

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

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

PJXK1534948221

Form C-141
Revised March 17, 1999

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Devon Energy	Contact: Tracy Kidd
Address: P. O. Box 250 Artesia, NM 88211	Telephone No.: 575-513-0628
Facility Name: Trionyx 6 Federal 7 & 8	Facility Type: Oil Well
Surface Owner: Federal	Mineral Owner:
API #: 30-025-40047	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	6	25S	32E	200'	South	685'	East	LEA

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release - 10 bbls Oil	Volume Recovered - 2 bbls Oil
Source of Release: Mechanical failure: Load line valve left open	Date and Hour of Occurrence 1/13/14; 2:45 pm	Date and Hour of Discovery 1/13/2/14; 2:45 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD / Geoffrey Leking	
By Whom? Joe Wilks	Date and Hour: 1/13/14	
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.* On January 10, 2014 a 4-inch steel flow line was found to be leaking due to corrosion causing a release of 12 barrels of produced water. A vac truck was immediately called to the location and recovered 3 barrels. The flow line was isolated, drained of all fluids, replaced and returned to service. The spill area measures approximately 120-feet long by 15 to 20-feet wide in areas.

Describe Area Affected and Cleanup Action Taken.* The impacted soil from this release in the vicinity of sample location S-1 was excavated with a backhoe to a depth of 1-foot deep and the impacted soil in the vicinity of sample location S-3 was excavated with a backhoe to a depth of 3.5-feet deep. The impacted soil was transported to a NMOCD approved solid waste disposal facility, Lea Land, LLC. The excavated areas were backfilled with new caliche and the location was re-constructed. The lab results are attached along with a site map and groundwater data for the area. The soil testing results are under the Recommended Remedial Action Levels (RRAL) after initial excavation. No further actions are 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:		OIL CONSERVATION DIVISION	
Printed Name: Sandra Farley		Approved by District Supervisor:	
Title: Admin Field Support		Approval Date:	Expiration Date:
Date: 6/3/2014 Phone: 575-746-5587	Conditions of Approval:		Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary



HOBBS OCD

MAR 10 2014

March 5, 2014

RECEIVED

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

Mr. Geoffrey Leking
NMOCD District I
1625 N. French Dr.
Hobbs, NM 88240

ARTESIA
408 West Texas Ave.
Artesia, New Mexico 88210
Phone 575.746.8768
Fax 575.748.8905

Subject: **Soil Assessment and Remediation Work Plan**
Devon Energy
Trionyx 6 Federal No. 7
API #: 30-025-40047

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

Dear Mr. Leking,

Devon Energy has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Trionyx 6 Federal No. 7. The incident description, soil assessment and proposed remediation activities consist of the following:

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

Background Information

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

The Trionyx 6 Federal No. 7 is located approximately fifty-one (51) miles southeast of Carlsbad, New Mexico. The legal location for the site is Section 6, Township 25 South and Range 32 East in Lea County, New Mexico. More specifically the latitude and longitude for the location are 32.152456 North and -103.70759 West. A site plan is presented in Appendix I.

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

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 eroded. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of alluvium and eolian sands which includes fine sandy loam underlain by sandy clay loam and hard caliches. Drainage courses in this area are normally dry. According to the New Mexico State Engineer web site indicates there is no ground water in the vicinity. See Appendix II for the referenced groundwater data.

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

On January 13, 2014 a water hauler failed to close the load line valve after he picked up water causing 10 barrels of produced water to be released on location. The impacted area measured approximately 75' long by 10' wide. A vacuum truck was immediately called to location and recovered 2 barrels of fluid.

Actions Taken

On, January 15, 2014 Talon/LPE mobilized personnel to begin the site assessment and soil sampling activities for the construction of a work plan. Grab soil samples were collected utilizing a hand auger to a depth of 0.5-feet due to refusal.

On February 25, 2014 Talon personnel returned to the site to collect additional soil samples utilizing a backhoe for further vertical delineation. Grab soil samples were collected to a depth of 3-feet deep.

Soil samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, volatile organics (BTEX) using EPA Method 8021B and analysis of Chlorides using Method SM4500Cl-B. See Appendix III for complete report of laboratory results.

Laboratory Results

January 21, 2014

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0.5'	<0.300	4960	<10	<10
S-2	0.5'	<0.300	192	<10	<10
S-3	0.5'	<0.300	960	<10	<10

March 4, 2014

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	1'	--	496	--	--
	2'		176		
	3'	--	<16	--	--
S-3	1'	--	1650	--	--
	2'	--	672	--	--
	3'	--	1550	--	--

--Analyte Not Tested

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 5,000 mg/kg. The chloride remediation standard is considered to be 1,000 mg/kg.

