3 battery a produced water transfer line was punctured when it was run over by a water truck causing it to spill down the road. Flow back drivers did not report the leak and the pumper had yet to make it to that section of his route for the day. A WIPP employee discovered the spill and contacted assistant foreman Wes Ryan who called the Lease Operator who then he went directly to the site and began to shut in the surrounding wells. When the lease operator realized that it was his transfer pump that was producing the leak he turned that off as well and immediately called for recovery trucks who started with cleanup and had roustabouts come out and repair flow line. Spill flowed into a ditch approximately 1/4 mile down the road. Roustabouts were called in to begin cleanup and recovery.

Describe Area Affected and Cleanup Action Taken.* On July 22, 2014 Talon personnel mobilized to the site to begin excavation of the impacted areas in accordance with the New Mexico Oil Conservation Division (NMOCD) approved work plan with stipulation. On July 23, 24, 2014 Talon personnel obtained deeper vertical delineation samples with a backhoe. A test pit was excavated at sample location S-1. The samples were field tested for chlorides and followed up with laboratory confirmation analysis. The impacted area in the vicinity of sample location S-2 was excavated to a depth of 3-feet deep. In the vicinity of S-3 and S-4 the impacted area was excavated to a depth of 2-feet deep. The impacted area in the vicinity of S-1 was excavated to a depth of 4-feet deep and a 20 mil liner was installed into the excavation. Soil samples were collected and tested using the field titration method for chlorides for horizontal delineation purposes and followed up with laboratory confirmation analysis. All contaminated soil was disposed of at Lea Land, LLC and new top soil was backhauled to the location. Upon receipt of acceptable sampling results, the excavated areas were backfilled and re-contoured to match the surrounding. The area was then seeded using BLM #1 recommended seed mix. 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>Daniel Suniga</i>	OIL CONSERVATION DIVISION	
Printed Name: <i>Daniel Suniga</i>	Approved by Environmental Specialist:	
Title: <i>Production Foreman</i>	Approval Date:	Expiration Date:
E-mail Address: <i>dan.suniga@dev.com</i>	Attached <input type="checkbox"/>	
Date: August 27, 2014	Phone: 575-390-5850	Conditions of Approval:

* Attach Additional Sheets If Necessary