

Incident ID	nSAD1402255331
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 7/19/2023
email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Ashley Maxwell Date: 7/25/2023
Printed Name: Ashley Maxwell Title: Environmental Specialist

ADDENDUM

Location name: TRIONYX 6 FEDERAL 007H

OCD Spill Numbers: nSAD1402255331 and nJK1534948142

Spill date: 1/13/2014

From: Dale Woodall, Devon Energy

Date: 7/19/2023

It appears there were two incidents reported for the same spill

The two incidents are nSAD1402255331 and nJK1534948142. The submitted report was approved for closure for spill nJK1534948142.

I respectfully request that spill nSAD1402255331 be closed too unless the OCD finds that the report submitted is deficient.

Dale Woodall

Environmental Professional

Devon Energy

575-748-1838

dale.woodall@dvn.com



HOBBS OCD

JUN 12 2014

RECEIVED

June 11, 2014

AMARILLO
921 North Blvins
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 575.748.8768
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 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

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

Toll Free: 866.742.0742
www.talonlpe.com

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

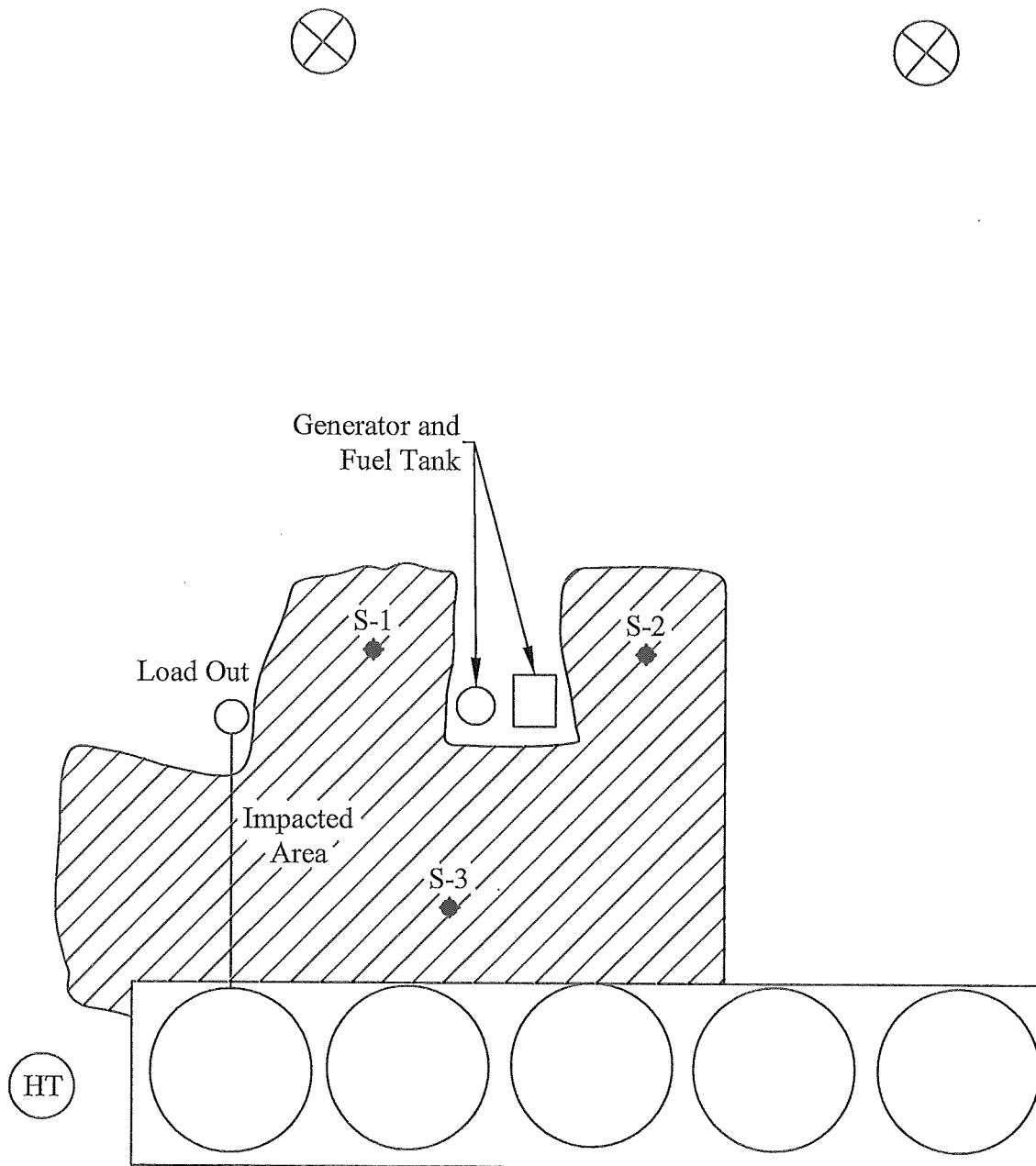


Kimberly M. Wilson
Project Manager

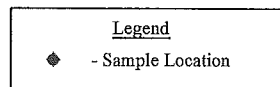


David Adkins
Project Manager

SITE MAP



NTS
Scale in Feet



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

2/10/14 2:38 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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



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

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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/16/2014
 Reported: 05/22/2014
 Project Name: TRIONYX 6 FED. #7
 Project Number: 700794.087.01
 Project Location: P-S6-T25S-R32E

Sampling Date: 05/14/2014
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

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

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

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

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

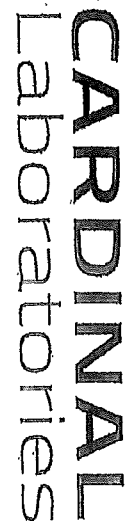
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

[illegible]

FINAL C-141

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

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

