nSAD1402255331

### Incident ID 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	ing items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.2	29.11 NMAC
Photographs of the remediated site prior to backfill or pho	tos of the liner integrity if applicable (Note: appropriate OCD District office
must be notified 2 days prior to liner inspection	
☐ I aboratory analyses of final sampling (Note: appropriate)	ODC District office must be notified 2 days prior to final sampling)
	ODE District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file of may endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and human health or the environment. In addition, OCD acceptance compliance with any other federal, state, or local laws and/or re-	ertain release notifications and perform corrective actions for releases which the of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, the of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete.
Printed Name: Dale Woodall_	Title: EHS Professional
	Date: 7/19/2023
email:dale.woodall@dvn.com	Telephone: 405-318-4697
OCD Only	
<del></del>	Datas
Received by:	Date:
	arty of liability should their operations have failed to adequately investigate and face water, human health, or the environment nor does not relieve the responsible and/or regulations.
Closure Approved by: Ashley Maxwell	Date: 7/25/2023
Closure Approved by: Ashley Maxwell  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

June 11, 2014

**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

RECEIVED

**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

Remediation and Closure Report Subject:

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 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°

MMOCD-DIST 1

6/12/14

**ENVIRONMENTAL CONSULTING ENGINEERING** DRILLING CONSTRUCTION SPILL MANAGEMENT GENERAL CONTRACTING

> Toll Free: 866,742,0742 www.talonipe.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		San Aus

<sup>--</sup> 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

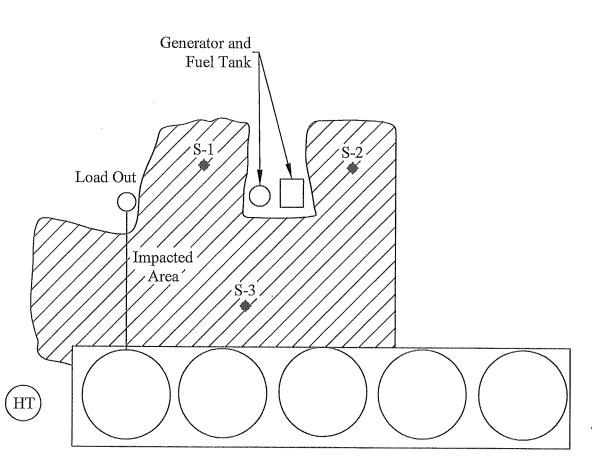
David Adkins

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 Sub-	Q	Q	Q							Depth	Depth Water
POD Number	Code basin County	64	16	4	Sec	Tws	Rng	X	Υ	Distance		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	258	31E	618699	3558891*	3335	1016	
C 02572	ED	4	2	2	02	258	31E	618695	3559294*	3455	852	
C 02573	ED	1	4	2	02	258	31E	618499	3559091*	3579		
C 02571	ED	4	1	2	02	258	31E	618292	3559294*	3836	860	
C 02574	ED	1	1	2	02	258	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 [Geoffrey R.Leking@state.nm.us]

Sent: To: Thursday, May 08, 2014 3:25 PM 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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accredited certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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: Project Location: 700794.087.01 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, SM4500CI-B	mg	/kg	Analyze	d 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 fiability 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 walved 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.

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



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 waited 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 profis 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 claims 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.

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

\* Cardinal rannot arrant verbal channes Diesce for uniffen channes to 12761 202 998



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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Соптрату Кате: Те	alon/LPE	,	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		1	
Project Manager: 🗡	D. I	Macs	P.Q. 带			
Address: 408 W.	Texas Ave.		Company: Talon/LPE	m 		
city: Artesia		Zip: 88210	Aftn:			•
Phone #: 575-746-8768	6-8768 Fax #: 575-746-8905	746-8905	Address:			
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Page 4 of 4

### FINAL C-141

Form C-141

Revised March 17, 1999

<u>District I</u> 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

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

Attached

#### Release Notification and Corrective Action **OPERATOR** Initial Report Final Report Name of Company: **Devon Energy** Contact: Tracy Kidd Address: P.O. Box 250 Telephone No.: 575-513-0628 Artesia, NM 88211 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 Feet from the Section Township North/South Line Feet from the Range East/West Line County P 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 Date and Hour of Discovery 1/13/2/14; 1/13/14; 2:45 pm 2:45 pm Was Immediate Notice Given? If YES, To Whom? NMOCD / Geoffrey Leking By Whom? Joe Wilks Date and Hour: 1/13/14 Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No 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. OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Sandra Farley Title: Admin Field Support Approval Date: Expiration Date:

