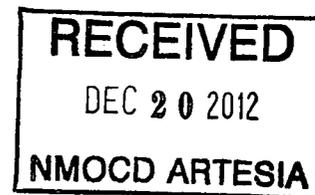




December 18, 2012



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 575.746.8905

AUSTIN
911 West Anderson Lane
Suite 202
Austin, Texas 78757
Phone 512.989.3428
Fax 512.989.3487

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

SAN ANTONIO
11 Commercial Place
Schertz, Texas 78154
Phone 210.265.8025
Fax 210.568.2191

TULSA
525 South Main Street
Suite 535
Tulsa, Oklahoma 74103
Phone 918.742.0871
Fax 918.382.0232

Subject: **Soil Assessment and Remediation Work Plan**
Devon Energy Corporation
Apache 25 No. 8 SWD
API # 30-015-33439

Dear Mr. Bratcher,

Devon Energy Corporation has contracted Talon/LPE (Talon) to perform soil assessment and remediation services for the Apache 25 No. 8 SWD release. Talon's site assessment, soil sampling results and proposed work plan to perform remediation activities consist of the following:

Incident Date

October 13, 2012

Background Information

The Apache 25 No. 8 SWD is located approximately sixty-eight (68) miles southeast of Artesia, New Mexico. The legal location for the site is Section 25, Township 22 South and Range 30 East in Eddy County, New Mexico. More specifically, the latitude and longitude for the release are 32.363568 North and -103.832053 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 Kermit-Berino Fine Sands 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 hard caliche. Drainage courses in this area are normally dry. 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 at depth of 413' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

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

Incident Description

A water pump at the Apache 25 No. 8 SWD malfunctioned causing the water tanks to overflow into the lined containment area resulting in a 520 barrel produced water release. The water pump was re-set and returned back to service. A vacuum truck was immediately called to the location and recovered 520 barrels of produced water.

An area of dead vegetation was noted to the northeast of the tank battery during the BLM inspection. This is thought to be a result of historical run-off from the battery and well location. A site plan is attached.

Sampling Activities

On November 7, 2012 Talon mobilized personnel to begin soil sampling for the construction of a work plan. Grab soil samples were collected utilizing a hand auger from the surface of the impacted area to a depth of 2-feet deep.

On December 4, 2012 Talon returned to the site to collect additional soil samples utilizing a backhoe. Grab soil samples were collected from a depth of 3-feet to 7.5-feet deep.

The soil samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed into a laboratory provided sample containers and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The chlorides were analyzed per method SM4500Cl-B. The complete laboratory reports are attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

November 13, 2012

<u>Sample</u>	<u>Depth</u>	<u>Chlorides mg/kg</u>
S-1	0.25'	5200
	0.5'	6080
	0.75'	6800
	1'	7200
	2'	8080

December 13, 2012

<u>Sample</u>	<u>Depth</u>	<u>Chlorides mg/kg</u>
S-1	3'	416
	4'	608
	6.5'	256
	7.5'	304

Summary

- Ground water in the project vicinity is 413-feet below land surface according to the New Mexico State Engineers Database.
- Based on the depth to groundwater, it is unlikely that the impacts identified from this release will pose a threat to groundwater after proposed remediation activities are complete.

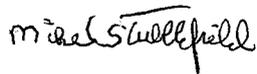
Proposed Remedial Actions

- The impacted soil will be excavated to a depth of 2-feet deep. The impacted soil will be transported to an NMOCD approved solid waste disposal facility.
- The excavated area will be backfilled to grade using new material transported from a local borrow pit. The area will be contoured to match the surrounding location.
- The area will be seeded using the BLM approved seed mixture for the area.