District I
1625 N French Dr., Hobbs, NM 88240
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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 P	Section 6	Township 15S	Range 32E	Feet from the 200'	North/South Line South	Feet from the 685'	East/West Line East	County LEA
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NATURE OF RELEASE

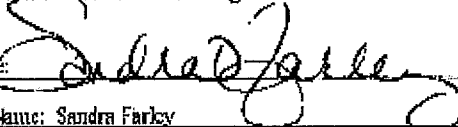
Type of Release: Produced Water	Volume of Release: 10 bbls Oil	Volume Recovered: 2 bbls Oil
Source of Release: Mechanical failure: Land line valve left open	Date and Hour of Occurrence 1/13/14; 2:45 pm	Date and Hour of Discovery 1/13/14; 2:45 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If Yes, To Whom? NMOCD / Geoffrey Lelking	
By Whom? Joe Willes Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date and Hour 1/13/14 If Yes, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* On January 16, 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.

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Printed Name: Sandra Farley	Approved by District Supervisor:	
Title: Admin Field Support	Approval Date:	Expiration Date:
Date: 6/3/2014 Phone: 575-746-5587	Condition of Approval:	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

Incident ID	nSAD1402255331
District RP	
Facility ID	
Application ID	

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Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 7/19/2023
email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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side of form

PJXK1534948221

Release Notification and Corrective Action

OPERATOR



Initial Report



Final Report

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Address: P. O. Box 250 Artesia, NM 88211	Telephone No.: 575-513-0628
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Surface Owner: Federal	Mineral Owner:	API #: 30-025-40047
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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

RECEIVED

March 5, 2014

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

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

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:

Background Information

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.

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

Toll Free: 866.742.0742
 www.talonlpe.com

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.