Conditions of Approval:

\* Attach Additional Sheets If Necessary

Phone: 575-746-5587

Date: 6/3/2014

District!
1625 N French Dr., Hobbs, NM 88240
District!
1301 W. Grand Avenuc, Artesia, NM 88210
District!!!
1000 Rio Brazos Rand, Nator, EM 37410
District!V
1220 S. St. Francis Dr., Sarks Fs. NM 87505

### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Pormi C-141 Recised March 17, 1999

Submit 2 Copies to appropriate Discier Office in accordance with Rule 116 on Each yide at form

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Page 19 of 91

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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  Signature: Dale Woodall  Date: 7/19/2023  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:

Form C-141

Final Report

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

**OPERATOR** 

P5XX1534948221 Revised March 17, 1999

Initial Report

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

### **Release Notification and Corrective Action**

Name of 0	Company	z: Devon l	Energy		(	Contact: Tracy Kidd							
Address:	P. O. Bo	x 250			-	Telephone	No.: 575-:	513-00	528				
Artesia, N	M 88211					_							
Facility N	ame: Tr	ionyx 6 Fe	ederal 7	& 8	I	Facility T	ype: Oil We	ell					
Surface O	unor E	adaral		Mineral	Ouma		<del></del>		A DI #	30-025-40047			
Surface O	wher. r	ederai		Millerar	Owne	1.			Ari#.	30-023-40047			
				LOCA	ATION	OF RE	LEASE						
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	1	Vest Line	County			
P	6	25S	32E	200'	South		685'	East		LEA			
	l		1	NAT	······································	OF REL	EASE						
Type of Rele	ase: Produ	ced Water		11281	CILL		Release – 10 bbl	s Oil	Volume F	Recovered – 2 bbls Oil			
			re: Load	line valve left op	en	Date and I-	lour of Occurrence		Date and	Hour of Discovery 1/13/2/14;			
337 7 1	. N:	7* 0				1/13/14; 2:	45 pm Whom? NMO	CD (C)	2:45 pm	•			
Was Immedia	ite Notice (		Yes [	No Not Re	equired	11 YES, 10	wnom? NMO	CD/Ge	offrey Lek	ung			
By Whom?	Joe Wilks						lour: 1/13/14						
Was a Water	course Reac			1		If YES, Volume Impacting the Watercourse.							
			Yes 🛚										
If a Watercou	irse was Im	pacted, Descr	ibe Fully.	k									
										aking due to corrosion causing a			
							ation and recover feet long by 15 to			ow line was isolated, drained of			
										ation S-1 was excavated with a			
backhoe to a	depth of 1-	foot deep and	the impa	cted soil in the v	icinity of	sample loca	ition S-3 was exc	avated v	with a back	thoe to a depth of 3.5-feet deep.			
										areas were backfilled with new			
						I along with a site map and groundwater data for the area. The soil testing results are excavation. No further actions are required							
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	lete to th	the best of my knowledge and understand that pursuant to NMOCD rules and							
						e notifications and perform corrective actions for releases which may endanger							
						the NMOCD marked as "Final Report" does not relieve the operator of liability diate contamination that pose a threat to ground water, surface water, human health							
										ompliance with any other			
federal, state,	or local lay	ws and/or regu	ılations.										
							OIL CON	<u>SERV</u>	<u>ATION</u>	<u>DIVISION</u>			
Signature:													
						Approved by	District Supervi	isor:					
Printed Name	e: Sandra F	arley					•	<u> </u>					
Title: Admir	Field Supp	oort	·			Approval Dat	te:	l	Expiration 1	Date:			
Date: 6/2/20		Phone: 575	746.5597			Conditions of	f Annroyal:			Attached			
Date: 6/3/20	/14	1 HOHE. 3/3	- 140-220 /			Conditions of	прриочан.			<u></u>			



**HOBBS OCD** 

March 5, 2014

MAR 1 0 2014

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 RECEIVED

ARTESIA

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

Subject: Soil Assessment and Remediation Work Plan

Trionyx 6 Federal No. 7 API #: 30-025-40047

Devon Energy

HOBBS

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

Dear Mr. Leking,

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

OKLAHOMA CITY
7700 North Hudson Ave
Suite 10
Oklahoma City, Oklahoma 73116
Phone 405.486.7030
Fax 806 467.0622

### **Background Information**

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

Fax 210.568.2191

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 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

Toll Free: 866,742,0742 www.talonipe.com ٦٠٠٠

### **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		

<sup>--</sup> 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 recontoured.
- 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

M. Wilson

Project Manager

David Adkins

Project Manager

Cc.