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

Respectfully submitted,

TALON/LPE

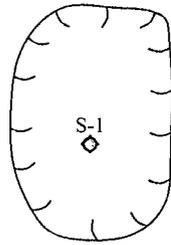


Mike Stubblefield
Project Manager

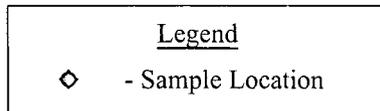
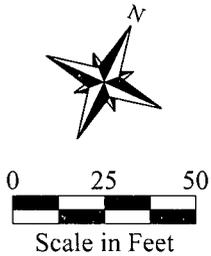
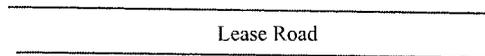
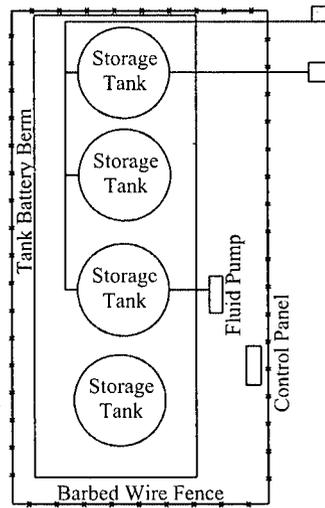


David J. Adkins
District Manager

SITE MAP



Historical Impacted Area 65' x 45'



Date: 12/19/2012

Scale: 1" = 50'

Drawn By: TJS

Apache 25 No. 8 SWD
 Devon Energy Corporation
 Eddy County, New Mexico
 Figure 1 - Site Plan

APPENDIX I
GROUNDWATER DATA
INITIAL C-141



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 Code	Subbasin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<u>C 02637</u>	ED		ED	1	3	3	24	22S	30E	608950	3582377*	1585	759		
<u>C 02950 EXPL</u>	ED		ED	4	2	4	23	22S	30E	608740	3582576*	1644	845		
<u>C 03221 EXPLORE</u>	ED		ED	1	2	1	30	22S	31E	610995	3581935*	1680	651		
<u>C 02749</u>	ED		ED	1	1	1	18	22S	31E	610556	3585146*	1793	640		
<u>C 02750</u>	ED		ED	1	1	1	18	22S	31E	610556	3585146*	1793	741		
<u>C 02751</u>	ED		ED	1	1	1	18	22S	31E	610556	3585146*	1793	637		
<u>C 02683</u>	ED		ED	3	1	1	20	22S	31E	612184	3583356*	2019	840		
<u>C 02413</u>	ED		ED	1	2	1	20	22S	31E	612586	3583560*	2426	737		
<u>C 02748</u>	ED		ED	1	2	3	17	22S	31E	612576	3584364*	2598	3856		
<u>C 02759</u>	ED		ED	1	2	1	29	22S	31E	612604	3581952*	2834	795		
<u>C 02758</u>	ED		ED	3	2	1	29	22S	31E	612604	3581752*	2941	661		
<u>C 02762</u>	ED		ED	3	2	1	29	22S	31E	612604	3581752*	2941	672		
<u>C 02763</u>	ED		ED	3	2	1	29	22S	31E	612604	3581752*	2941	660		
<u>C 02753</u>	ED		ED	1	4	4	20	22S	31E	613404	3582362*	3400	851		
<u>C 02986</u>	ED		ED	1	4	4	20	22S	31E	613404	3582362*	3400	71		
<u>C 02990</u>	ED		ED	1	4	4	20	22S	31E	613404	3582362*	3400	71		
<u>C 02684</u>	ED		ED	4	2	2	20	22S	31E	613590	3583368*	3425	1060		
<u>C 02639</u>	ED		ED	4	4	4	17	22S	31E	613585	3583770*	3440	3928		
<u>C 02755</u>	ED		ED	4	4	2	20	22S	31E	613595	3582966*	3456	1040		
<u>C 02418</u>	ED		ED	3	2	3	29	22S	31E	612613	3580948*	3461	617	413	204
<u>C 02419</u>	ED		ED	3	2	3	29	22S	31E	612613	3580948*	3461	225		
<u>C 02989</u>	ED		ED	3	4	4	20	22S	31E	613404	3582162*	3466	54		

*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.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

Form C-141
Revised October 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

nJMW1231131067

Name of Company: Devon Energy Production LP <i>6137</i>		OPERATOR	<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Address: P.O. Box 250 Artesia, N.M. 88211		Contact: Daniel Suniga	Telephone No. 575-390-5850	
Facility Name: Apache 25 # 8		Facility Type: Oil Well # 30-015-27896	<i>30-015-33439</i>	
Surface Owner	Mineral Owner	Lease No. NMNM-89052		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	25	22S	30E	1980	North	1650	East	Eddy