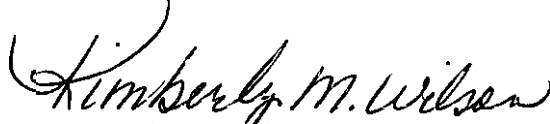
Proposed Remedial Actions

- 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



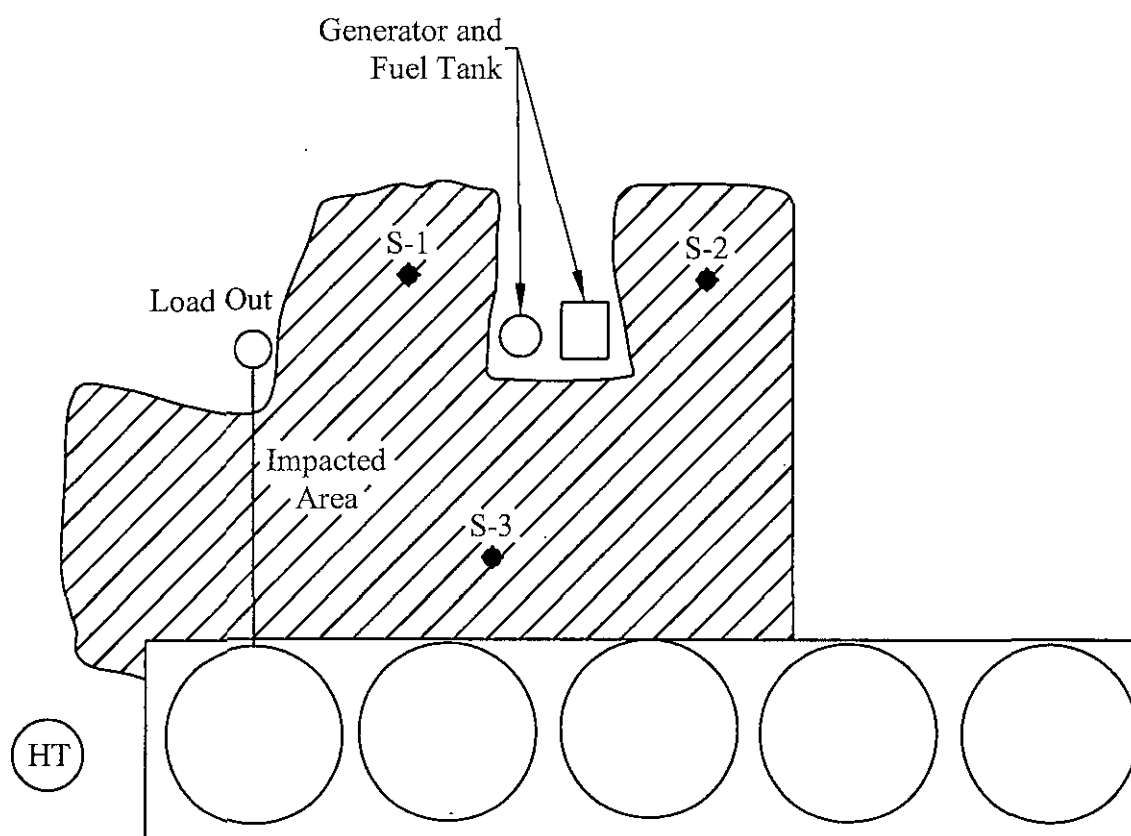
David Adkins
Project Manager

Cc.
Jeffery Robertson, BLM

)

|

APPENDIX I
SITE MAP



NTS
Scale in Feet

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

3



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

2/10/14 2:38 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 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

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* = 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



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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-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



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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-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

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

Notes and Definitions

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

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

Page 6 of 6



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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2014
 Reported: 03/04/2014
 Project Name: TRIONYX 6 FED. #7
 Project Number: 700794.087.01
 Project Location: P-S6-T25S-R32E

Sampling Date: 02/25/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

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



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Analytical Results For:

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

Received: 02/27/2014
 Reported: 03/04/2014
 Project Name: TRIONYX 6 FED. #7
 Project Number: 700794.087.01
 Project Location: P-S6-T25S-R32E

Sampling Date: 02/25/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

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	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