Jeffery Robertson, BLM

Released to Imaging: 7/25/2023 9:00:19 AM

### APPENDIX I

### SITE MAP



<u>Legend</u>
- Sample Location

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 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 Sub-	Q	Q	Q							Dépth	Depth Water
POD Number	Code basin County	64	16	4	Sec	Tws	Rng	X	Y	Distance	Well	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	258	31E	618699	3558891* 🚱	3335	1016	
C 02572	ED	4	2	2	02	258	31E	618695	3559294* 🚱	3455	852	
C 02573	ED	1	4	2	02	258	31E	618499	3559091* 🚱	3579		
C 02571	ED	4	1	2	02	258	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.

### APPENDIX III LABORATORY RESULTS



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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accredited accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accredited a

Cardinal Laboratories is accreditated 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Fax To:

Received:

01/15/2014

Reported:

01/21/2014 TRIONYX 6 FED. #7

Project Name: 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		Analyze	d By: MS		<del> </del>			
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	ИD	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 9	6 89.4-12	6				**		
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	B5	% 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 % 65.2-14		0							
Surrogate: 1-Chlorooctadecane	78.5	% 63.6-15	4						

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Ubility and Danages. Cardinal's lability and client's exclusive remedy for any claim arising, whether based in contract or toot, 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 waited unless made in writing and received by Cardinal within thirty (20) days after completion of the applicable service. In no event shall Cardinals be lable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutes or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless or 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. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 6



### 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: Project Number: TRIONYX 6 FED. #7 700794.087.01

Project Location:

P-\$6-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	Qualifie
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 %	6 89.4-12	6						
Chloride, SM4500CI-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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	80.7	% 63.6-15	4						

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Diamages. Cardinal's liability and dient's exclusive rementy 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 walked unless made in writing and neceived by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be table for incidental or consequential chamages, including, without finitions, business informations, loss of use, or loss of profits incurred by Clerkin, its substitations, and the performance of the services hereunder by Cardinal, regardless of whether such claims 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 right with written approval of Cardinal Laboratories.

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 6



### Analytical Results For:

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

Fax To:

(575) 745-8905

Received: Reported: 01/15/2014

01/21/2014

TRIONYX 6 FED. #7

Project Number: Project Location:

Project Name:

700794.087.01 P-S6-T25S-R32E Sampling Date:

01/15/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

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

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS			<u>,,,,,,</u>		
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 %	6 89.4-12	6						•
Chloride, SM4500CI-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	ŧ
Surrogate: 1-Chlorooctane	74.0	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	80.8	% 63.6-15	4 .						

Cardinal Laboratories

\*=Accredited Analyte

Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 6

ND



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

### **Notes and Definitions**

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Ct-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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardina'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 négligence and any other cause whitespeers shall be deemed waited 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, without limitation, budness Interruptions, loss of use, or loss of profits innured by client, its surface or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to 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. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 5 of 6

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-24

# CARDINAL

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Phone #: 575-746-8768 city: Artasia uddress: 408 W. Texas Ave roject Manager: Sampler - UPS - Bus - Other: roject Location: FOR LAB USE ONLY Delivered By: (Circle One) lethan 700 794.087.0 2-5 5-3 101 East Warland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 P-56-T265-0.6 20 Sample I.D. /LYE Project Owner: Devoh Fax #: 525-746-8905 Time: State: NM R32 6 क्ष (G)RAB OR (C)OMP. GROUNDWATER SLUDGE OTHER: Phoπe # State: City: Attn: Company: Talou/LPE P.O. #: Address: OTHER: BILL TO 11/15/14 11:32 11/15/14 11:32 감 DATE 45+ BTEX ANALYSIS