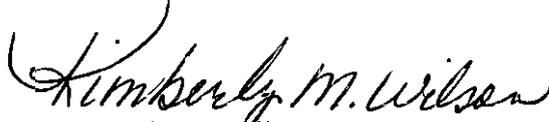
Proposed Remedial Actions

- The impacted soil from this release in the vicinity of sample location S-1 will be excavated with a backhoe to a depth of 1-foot deep.
- The impacted soil from this release in the vicinity of sample location S-3 will be excavated with a backhoe to a depth of 1.5-feet deep.
- The impacted soil will be transported to a NMOCD approved solid waste disposal facility.
- The excavated areas will be backfilled with caliche and the location will be re-contoured.
- A final report documenting all field activities and lab reports will be provided to the BLM Carlsbad office and NMOCD Hobbs Office.

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 Adkins
Project Manager

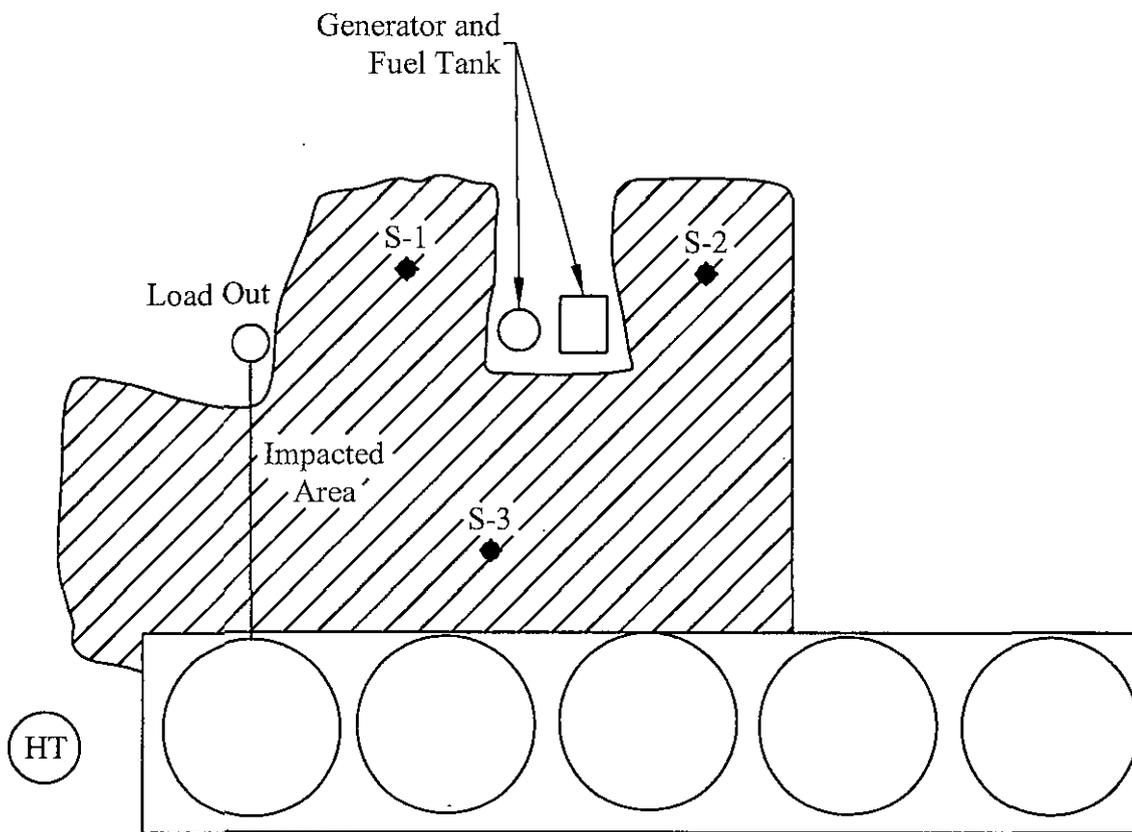
Cc.
Jeffery Robertson, BLM

)

APPENDIX I

SITE MAP





Legend

◆ - Sample Location



Date: 01/28/2014

Scale: NTS

Drawn By: TJS

Trionyx 6 Fed #7
 Devon Energy Corporation
 Lea County, New Mexico
 Figure 1 - Site Plan

APPENDIX II
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 Sub-Code	basin	County	Q 6	Q 4	Q 1	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<u>C 02568</u>			ED	4	3	1	01	25S	31E	619103	3558892*	2944	1025		
<u>C 02570</u>			ED	4	2	4	02	25S	31E	618704	3558489*	3261	895		
<u>C 02569</u>			ED	4	4	2	02	25S	31E	618699	3558891*	3335	1016		
<u>C 02572</u>			ED	4	2	2	02	25S	31E	618695	3559294*	3455	852		
<u>C 02573</u>			ED	1	4	2	02	25S	31E	618499	3559091*	3579			
<u>C 02571</u>			ED	4	1	2	02	25S	31E	618292	3559294*	3836	860		
<u>C 02574</u>			ED	1	1	2	02	25S	31E	618092	3559494*	4090			

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 621944

Northing (Y): 3558118

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

January 21, 2014

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

RE: TRIONYX 6 FED. #7

Enclosed are the results of analyses for samples received by the laboratory on 01/15/14 13:30.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