*—Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Cardinal/LLE</u>		P.O. #: <u>BLH-10</u>		ANALYSIS REQUEST	
Project Manager: <u>Valerie LLE</u>		Company: <u>Valerie</u>			
Address: <u>408 W. 2nd St.</u>		Attn: <u>Valerie</u>			
City: <u>Alameda</u>		Address: <u>Valerie</u>			
Phone #: <u>575-746-8968</u>		City: <u>Alameda</u>			
Fax #: <u>575-746-8905</u>		State: <u>NM</u>			
Project #: <u>70027408201</u>		Zip: <u>88240</u>			
Project Name: <u>Trinity 65d #7</u>		Project Owner: <u>Decon</u>			
Project Location: <u>Gr. County</u>		Phone #: <u></u>			
Sampler Name: <u>G. Barea</u>		Fax #: <u></u>			
FOR LAB USE ONLY		MATRIX		PRESERV. SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER
				SOIL	OIL
				SLUDGE	OTHER:
				ACID/BASE:	ICE/COOL
				OTHER:	
				DATE	TIME
H400005	18-2-7	1	1	2-25-14	1:35
	28-1-0	1	1	1:42	1
	33-7-3	1	1	1:52	1
	48-3-7	1	1	2:34	1
	58-3-2	1	1	2:41	1
	68-3-3	1	1	2:48	1
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and claims are exclusive remedy for any claim arising out of or related to the use of the services provided by Cardinal. Cardinal shall not be liable for any claim arising out of or related to the use of the services provided by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>					
Relinquished By: <u>[Signature]</u>		Received By: <u>[Signature]</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished Date: <u>8/23/14</u>		Relinquished Time: <u>2:53</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Delivered By: (Circle One) <u>ye</u>		Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <u>[Signature]</u>	
Sampler - UPS - Bus - Other: <u>ye</u>		Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

† Cardinal cannot accept verbal changes. Please Fax written changes to 575-393-2476

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 P	Section 6	Township 25S	Range 32E	Feet from the 200	North/South Line South	Feet from the 685	East/West Line East	County 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@dv.com	Conditions of Approval:	
Date: 01.14.2014 Phone: 575.746.5587	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary



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

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

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

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

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

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

June 11, 2014

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

HOBBS OCD

JUN 12 2014

RECEIVED

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

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.

Background Information

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.

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.

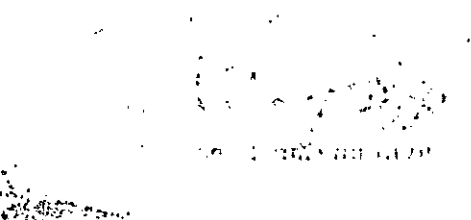
The ranking for this site is 0 based on the as following:

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

approved NFA required
Geoffrey Leking
Environmental Specialist
NMOC-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

