

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

OIL CONS. DIV DIST. 3

DEC 08 2014

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: XTO Energy, Inc.	Contact: Kurt Hoekstra	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100	
Facility Name: Ute Indians A # 21	Facility Type: Gas Well (Ute Dome Dakota)	
Surface Owner: Ute Mountain Tribe	Mineral Owner	API No.: 30-045-24608

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	34	32N	14W	935	FNL	980	FEL	San Juan

Latitude 36.94926 Longitude -108.29022

**NATURE OF RELEASE**

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 10-21-2014
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\* The below grade tank was removed at the Ute Indians A # 21 well site due to P & A of the location. The soil beneath the BGT was sampled for TPH via USEPA Method 8015 and 418.1, for BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for benzene, and total BTEX, but above the TPH Standard of 100 ppm via USEPA Method 418.1 at 471 ppm and the Chloride Standard of 250 ppm at 473 ppm via USEPA Method 300.0, confirming that a release has occurred at this location. The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 40 due to an estimated depth to groundwater of less than 50 feet, distance to a water well greater than 1000 feet, and distance to surface water less than 200 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.\* Based on TPH results of 84.6 ppm via USEPA Method 8015 and chloride results of 473 ppm via USEPA Method 300. All constituents are below the standards outlined in the Remediation of Leaks, Spills and Releases standards. No further action is required.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Kurt Hoekstra</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Kurt Hoekstra		Approved by Environmental Specialist: <i>Cory Smith</i>	
Title: EHS Coordinator		Approval Date: 1/8/15	Expiration Date:
E-mail Address: Kurt.Hoekstra@xtoenergy.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12-5-14 Phone: 505-333-3100			

\* Attach Additional Sheets If Necessary

#NCS 1500829235

⑩



## Analytical Report

### Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0495

Samples Received: 10/17/2014 3:40:00PM

Job Number: 98031-0528

Work Order: P410076

Project Name/Location: Ute Indians A #21

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 10/21/14

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 10/21/14 2:00 pm

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



XTO Energy Inc.  
382 CR 3100  
Aztec NM, 87410

Project Name: Ute Indians A #21  
Project Number: 98031-0528  
Project Manager: Kurt Hoekstra

Reported:  
21-Oct-14 14:03

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Cellar	P410076-01A	Soil	10/17/14	10/17/14	Glass Jar, 4 oz.

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382 CR 3100  
Aztec NM, 87410

Project Name: Ute Indians A #21  
Project Number: 98031-0528  
Project Manager: Kurt Hoekstra

Reported:  
21-Oct-14 14:03

**BGT Cellar**  
**P410076-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1442036	10/17/14	10/20/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1442036	10/17/14	10/20/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1442036	10/17/14	10/20/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1442036	10/17/14	10/20/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1442036	10/17/14	10/20/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1442036	10/17/14	10/20/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1442036	10/17/14	10/20/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %		50-150	1442036	10/17/14	10/20/14	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	ND	10.0	mg/kg	1	1442036	10/17/14	10/20/14	EPA 8015D	
Diesel Range Organics (C10-C28)	84.6	30.0	mg/kg	1	1443003	10/20/14	10/20/14	EPA 8015D	
Surrogate: o-Terphenyl		86.6 %		50-200	1443003	10/20/14	10/20/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		93.1 %		50-150	1442036	10/17/14	10/20/14	EPA 8015D	
<b>Total Petroleum Hydrocarbons by 418.1</b>									
Total Petroleum Hydrocarbons	471	34.9	mg/kg	1	1443014	10/20/14	10/20/14	EPA 418.1	
<b>Cation/Anion Analysis</b>									
Chloride	473	9.90	mg/kg	1	1443001	10/20/14	10/20/14	EPA 300.0	

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Aztec NM, 87410

Project Name: Ute Indians A #21  
Project Number: 98031-0528  
Project Manager: Kurt Hoekstra

Reported:  
21-Oct-14 14:03

**Volatile Organics by EPA 8021 - Quality Control**  
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1442036 - Purge and Trap EPA 5030A**

**Blank (1442036-BLK1)**

Prepared & Analyzed: 17-Oct-14

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							

Surrogate: 4-Bromochlorobenzene-PID 0.387 " 0.399 96.9 50-150

**LCS (1442036-BS1)**

Prepared & Analyzed: 17-Oct-14

Benzene	20.8	0.10	mg/kg	20.0		104	75-125			
Toluene	19.7	0.10	"	20.0		98.8	70-125			
Ethylbenzene	19.5	0.10	"	20.0		97.3	75-125			
p,m-Xylene	38.6	0.20	"	40.0		96.5	80-125			
o-Xylene	19.0	0.10	"	20.0		95.1	75-125			

Surrogate: 4-Bromochlorobenzene-PID 0.408 " 0.400 102 50-150

**Matrix Spike (1442036-MS1)**

Source: P410064-01

Prepared & Analyzed: 17-Oct-14

Benzene	19.2	0.10	mg/kg	19.9	ND	96.4	75-125			
Toluene	19.3	0.10	"	19.9	ND	97.0	70-125			
Ethylbenzene	19.5	0.10	"	19.9	ND	97.9	75-125			
p,m-Xylene	39.5	0.20	"	39.9	ND	99.0	80-125			
o-Xylene	19.6	0.10	"	19.9	ND	98.2	75-125			