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: 01/15/2014
 Reported: 01/21/2014
 Project Name: TRIONYX 6 FED. #7
 Project Number: 700794.087.01
 Project Location: P-S6-T25S-R32E

 Sampling Date: 01/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 0.5' (H400124-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2014	ND	2.32	116	2.00	1.29	
Toluene*	<0.050	0.050	01/20/2014	ND	2.32	116	2.00	1.51	
Ethylbenzene*	<0.050	0.050	01/20/2014	ND	2.30	115	2.00	1.47	
Total Xylenes*	<0.150	0.150	01/20/2014	ND	6.74	112	6.00	1.49	
Total BTEX	<0.300	0.300	01/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	01/16/2014	ND	416	104	400	3.92	

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	01/17/2014	ND	42.2	84.4	50.0	3.99	
DRO >C10-C28	<10.0	10.0	01/17/2014	ND	46.9	93.8	50.0	3.76	

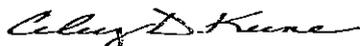
Surrogate: 1-Chlorooctane 75.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 78.5 % 63.6-154

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:	01/15/2014	Sampling Date:	01/15/2014
Reported:	01/21/2014	Sampling Type:	Soil
Project Name:	TRIONYX 6 FED. #7	Sampling Condition:	Cool & Intact
Project Number:	700794.087.01	Sample Received By:	Jodi Henson
Project Location:	P-S6-T25S-R32E		

Sample ID: S-2 0.5' (H400124-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2014	ND	2.32	116	2.00	1.29		
Toluene*	<0.050	0.050	01/20/2014	ND	2.32	116	2.00	1.51		
Ethylbenzene*	<0.050	0.050	01/20/2014	ND	2.30	115	2.00	1.47		
Total Xylenes*	<0.150	0.150	01/20/2014	ND	6.74	112	6.00	1.49		
Total BTEX	<0.300	0.300	01/20/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/16/2014	ND	416	104	400	3.92		

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	01/17/2014	ND	42.2	84.4	50.0	3.99		
DRO >C10-C28	<10.0	10.0	01/17/2014	ND	46.9	93.8	50.0	3.76		

Surrogate: 1-Chlorooctane 78.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 80.7 % 63.6-154

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:	01/15/2014	Sampling Date:	01/15/2014
Reported:	01/21/2014	Sampling Type:	Soil
Project Name:	TRIONYX 6 FED. #7	Sampling Condition:	Cool & Intact
Project Number:	700794.087.01	Sample Received By:	Jodi Henson
Project Location:	P-S6-T25S-R32E		

Sample ID: S-3 0.5' (H400124-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2014	ND	2.32	116	2.00	1.29	
Toluene*	<0.050	0.050	01/20/2014	ND	2.32	116	2.00	1.51	
Ethylbenzene*	<0.050	0.050	01/20/2014	ND	2.30	115	2.00	1.47	
Total Xylenes*	<0.150	0.150	01/20/2014	ND	6.74	112	6.00	1.49	
Total BTEX	<0.300	0.300	01/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	01/16/2014	ND	416	104	400	3.92	

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	01/17/2014	ND	42.2	84.4	50.0	3.99	
DRO >C10-C28	<10.0	10.0	01/17/2014	ND	46.9	93.8	50.0	3.76	#

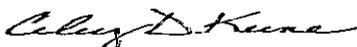
Surrogate: 1-Chlorooctane 74.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 80.8 % 63.6-154