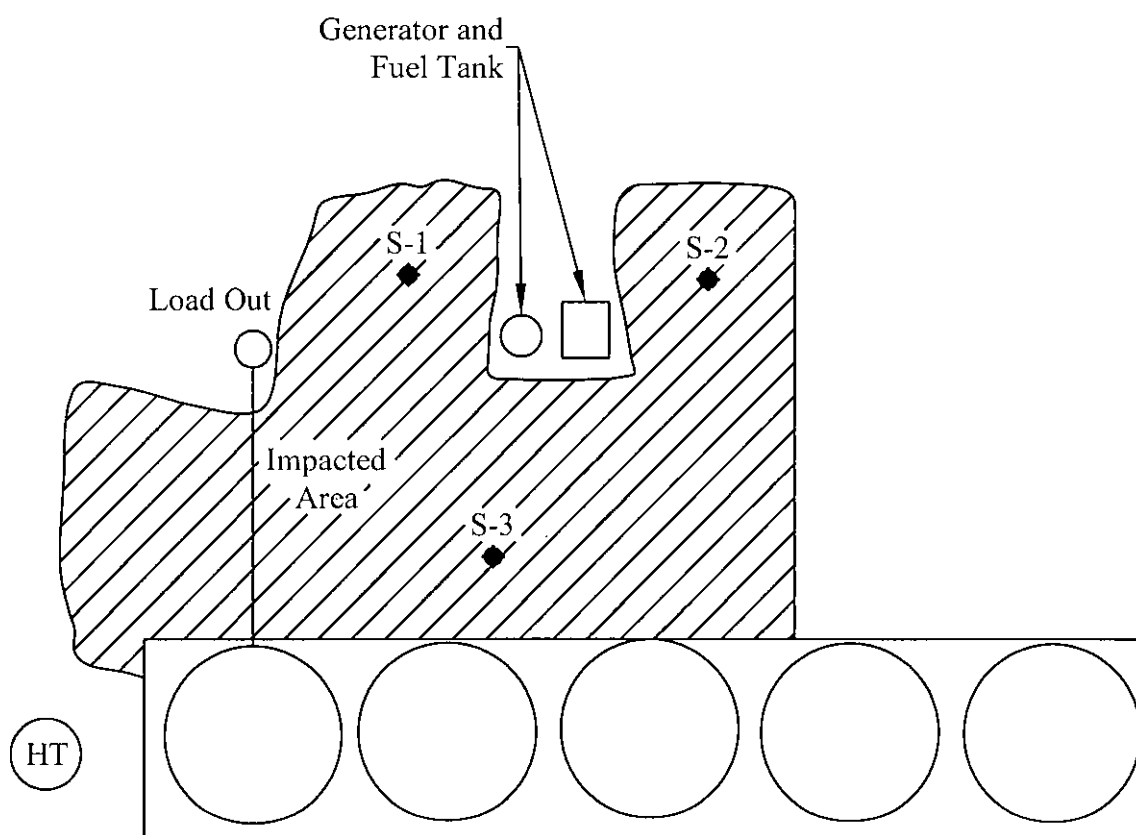


Kimberly M. Wilson
Project Manager

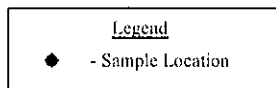


David Adkins
Project Manager

SITE MAP



Scale in Feet



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

2/10/14 2:38 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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



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

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 "Coley D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/16/2014
 Reported: 05/22/2014
 Project Name: TRIONYX 6 FED. #7
 Project Number: 700794.087.01
 Project Location: P-S6-T25S-R32E

Sampling Date: 05/14/2014
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

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

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, reading "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



BILTO

ANALYSIS REQUEST

4. Continual prompt against verbal rhyming. Place a box for written rhyming to 15/11 2023 2025

ADDENDUM

Location name: TRIONYX 6 FEDERAL 007H

OCD Spill Number: nSAD1402255331

Spill date: 1/13/2014

From: Dale Woodall, Devon Energy

Date: 7/19/2023

Since the TALON report for the above referenced spill was written, there has been an update in the status of the POD for the location.