Page 6 of 6



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited accredited analytes are denoted by <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited analytes are denoted by <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field

Cardinal Laboratories is accreditated 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.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received:

02/27/2014

Reported:

03/04/2014

Project Name:

TRIONYX 6 FED. #7 700794.087.01

Project Number: Project Location:

P-S6-T25S-R32E

1650

16.0

03/04/2014

Sampling Date:

Sampling Type:

e:

Sampling Condition:

Sample Received By:

02/25/2014 Soil

Cool & Intact

Jodi Henson

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

Chloride, SM4500CI-B	mg	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	
						ŧ			
Sample ID: S-1 2' (H400	0605-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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' (H400	0605-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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' (H406	0605-04)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

### Cardinal Laboratories

Chloride

\*=Accredited Analyte

3.77

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ND

432

108

400

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



### Analytical Results For:

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

Received:

02/27/2014

Reported: Project Name: 03/04/2014 TRIONYX 6 FED. #7

Project Number: Project Location:

P-:

٦:

700794.087.01 P-\$6-T25S-R32E Sampling Date:

Sampling Type:

02/25/2014

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

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

Chloride, SM4500CI-B

Chloride

Chloride

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit

mg/kg

672

Result

1550

Analyzed 03/04/2014

Analyzed

03/04/2014

Method Blank ND BS 432 % Recovery

108

True Value QC 400

400

RPD 3.77 Qualifier

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

Chloride, SM4500Cl-B

Analyte

g Reporting Limit

16.0

16.0

Analyzed By: AP

Method Blank

ND

BS

432

% Recovery True Value QC

RPD 0.00

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 3 of 5



### **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. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5

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



101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project #: Project Manager: Company Name: , Sampler Name: Project Location: Sampler - UPS - Bus - Other: SOPICIAL H Delivered By: (Circle One) Lab I.D. 18-1 100 294 087.01 S (575) 393-2326 FAX (576) 393-2476 Triony x 6 End #7 746-8768 Fax #: 575-746-8905 Barza Sample I.D. m/LPE 02/23/14 Tige: 7 Project Owner: Lecon Date: Time: Received By: (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER Cool Intact WASTEWATER SOIL ATRIX SLUDGE State: City: P.O. #: OTHER: Phone #: Attn Company: Address - BILLE TO PRESERV OTHER: Zip: DATE SAMPLING 2.4/ 3,48 152 1.39 2.4.2 1.30 TIME ANALYSIS REQUEST

Page 5 of 5

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

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

	Release Notification and Corrective Action													
						OPERATOR   Initial Report   Final								
Name of Co	mpany De	von Energy	7			Contact Tracy Kidd								
Address PO						Telephone No. 575- 513.0628								
Facility Nan	ne: Triony	x 6 Fed 7 &	8			Facility Type Oil Well								
Surface Own	ner Federa	1		Mineral O	wner			API No	. 3002540047					
				LOCA	TIO	N OF REI	FASE	· · · · · · · · · · · · · · · · · · ·						
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/West Line	County					
P	6	25S	32E	200		South	685	East	Lea .					
· · · · · · · · · · · · · · · · · · ·			]	Latitude: 32.152	24569	Longi	tude:103.7075	59						
				NAT	URE	OF REL	EASE							
Type of Relea	ase Spill 1	Produced Wat	er			Volume of	Release 10bbls	Volume F	Recovered 2bbls					
				valve left open		_+	our of Occurrenc		Hour of Discovery 01.13.2014;					
Was Immedia	ite Notice (	_	Yes [	No Not Re	quired	If YES, To Whom?								
By Whom? Joe Wilks						Date and Hour 01.13.2014								
Was a Watercourse Reached?  ☐ Yes ☒ No						If YES, Volume Impacting the Watercourse. N/A								
If a Watercou	If a Watercourse was Impacted, Describe Fully.*													
N/A														
Describe Cau	se of Probl	em and Reme	dial Action	n Taken.*				· · · · · · · · · · · · · · · · · · ·						
Water hauler	driver faile	d to close load	l line valv	e after water pick	up. Val	lve closed and	2 bbls of the 10b	bls were recovered	by vac truck.					
Describe Are	a Affected	and Cleanup A	Action Tak	*					<u></u>					
Produced wa	ter spill ren	nained on loca	ation affec	ting 75ft x 10Ft, e				d 2bbls with vac tr	uck. Affected soil will be					
sampled, rem	oved and re	placed with f	resh soil. S	Sampling will be o	omplet	ed by Talon I	PE.							
									uant to NMOCD rules and					
									eases which may endanger					
should their o	or the envi	ronment. The ave failed to a	acceptant dequately	ce of a C-141 repor	π by tn mediat	e NMOCD m e contaminati	arked as "rinai Ro on that nose a thro	eport" does not reli	eve the operator of liability surface water, human health					
									ompliance with any other					
federal, state,														
Signature: Sandra Farley  OIL CONSERVATION DIVISION									DIVISION					
Signature: So	undra 1	-arley												
Printed Name	: Sandra F	arley				Approved by Environmental Specialist:								
Title: Field A	dmin Sup	oort				Approval Dat	e:	Expiration 1	Date:					
E-mail Addre	ss: Sandy.	Farley@dvn.	com			Conditions of	Attached							
Date: 01.14.2	2014		Phone	: 575.746.5587										