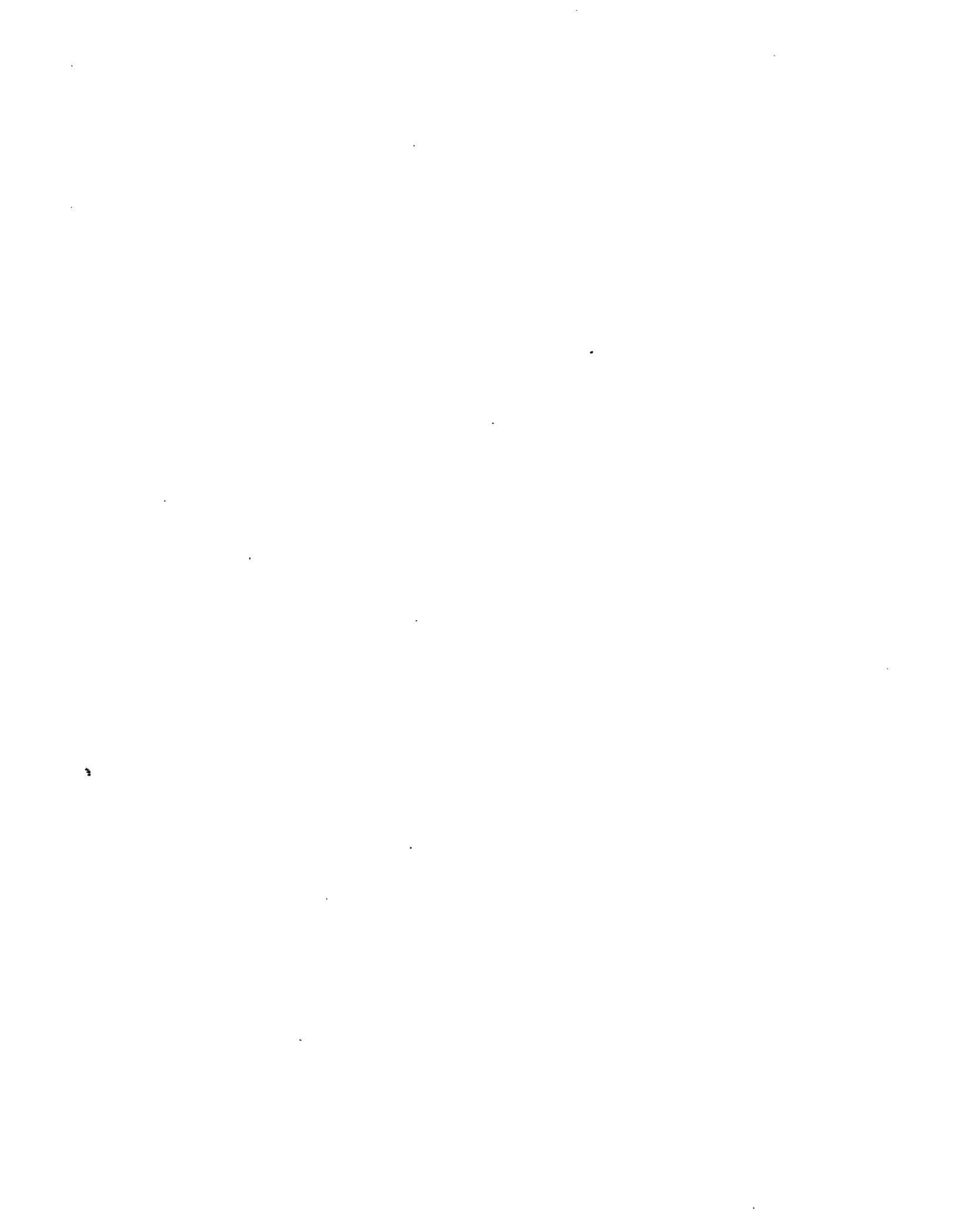
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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



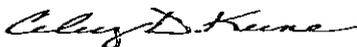
Notes and Definitions

- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILLETTO

ANALYSIS REQUEST

Company Name: **TALON/LPE**

Project Manager: **K. Wilson**

Address: **408 W. Texas Ave**

City: **Artesia**

Phone #: **575-744-8768**

Project #: **700794.08701**

Project Name: **TRIANYX & FGD #7**

Project Location: **P-56-T255-R32E**

Sampler Name: **S. HITCHCOCK**

FOR LAB USE ONLY

P.O. #:

Company: **Talton/LPE**

Address:

City:

State:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:		
H400124	1-5-015	6	1	/	/	/	/	/	11/15/14	11:28	TPH
	2-5-2015	6	1	/	/	/	/	/	11/15/14	11:28	BTEX
	3-5-3015	6	1	/	/	/	/	/	11/15/14	11:32	Chlorides

PLEASE NOTE: Liability and Damages: Cardinal Liability and identity acceptance remain for any data which is not certified or not used for the amount paid by the client for the analysis. All other data including those for reference and any other value whatsoever shall be deemed void unless made in writing and verified by Cardinal within 30 days after completion of the applicable analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, or loss of profits, resulting from the use of the analysis. The analysis of specimens which are not related to the business of Cardinal Laboratories shall be subject to the standard terms and conditions of Cardinal Laboratories. The analysis of specimens which are related to the business of Cardinal Laboratories shall be subject to the standard terms and conditions of Cardinal Laboratories.

Relinquished By: **Sheldan Pearson**
Date: **11/30**
Time:

Received By: **Jodi Newson**
Date: **11/30**
Time:

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

Sampler - UPS - Bus - Other: **UPS**

Sample Condition: Intact Cool Yes No

CHECKED BY: **[Signature]**

PHONE RESULT: Yes No

REMARKS:

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



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

March 04, 2014

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TRIONYX 6 FED. #7

Enclosed are the results of analyses for samples received by the laboratory on 02/27/14 14:13.

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,

A handwritten signature in cursive script that reads "Celey D. Keene".

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:	02/27/2014	Sampling Date:	02/25/2014
Reported:	03/04/2014	Sampling Type:	Soil
Project Name:	TRIONYX 6 FED. #7	Sampling Condition:	Cool & Intact
Project Number:	700794.087.01	Sample Received By:	Jodi Henson
Project Location:	P-S6-T25S-R32E		

Sample ID: S-1 1' (H400605-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	03/04/2014	ND	432	108	400	3.77		

Sample ID: S-1 2' (H400605-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	03/04/2014	ND	432	108	400	3.77		

Sample ID: S-1 3' (H400605-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/04/2014	ND	432	108	400	3.77		

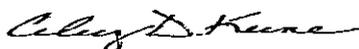
Sample ID: S-3 1' (H400605-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1650	16.0	03/04/2014	ND	432	108	400	3.77		