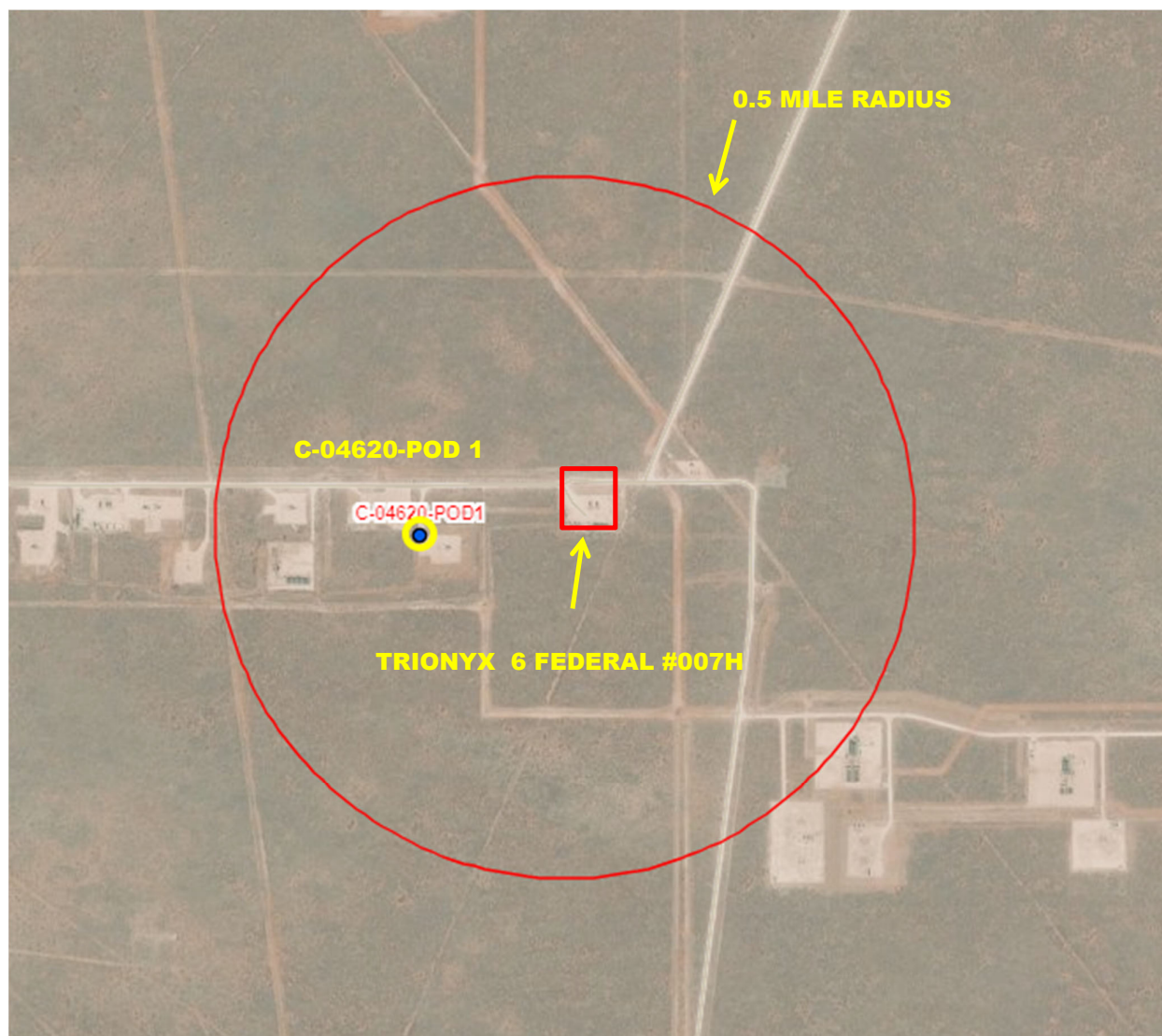
A review of New Mexico Office of the State Engineers (OSE) online water well database (New Mexico Office of the State Engineer (NMOSE) online water well database https://gis.ose.state.nm.us/gisapps/ose_pod_locations/).

One pod location is within 0.5 miles of the location and is less than 25 years old.

CP-04620 POD 1 (installed 6/1/2022) did not encounter groundwater at 55 feet and is 0.25 miles west of the location

The spill was remediated to criteria for DTW of greater than 51 feet bgs.

Boring log of the well CP-04620 POD1 is attached.



C-04620- POD1 (55 feet) = 0.435 miles from location (6/1/2022)

FIGURE 1: NM OSE POD LOCATIONS	
TRIONYX 6 FEDERAL #007H	
32.1525841,-103.7080307	
drawn by: RDW	Date: 07/2023

SOURCE: OSE NM POD LOCATON GIS MAP



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER


www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4620		
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838		
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	
					ZIP 88210		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 9	SECONDS 7.46	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE 103	42	43.84	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE NW NE Sec.7 T25S R32S NMPM							
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.	
	DRILLING STARTED 6/1/2022		DRILLING ENDED 6/1/2022		DEPTH OF COMPLETED WELL (FT) Temporary Well	BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 6/6/2022
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
	0 55		±6.5	Boring-HSA	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	C-4620	POD NO.	POD1	TRN NO.	725955
LOCATION	25S 32E 4 4.34	WELL TAG ID NO.	NA	PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	6	6	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y ✓ N	
	6	19	13	Sand, Fine-grained, poorly graded, unconsolidated, 7.5 YR 7/6, Reddish Yellow	Y ✓ N	
	29	55	36	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 7.5/6, Brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.					
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 22 Cotton Draw Unit 252H <div style="text-align: right;">OSE DIT JUN 10 2022 AM 9:24</div>					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  Jackie D. Atkins SIGNATURE OF DRILLER / PRINT SIGNEE NAME </div> <div style="text-align: center;"> 6/9/2022 DATE </div> </div>					

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	C-4620	POD NO.	POD1	TRN NO.	725955
LOCATION	255 322 6	4.3.4	WELL TAG ID NO.	NA	PAGE 2 OF 2

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 242202

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 242202
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	7/25/2023