<sup>\*</sup> Attach Additional Sheets If Necessary



June 11, 2014

JUN 1 2 2014

HOBBS OCD

RECEIVED

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

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

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Mr. Geoffrey Leking NMOCD District I 1625 N. French Dr.

Hobbs, NM 88240

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 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 Specialist

NMUCD-DIST I

Toll Free: 866.742.0742

### **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		

<sup>--</sup> 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,

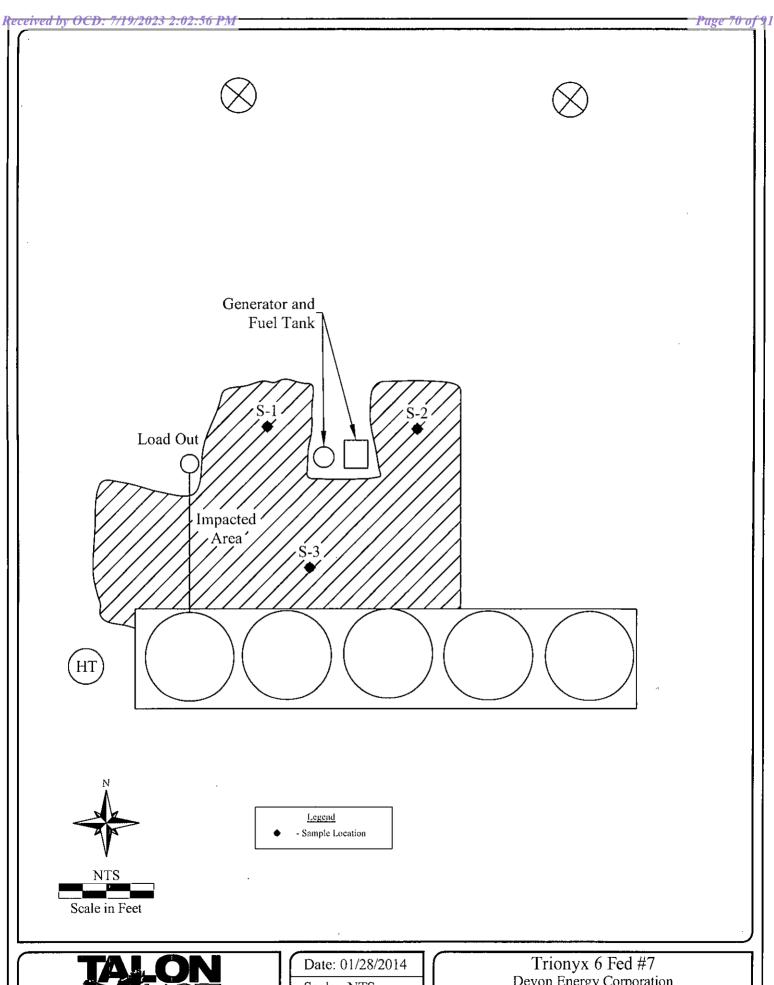
TALON/LPE

Kimberly M. Wilson Kimberly M. Wilson

Project Manager

David Adkins Project Manager

# SITE MAP





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

(NAD83 UTM in meters)