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:	02/27/2014	Sampling Date:	02/25/2014
Reported:	03/04/2014	Sampling Type:	Soil
Project Name:	TRIONYX 6 FED. #7	Sampling Condition:	Cool & Intact
Project Number:	700794.087.01	Sample Received By:	Jodi Henson
Project Location:	P-S6-T25S-R32E		

Sample ID: S-3 2' (H400605-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	03/04/2014	ND	432	108	400	3.77		

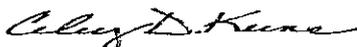
Sample ID: S-3 3' (H400605-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1550	16.0	03/04/2014	ND	432	108	400	0.00		

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

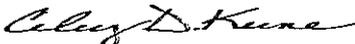
Notes and Definitions

- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

BIEN-10

ANALYSIS REQUEST

Company Name: Valery/LEE
 Project Manager:

P.O. #:
 Company: Valery

Address: 408 W. Taylor
 City: Alameda State: NM Zip: 88216

Attn:
 Address:

Phone #: 575-746-8168 Fax #: 575-746-8905

City:
 State: Zip:

Project #: 70029408201 Project Owner: Decon

Project Name: Trinity 66d#7

Project Location: Gr. Barco

Phone #:
 Fax #:

Sampler Name: G. Barco

Matrix: PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:			
H400005	18-77	/		/						2-25-14	1:35	Chlorides
	28-70	/		/						1:42		TPH
	38-73	/		/						1:52		BTEX
	48-72	/		/						2:34		
	58-72	/		/						2:41		
	68-73	/		/						2:48		

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Relinquished By: [Signature] Date: 02/22/14 Time: 1:13

Received By: [Signature]

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:

Delivered By: (Circle One) ye UPS Bus Other

Sample Condition: Cool Intact Yes No

CHECKED BY: [Signature]

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 #52

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: Trionyx 6 Fed 7 & 8	Facility Type Oil Well
Surface Owner Federal	Mineral Owner
API No. 3002540047	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	6	25S	32E	200	South	685	East	Lea

Latitude: 32.1524569 ___ Longitude: -103.70759

NATURE OF RELEASE

Type of Release Spill Produced Water	Volume of Release 10bbls	Volume Recovered 2bbls
Source of Release mechanical failure: Load line valve left open	Date and Hour of Occurrence 01.13.2014; 2:45 PM	Date and Hour of Discovery 01.13.2014; 2:45 PM
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? Joe Wilks	Date and Hour 01.13.2014	
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.* Water hauler driver failed to close load line valve after water pick up. Valve closed and 2 bbls of the 10bbls were recovered by vac truck.		
Describe Area Affected and Cleanup Action Taken.* Produced water spill remained on location affecting 75ft x 10Ft, equaling 10bbls. RW trucking recovered 2bbls with vac truck. Affected soil will be sampled, removed and replaced with fresh soil. Sampling will be completed by Talon LPE.		
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	OIL CONSERVATION DIVISION	
Printed Name: Sandra Farley	Approved by Environmental Specialist:	
Title: Field Admin Support	Approval Date:	Expiration Date:
E-mail Address: Sandy.Farley@dvn.com	Conditions of Approval:	
Date: 01.14.2014 Phone: 575.746.5587	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary



HOBBS OCD

JUN 12 2014

RECEIVED

June 11, 2014

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

Mr. Geoffrey Leking
NMOC District I
1625 N. French Dr.
Hobbs, NM 88240

ARTESIA
408 West Texas Ave.
Artesia, New Mexico 88210
Phone 575.746.8768
Fax 575.748.8905

Subject: **Remediation and Closure Report**
Devon Energy
Trionyx 6 Federal No. 7
API #: 30-025-40047

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

Dear Mr. Leking,

Devon Energy had contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Trionyx 6 Federal No. 7. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

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

Background Information

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

The Trionyx 6 Federal No. 7 is located approximately fifty-one (51) miles southeast of Carlsbad, New Mexico. The legal location for the site is Section 6, Township 25 South and Range 32 East in Lea County, New Mexico. More specifically the latitude and longitude for the location are 32.152456 North and -103.70759 West. A site plan is presented in Appendix I.