Surrogate: 4-Bromochlorobenzene-PID 0.407 " 0.399 102 50-150

**Matrix Spike Dup (1442036-MSD1)**

Source: P410064-01

Prepared & Analyzed: 17-Oct-14

Benzene	19.3	0.10	mg/kg	20.0	ND	96.7	75-125	0.431	15	
Toluene	19.5	0.10	"	20.0	ND	97.9	70-125	1.03	15	
Ethylbenzene	19.6	0.10	"	20.0	ND	98.2	75-125	0.393	15	
p,m-Xylene	39.7	0.20	"	39.9	ND	99.4	80-125	0.472	15	
o-Xylene	19.7	0.10	"	20.0	ND	98.7	75-125	0.665	15	

Surrogate: 4-Bromochlorobenzene-PID 0.408 " 0.399 102 50-150

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XTO Energy Inc.  
382 CR 3100  
Aztec NM, 87410

Project Name: Ute Indians A #21  
Project Number: 98031-0528  
Project Manager: Kurt Hoekstra

Reported:  
21-Oct-14 14:03

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1442036 - Purge and Trap EPA 5030A</b>										
<b>Blank (1442036-BLK1)</b>				Prepared & Analyzed: 17-Oct-14						
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.353		"	0.399		88.5	50-150			
<b>LCS (1442036-BS1)</b>				Prepared & Analyzed: 17-Oct-14						
Gasoline Range Organics (C6-C10)	277	9.99	mg/kg	292		95.0	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.375		"	0.400		93.8	50-150			
<b>Matrix Spike (1442036-MS1)</b>				Source: P410064-01	Prepared & Analyzed: 17-Oct-14					
Gasoline Range Organics (C6-C10)	278	9.96	mg/kg	291	ND	95.6	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.370		"	0.399		92.8	50-150			
<b>Matrix Spike Dup (1442036-MSD1)</b>				Source: P410064-01	Prepared & Analyzed: 17-Oct-14					
Gasoline Range Organics (C6-C10)	279	9.98	mg/kg	291	ND	95.9	75-125	0.477	15	
Surrogate: 4-Bromochlorobenzene-FID	0.372		"	0.399		93.2	50-150			

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Project Manager: Kurt Hoekstra

Reported:  
21-Oct-14 14:03

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1443003 - DRO Extraction EPA 3550M</b>										
<b>Blank (1443003-BLK1)</b>				Prepared & Analyzed: 20-Oct-14						
Diesel Range Organics (C10-C28)	ND	24.9	mg/kg							
Surrogate: o-Terphenyl	39.6		"	39.9		99.3	50-200			
<b>LCS (1443003-BS1)</b>				Prepared & Analyzed: 20-Oct-14						
Diesel Range Organics (C10-C28)	518	24.9	mg/kg	499		104	38-132			
Surrogate: o-Terphenyl	39.8		"	39.9		99.8	50-200			
<b>Matrix Spike (1443003-MS1)</b>				Source: P410076-01		Prepared & Analyzed: 20-Oct-14				
Diesel Range Organics (C10-C28)	618	29.9	mg/kg	498	84.6	107	38-132			
Surrogate: o-Terphenyl	42.1		"	39.9		106	50-200			
<b>Matrix Spike Dup (1443003-MSD1)</b>				Source: P410076-01		Prepared & Analyzed: 20-Oct-14				
Diesel Range Organics (C10-C28)	660	29.9	mg/kg	499	84.6	115	38-132	6.44	20	
Surrogate: o-Terphenyl	42.3		"	39.9		106	50-200			

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XTO Energy Inc.	Project Name:	Ute Indians A #21	Reported: 21-Oct-14 14:03
382 CR 3100	Project Number:	98031-0528	
Aztec NM, 87410	Project Manager:	Kurt Hoekstra	

**Total Petroleum Hydrocarbons by 418.1 - Quality Control**

**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1443014 - 418 Freon Extraction**

<b>Blank (1443014-BLK1)</b>				Prepared & Analyzed: 20-Oct-14						
Total Petroleum Hydrocarbons	ND	34.9	mg/kg							
<b>Duplicate (1443014-DUP1)</b>				Source: P410074-01 Prepared & Analyzed: 20-Oct-14						
Total Petroleum Hydrocarbons	13500	350	mg/kg		13600			0.914	30	
<b>Matrix Spike (1443014-MS1)</b>				Source: P410074-01 Prepared & Analyzed: 20-Oct-14						
Total Petroleum Hydrocarbons	16000	349	mg/kg	2010	13600	117	80-120			

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Project Number: 98031-0528  
Project Manager: Kurt Hoekstra

Reported:  
21-Oct-14 14:03

**Cation/Anion Analysis - Quality Control**

**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1443001 - Anion Extraction EPA 300.0**

**Blank (1443001-BLK1)**

Prepared & Analyzed: 20-Oct-14

Chloride	ND	9.87	mg/kg
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**LCS (1443001-BS1)**

Prepared & Analyzed: 20-Oct-14

Chloride	495	9.91	mg/kg	496	99.9	90-110
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**Matrix Spike (1443001-MS1)**

Source: P410074-01

Prepared & Analyzed: 20-Oct-14

Chloride	728	9.97	mg/kg	498	228	100	80-120
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**Matrix Spike Dup (1443001-MSD1)**

Source: P410074-01

Prepared & Analyzed: 20-Oct-14

Chloride	722	9.90	mg/kg	495	228	99.9	80-120	0.794	20
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Project Name: Ute Indians A #21  
Project Number: 98031-0528  
Project Manager: Kurt Hoekstra

**Reported:**  
21-Oct-14 14:03

#### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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[illegible]

\* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200

0495