(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

(quarters are 1=NW 2=NE 3=SW 4=SE)

closed) (quarters are smallest to largest)

(In feet)

	POD Sub-	Q	O	O				· · · · · · · · · · · · · · · · · · ·	`		Denth	Depth Water
POD Number	Code basin County				Sec	Tws	Rng	x	Y	Distance	-	Water Column
C 02568	. ED	4	3	1	01	25S	31E	619103	3558892* 🚱	2944	1025	
C 02570	ED	4	2	4	02	25\$	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	258	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	<b>25</b> S	31E	618092	3559494* 🚱	4090		
Average Depth to Water												

Average Depth to Water:

Minimum Depth: --

Maximum Depth:

**Record Count: 7** 

UTMNAD83 Radius Search (in meters):

Easting (X): 621944

Northing (Y): 3558118

Radius: 5000

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.

<sup>\*</sup>UTM location was derived from PLSS - see Help

## Kimberly M. Wilson

From: Leking, Geoffrey R, EMNRD [GeoffreyR.Leking@state.nm.us]

**Sent**: Thursday, May 08, 2014 3:25 PM 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: <a href="mailto:kwilson@talonlpe.com">kwilson@talonlpe.com</a> Web: <a href="mailto:www.talonlpe.com">www.talonlpe.com</a>



# 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 <a href="https://www.tceq.texas.gov/field/qa/lab-accred-certif.html">www.tceq.texas.gov/field/qa/lab-accred-certif.html</a>.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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

Page 1 of 4



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: Reported: 05/16/2014

05/22/2014

Project Name: Project Number: TRIONYX 6 FED. #7 700794.087.01

Project Location:

P-S6-T25S-R32E

Sampling Date:

05/14/2014

Sampling Type:

Sampling Condition: Sample Received By: \*\* (See Notes)

Jodi Henson

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

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



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

### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

Relative Percent Difference RPD

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

\*=Accredited Analyte Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Celey D. Keine

Page 3 of 4



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By:  Clircle One)  Sampler • UPS • Bus • Other:	resource in the second and entire the contract and any state or states. At other backers for neglecture and any other states in the entire state of the contract of the cont		1 5-3 3	Lab I.D. Sample I.D.	Sampler Name: KEN WO	riemy	Phone #: 575-746-8768 Project #: 7/10794, 087-01		Arthress: AOR W Tayas AVE	Company Name: Talon/LPE	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Time: Herocepted the Coop Interest No.	Easyer. At data the character of any chire terms contain make the street make treet and the treet at the product of any chire of any chire can be carried which chire the product of any chire can be cause whitement that be found which chire at the contains this best of any chire of the cancel of any chire of the special series whitement and be chired white the chired to the of a series of path beared by client described at a special series a string out of the related to the production, bearing to Confid, any client described the other any of the board at the related to the chired to Confid, any client described the other any of the board at the related to the chired to Confid, any client described the other and the chired terms of the chired to Confid, any client described the chired to the chired to the chired to the chired the chired to the chired to the chired the chired the chired to the chired to the chired to the chired the chi		GF W/	)RAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER	Alexand I I Marsh	6 Fed # Vellor	Project Owner: 2005	State: NM Zp: 88210	M. Wilson		Hobbs, NM 88240 X (575) 393-2476
CHECKED BY:	to the control of the second o	the first shall be first shall be shall	AC IC		Fax #:	Zip:	Address:	1 1	Company: Talon/LPE	BIULTO	
	lo (Add'! Phone #:									ANALYSIS REQUEST	

Page 4 of 4

### **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.

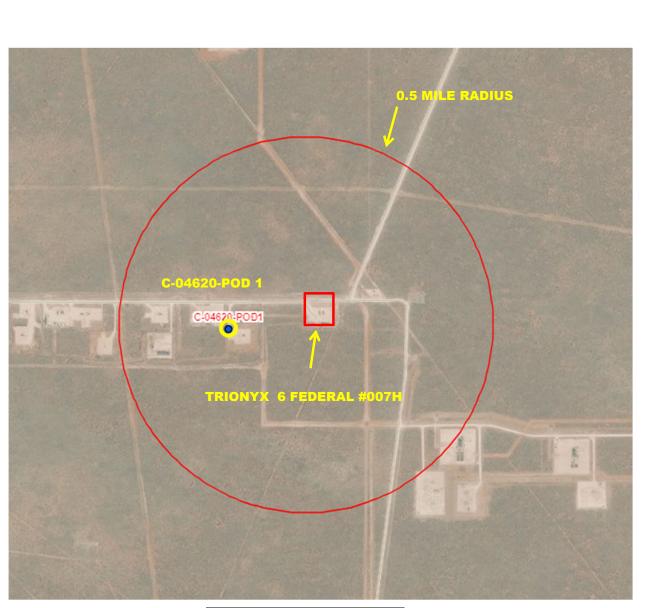
A review of New Mexico Office of the State Engineers (OSE) online water well database (New Mexico Office of the State Engineer (NMOSE) online water well database https://gis.ose.state.nm.us/gisapps/ose\_pod\_locations/).