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

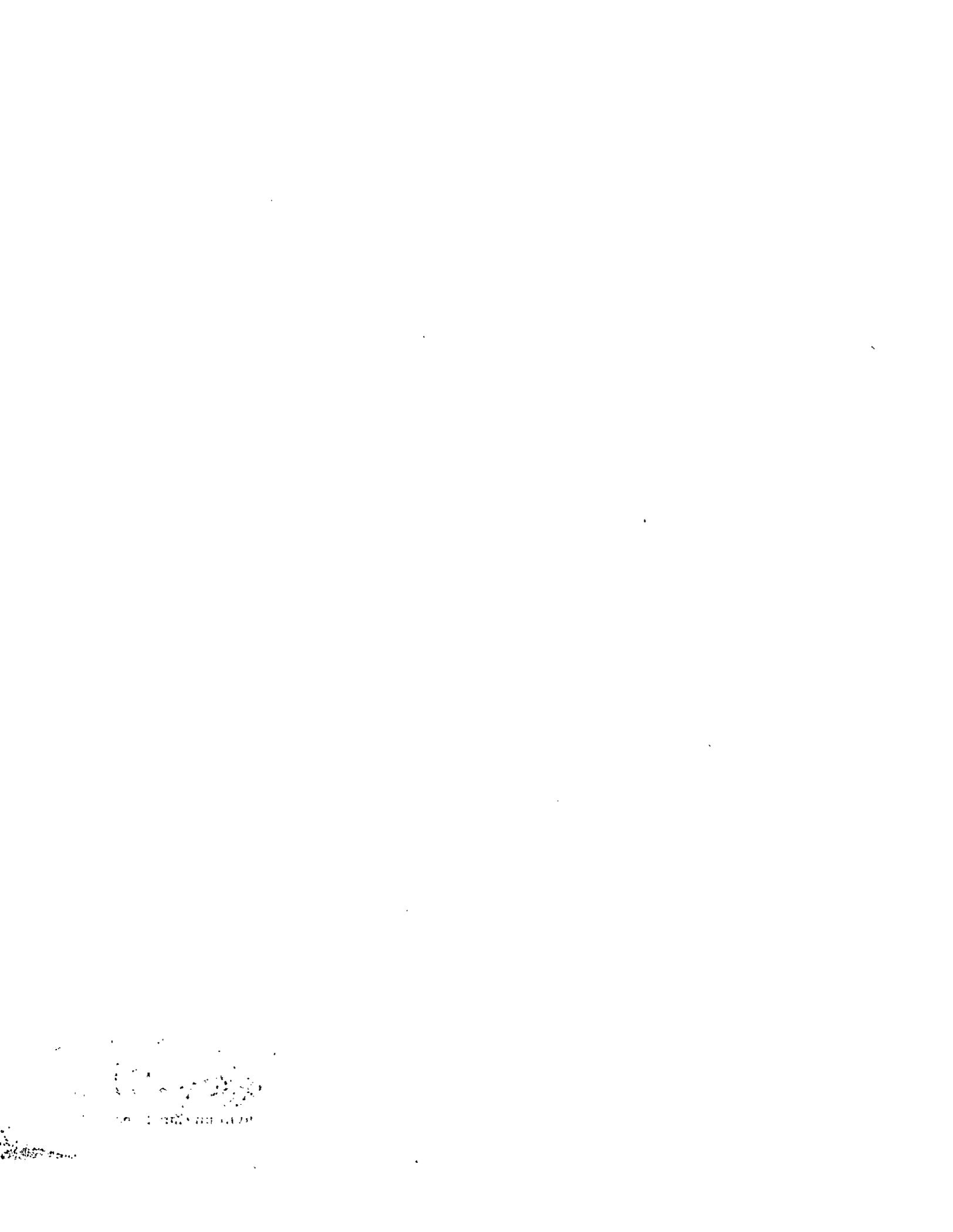
According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Berino complex with 0 to 3 percent slopes eroded. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of alluvium and eolian sands which includes fine sandy loam under lain by sandy clay loam and hard caliches. Drainage courses in this area are normally dry. According to the New Mexico State Engineer web site indicates there is no ground water in the vicinity. See Appendix II for the referenced groundwater data.

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

approved NFA required
Geoffrey Leking
Environmental Specialist
NMUCD-DIST I
6/12/14



Incident Description

On January 13, 2014 a water hauler failed to close the load line valve after he picked up water causing 10 barrels of produced water to be released on location. The impacted area measured approximately 75' long by 10' wide. A vacuum truck was immediately called to location and recovered 2 barrels of fluid.

Remedial Actions

On May 14, 2014 Talon personnel mobilized to the site to begin excavation of the impacted area in accordance with the New Mexico Oil Conservation Division (NMOCD) approved work plan with stipulation. See Appendix II.

The impacted soil from this release in the vicinity of sample location S-1 was excavated with a backhoe to a depth of 1-foot deep and the impacted soil in the vicinity of sample location S-3 was excavated with a backhoe to a depth of 3.5-feet deep. A confirmation sample was obtained at S-3 and is presented below.

The impacted soil was transported to a NMOCD approved solid waste disposal facility, Lea Land, LLC. The excavated areas were backfilled with new caliche and the location was re-constructed.

Laboratory Results

May 22, 2014

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-3	3.5'	--	<16	--	--

--Analyte Not Tested

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 5,000 mg/kg. The chloride remediation standard is considered to be 1,000 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.