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 520 bbls	Volume Recovered: 520 bbls
Source of Release: water pump malfunction	Date and Hour of Occurrence: 10/13/2012, 4:00 PM	Date and Hour of Discovery 10/14/2012, 8:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Daniel Suniga, Production Foreman	
By Whom? Jerry VanNatta, Lease Operator	Date and Hour: 10/14/2012, 8:00 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

RECEIVED
 OCT 24 2012
NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.
While on his route the Lease Operator for the Apache 25 # 8 location discovered a water pump had went down causing tanks to run over into containment producing a 520 bbl. water spill with 520 bbls. recovered.

Describe Area Affected and Cleanup Action Taken.*
After discovering the spill at the Apache 25 # 8 location, the Lease Operator called for trucks to clean up the spill, contacted his foreman, and then reset the pump to resume service.

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>Rebecca Raga</i>	OIL CONSERVATION DIVISION	
Printed Name: Rebecca Raga	Approved by District Supervisor:	Signed By: <i>Milo Brannon</i>
Title: Field Tech	Approval NOV 06 2012	Expiration Date:
E-mail Address: rebecca.raga@dvn.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/17/2012 Phone: (575) 746-5564		

* Attach Additional Sheets If Necessary

Remediation per OCD Rules &
Guidelines. **SUBMIT REMEDIATION
PROPOSAL NOT LATER THAN:
*Dec. 6, 2012***

2RP-1384

APPENDIX II
LABORATORY RESULTS



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

November 13, 2012

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: APACHE 25 #8

Enclosed are the results of analyses for samples received by the laboratory on 11/08/12 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, prominent initial "C".

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:	11/08/2012	Sampling Date:	11/07/2012
Reported:	11/13/2012	Sampling Type:	Soil
Project Name:	APACHE 25 #8	Sampling Condition:	** (See Notes)
Project Number:	700794.055.01	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: S-1 0.25' (H202730-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	11/13/2012	ND	432	108	400	3.77	

Sample ID: S-1 0.5' (H202730-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	11/13/2012	ND	432	108	400	3.77	

Sample ID: S-1 0.75' (H202730-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	11/13/2012	ND	432	108	400	3.77	

Sample ID: S-1 1.0' (H202730-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	11/13/2012	ND	432	108	400	3.77	

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, Lab Director/Quality Manager

Analytical Results For:

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

Received:	11/08/2012	Sampling Date:	11/07/2012
Reported:	11/13/2012	Sampling Type:	Soil
Project Name:	APACHE 25 #8	Sampling Condition:	** (See Notes)
Project Number:	700794.055.01	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

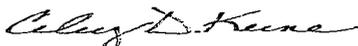
Sample ID: S-1 2.0' (H202730-05)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8080	16.0	11/13/2012	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

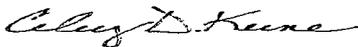
Notes and Definitions

- 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

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, 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>TALON / LPE</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>DAVID ADKINS</u>		P.O. #:		TOTAL CHARGES											
Address: <u>408 W Texas Ave</u>		Company: <u>TALON / LPE</u>													
City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u>		Attn:													
Phone #: _____ Fax #: _____		Address:													
Project #: <u>700794.055.01</u> Project Owner: <u>DEVON</u>		City:													
Project Name: <u>Apache 25#8</u>		State: _____ Zip: _____													
Project Location:		Phone #: _____													
Sampler Name: <u>DAVID ADKINS</u>		Fax #: _____													
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	(GRAB OR C/COMP.)	# CONTAINERS	MATRIX					PRESERV.			SAMPLING			
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	
<u>H202730</u>															
<u>1</u>	<u>S-1 0.25'</u>	<u>G</u>	<u>1</u>			<input checked="" type="checkbox"/>							<u>11/7/12</u>		<input checked="" type="checkbox"/>
<u>2</u>	<u>S-1 0.5'</u>	<u>G</u>	<u>1</u>			<input checked="" type="checkbox"/>							<u>11/7/12</u>		<input checked="" type="checkbox"/>
<u>3</u>	<u>S-1 0.75'</u>	<u>G</u>	<u>1</u>			<input checked="" type="checkbox"/>							<u>11/7/12</u>		<input checked="" type="checkbox"/>
<u>4</u>	<u>S-1 1.0'</u>	<u>G</u>	<u>1</u>			<input checked="" type="checkbox"/>							<u>11/7/12</u>		<input checked="" type="checkbox"/>
<u>5</u>	<u>S-1 2.0'</u>	<u>G</u>	<u>1</u>			<input checked="" type="checkbox"/>							<u>11/7/12</u>		<input checked="" type="checkbox"/>