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

 **SOURCE: OSE NM POD LOCATON GIS MAP** 



	OSE POD NO.		D.)		WELL TAG ID NO.			OSE FILE NO	(S).						
GENERAL AND WELL LOCATION	POD 1 (TW	7-1)			N/A			C-4620							
ATI	WELL OWNE	-	3)		PHONE (OPTIONAL)										
00	Devon Ener	gy			575-748-18	38									
TT	WELL OWNE							CITY			TATE		ZIP		
WEI	6488 7 Riv	ers Hwy						Artesia		N	IM S	88210			
(D)		T	D	EGREES	MINUTES	SECOND	s								
L A	WELL SECONDS SECONDS LATITUDE 32 9 7.46 N								Y REQUIRED: O	NE TENTH	OF A SECO	ND			
RA	(FROM GPS	5)		103	42	43.84		* DATUM REQUIRED: WGS 84							
ENE	DESCRIPTION OF THE PROPERTY OF		ONGITUDE	O COMPLETE A P.D.	PECS 13D CO1 0 103		WC DIG	C (CECTION TV	MAJOUTUR RAN	CE) HHER	E AMAII AI	DI E			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIJE  NE NW NE Sec.7 T25S R32S NMPM											E AVAILAI	<b>DLE</b>			
	LICENSE NO.		NAME OF LICENSEI	DRILLER					NAME OF W	ELL DRILL	ING COMP	ANY			
	124	9			Jackie D. Atkins				Atk	ins Engine	eering Ass	ociates, Ir	ic.		
-	DRILLING ST	ARTED	DRILLING ENDED	DEPTH OF CO	OMPLETED WELL (FT	) E	ORE HO	LE DEPTH (FT)	DEPTH WA	TER FIRST	ENCOUNT	ERED (FT)			
	6/1/20	)22	6/1/2022	Те	emporary Well		:	±55			N/A				
7	COMPLETED	WELL IS:	ARTESIAN	✓ DRY HO	LE SHALLOV	W (UNCON	FINED)		WATER LEVE MPLETED WELL		DAT	DATE STATIC MEASURED 6/6/2022			
CASING INFORMATION	DRILLING FL	UID:	AIR	MUD	ADDITIVI	ES – SPECIF	Y:								
MA	DRILLING M	етнор. Г	ROTARY HAM	MER CAE	BLE TOOL V OTHE	R – SPECIE	y: F	Iollow Stem	Auger	CHECK HI	ERE IF PITL	ESS ADAP	TER IS		
OR			To the state of th						1	INSTALLE	ED				
Ž	DEPTH (	feet bgl)	BORE HOLE	CASING	CASING MATERIAL AND/OR GRADE			ASING	CASIN	IG	CASING		SLOT		
ING	FROM	TO	DIAM	(include each casing string, and				NECTION TYPE	INSIDE D			THICKNESS (inches)			
AS			(inches)	note	sections of screen)	(		ling diameter)	(inche	s)	(inch				
	0	55	±6.5		Boring-HSA			-							
DRILLING &									-						
III															
DR															
7.									- OSC C	HUE TH	10 202	2 mg:2	4		
						-			-	-					
				-		-			-						
				-					-						
=						_			-						
				+					_						
	DEPTH (	feet bgl)	BORE HOLE		IST ANNULAR SE					OUNT		METHO			
ANNULAR MATERIAL	FROM	TO	DIAM. (inches)	GRA	AVEL PACK SIZE-	KANGE E	Y INTE	KVAL	(cubi	c feet)		PLACEM	IEN I		
TE															
MA															
AR															
15N											_				
AN															
ь.				+					-		-				
	OSE INTERI					7			20 WELL RE	CORD &	LOG (Ver	sion 01/2	8/2022)		
	ENO.		11000			. POC	21	TRN	NO. +	259	55				
LOC	ATION	255	32E	4	4.34			WELL TAG	ID NO.	NA		PAGE	1 OF 2		