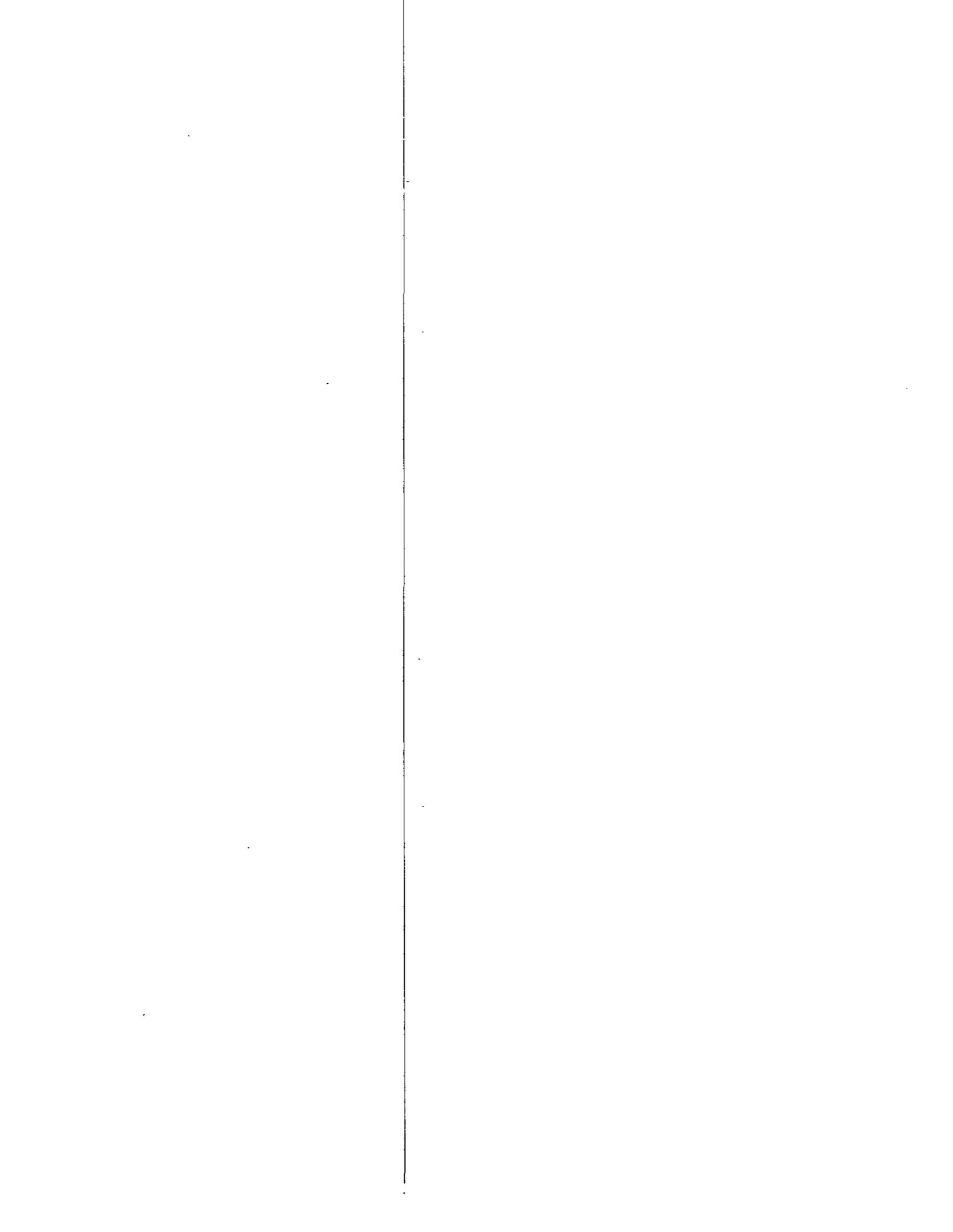
If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE

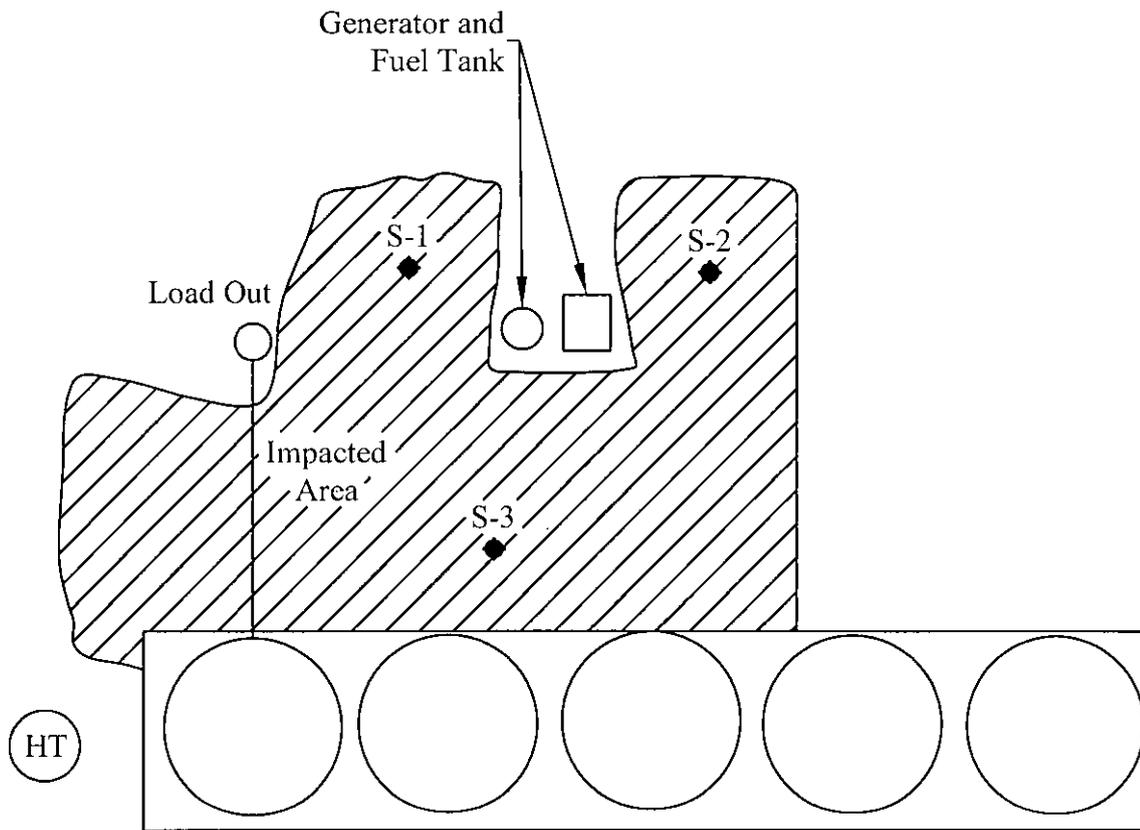

Kimberly M. Wilson
Project Manager


David Adkins
Project Manager



SITE MAP

|



Legend

◆ - Sample Location



Date: 01/28/2014

Scale: NTS

Drawn By: TJS

Trionyx 6 Fed #7
Devon Energy Corporation
Lea County, New Mexico
Figure 1 - Site Plan

APPENDIX I
GROUNDWATER DATA
NMOCD DISTRICT I STIPULATION



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 6	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<u>C 02568</u>			ED	4	3	1	01	25S	31E	619103	3558892*	2944	1025		
<u>C 02570</u>			ED	4	2	4	02	25S	31E	618704	3558489*	3261	895		
<u>C 02569</u>			ED	4	4	2	02	25S	31E	618699	3558891*	3335	1016		
<u>C 02572</u>			ED	4	2	2	02	25S	31E	618695	3559294*	3455	852		
<u>C 02573</u>			ED	1	4	2	02	25S	31E	618499	3559091*	3579			
<u>C 02571</u>			ED	4	1	2	02	25S	31E	618292	3559294*	3836	860		
<u>C 02574</u>			ED	1	1	2	02	25S	31E	618092	3559494*	4090			

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 621944

Northing (Y): 3558118

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.

Kimberly M. Wilson

From: Leking, Geoffrey R, EMNRD [GeoffreyR.Leking@state.nm.us]
Sent: Thursday, May 08, 2014 3:25 PM
To: Kimberly M. Wilson; Robertson, Jeffery
Cc: David Adkins
Subject: RE: Trionyx 6 Federal #7

Kim

Further vertical delineation is requested at S3 for chloride as the concentration increased to over the 1000 ppm RRAL in the bottom sample at this location at a depth of 3 feet. Only excavating to 1.5 feet will miss this contamination and possibly additional contamination above 1000 ppm at depth. If you would like, excavate past 3' at this area and then field test and see where you are with the chloride concentration. Please contact me if you have questions. Thanks Kim.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leking@state.nm.us

From: Kimberly M. Wilson [<mailto:kwilson@talonlpe.com>]
Sent: Wednesday, May 07, 2014 1:42 PM
To: Robertson, Jeffery; Leking, Geoffrey R, EMNRD
Cc: David Adkins
Subject: FW: Trionyx 6 Federal #7

Gentleman,

Can you please look at this work plan for the above referenced release. Devon would like us to move on this as soon as possible.

Kimberly M. Wilson
Project Manager
Talon/LPE
408 West Texas Avenue
Artesia, New Mexico 88210
Office: 575.746.8768
Fax: 575.746.8905
Cell: 575.602.3826
Emergency: 866.742.0742
Email: kwilson@talonlpe.com
Web: www.talonlpe.com



APPENDIX II
LABORATORY RESULTS



May 22, 2014

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

RE: TRIONYX 6 FED. #7

Enclosed are the results of analyses for samples received by the laboratory on 05/16/14 11:15.

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,

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

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:	05/16/2014	Sampling Date:	05/14/2014
Reported:	05/22/2014	Sampling Type:	Soil
Project Name:	TRIONYX 6 FED. #7	Sampling Condition:	** (See Notes)
Project Number:	700794.087.01	Sample Received By:	Jodi Henson
Project Location:	P-S6-T25S-R32E		

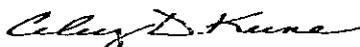
Sample ID: S-3 3.5' (H401504-01)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/20/2014	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

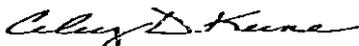
Notes and Definitions

- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

FINAL C-141