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 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 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>[Signature]</u>	Date: <u>11/3/12</u> Time: <u>1:30pm</u>	Received By: <u>mae Stullfield</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <u>[Signature]</u>	Date: <u>11/2/12</u> Time: <u>7:55</u>	Received By: <u>Jodi Benson</u>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By / (Circle One) Sampler - UPS - Bus - <u>Other:</u>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: <u>[Signature]</u> (Initials)	REMARKS:	

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



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

December 13, 2012

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: APACHE 25 #8 SWD

Enclosed are the results of analyses for samples received by the laboratory on 12/07/12 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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:	12/07/2012	Sampling Date:	12/04/2012
Reported:	12/13/2012	Sampling Type:	Soil
Project Name:	APACHE 25 #8 SWD	Sampling Condition:	Cool & Intact
Project Number:	700794.055.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 25 - T22S - R30E		

Sample ID: S - 1 3' (H202950-01)

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	12/12/2012	ND	448	112	400	3.64		

Sample ID: S - 1 4' (H202950-02)

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	12/12/2012	ND	448	112	400	3.64		

Sample ID: S - 1 6.5' (H202950-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/12/2012	ND	448	112	400	3.64		

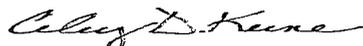
Sample ID: S - 1 7.5' (H202950-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	12/12/2012	ND	448	112	400	3.64		

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

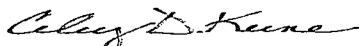
Notes and Definitions

- 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: <u>Talon / LPE</u>		BILL TO		ANALYSIS REQUEST																						
Project Manager: <u>David Adkins</u>		P.O. #:																								
Address: <u>408 West Texas Ave.</u>		Company: <u>Talon / LPE</u>																								
City: <u>Artesia</u> State: <u>N.M.</u> Zip: <u>88210</u>		Attn:																								
Phone #: _____ Fax #: _____		Address:																								
Project #: <u>200794.055.01</u> Project Owner: <u>Devon Energy Corp.</u>		City:																								
Project Name: <u>Apache 25 No. 8 SWD</u>		State: _____ Zip: _____																								
Project Location: <u>sec. 25-T225-R30E</u>		Phone #:																								
Sampler Name: <u>mic (5 tubefield)</u>		Fax #:																								
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.	SAMPLING	Total Chlorides														
<u>11202952</u>																										
<u>1</u>	<u>S-1 3'</u>	<u>G</u>				<u>/</u>				<u>/</u>				<u>12/14/12</u>	<u>2:25 P</u>	<u>/</u>										
<u>2</u>	<u>S-1 4'</u>	<u>G</u>				<u>/</u>				<u>/</u>				<u>12/14/12</u>	<u>2:30 P</u>	<u>/</u>										
<u>3</u>	<u>S-1 6.5'</u>	<u>G</u>				<u>/</u>				<u>/</u>			<u>12/14/12</u>	<u>3:30 P</u>	<u>/</u>											
<u>4</u>	<u>S-1 7.5'</u>	<u>G</u>				<u>/</u>				<u>/</u>			<u>12/14/12</u>	<u>3:40 P</u>	<u>/</u>											

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Relinquished By: <u>mic (5 tubefield)</u>	Date: <u>12/14/12</u>	Received By: <u>Jodi Henson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - <u>Other</u>	Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> <u>50</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) <u>JH</u>	REMARKS:	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326