												10.75	
	DEPTH (	feet bgl)	THICKNESS				MATERIAL E				WA' BEAR		ESTIMATED YIELD FOR
	FROM TO (feet) INCLUDE WATER-BEARING CAVITIES OR FRACT (attach supplemental sheets to fully describe all									8	(YES		WATER- BEARING ZONES (gpm)
-	0	6	6	Sar	nd, Fine-	grained, poo	rly graded, 2.5 Y	YR 3/6, D	ark Red		Y	✓ N	
_	6	19	13	Sand, Fine-gra	ined, po	orly graded,	inconsolidated,	7.5 YR 7	/6, Reddish Y	ellow	Y	√ N	
	29	55	36	Sand, Fin	ne-graine	d, poorly gra	ded, with Calicl	he, 7.5 YI	R 75/6, Brown	1	Y	√N	
											Y	N	
											Y	N	
ı,											Y	N	
4. HYDROGEOLOGIC LOG OF WELL											Y	N	
OF											Y	N	
90											Y	N	
CL											Y	N	
90°											Y	N	
EOI											Y	N	
ROG											Y	N	
E									-		Y	N	
4. H											Y	N	
											Y	N	
											Y	N	
											Y	N	
											Y	N	
				<u> </u>	-					-+	Y	N	
											Y	N	
	METHOD I	ISED TO ES	TIMATE YIELI	OF WATER-F	BEARIN	G STRATA:				TOT	AL ESTIN		
	PUM		IR LIFT	BAILER	_	THER – SPE					L YIELI		0.00
NO	WELL TES	T TEST STAR	RESULTS - ATT T TIME, END TI	TACH A COPY IME, AND A TA	OF DAT	TA COLLEC	TED DURING ISCHARGE AN	WELL T	ESTING, INC	CLUDII ER TH	NG DISC E TESTIN	HARGE I	METHOD, DD.
VISION	MISCELLA	NEOUS IN	FORMATION:										1
TEST; RIG SUPERV			FORMATION: T	emporary well elow ground st	materia urface(b	al removed ogs), then h	and soil boring ydrated bentor	g backfi	nea using ar s ten feet bgs	to su	ings from	m total de	eptn to ten feet
SO			2:	2 otton Draw U	nit 2521	<b>.</b>							
RIC			C	otton Diaw Ci	III 2521	•				ISE D	ALIC TIK	10 20	22 am9:24
EST	PRINT NAM	AE(S) OF D	RILL RIG SUPE	RVISOR(S) TH	AT PRO	VIDED ON	SITE SUPERVI	SION OF	WELL CON	STRU	CTION O	THER TH	HAN LICENSEE:
5. T	Shane Eldri	` '		KVISOK(S) III	ATTRO	VIDED ON	SITE SOLEK VI	SION OI	WELL CON	BIRO	crion	TILK II	MIT EICEINGEE.
	Share Eldi	uge, Came											
SIGNATURE	CORRECT	RECORD O	HEREBY CERTI OF THE ABOVE I	DESCRIBED H	OLE AN	ND THAT H	E OR SHE WIL	L FILE 7	GE AND BEL THIS WELL I	IEF, T	HE FORI	EGOING I	IS A TRUE AND ATE ENGINEER
NAT	01	· ·											
Jackie D. Atkins 6/9/2022													
9	· ·	SIGNAT	URE OF DRILLI	ER / PRINT S	SIGNEE	NAME		_				DATE	
					117 / 107								
	R OSE INTER	NAL USE	0.0				Don	Т		LL RE	CORD &	LOG (Ve	rsion 01/28/2022)
_	E NO.	2-4	e Co		1.		PODI	1	TRN NO.	7	750	155	T DA CE A CE A
LO	CATION	LS	5 322	9	4.	3.4		WELL	TAG ID NO.	(	717		PAGE 2 OF 2

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

### CONDITIONS

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