

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: XTO Energy, Inc.	Contact: Logan Hixon
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100
Facility Name: OH Randel #5	Facility Type: Gas Well (Basin Dakota)

Surface Owner: Tribal	Mineral Owner	API No.: 30-045-05964
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	10	26N	11W	990	FNL	990	FWL	San Juan

Latitude 36.5065753 Longitude -107.996552

**NATURE OF RELEASE**

Type of Release: Produced Oil / Produced Water	Volume of Release: 32.5 BBL's	Volume Recovered: 0 BBL's
Source of Release: 2" Drain Valve on Production Tank	Date and Hour of Occurrence: Unknown Time: Unknown	Date and Hour of Discovery: 1/18/2016 2:56pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith (NMOCD)	
By Whom? Rex Farnsworth (EH&S Technician)	Date and Hour: 1/19/2016 @ 7:53am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

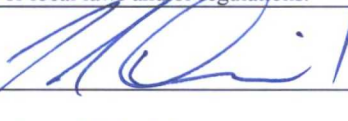

JAN 02 2018

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
A 'remediation pile' was approved by the NMOCD to remediate cuttings from the soil boring performed at this location for the delineation conducted in regards to the historical impacts found at this location. The 'remediation pile' was inspected, turned using a roto-tiller, and sampled for final closure. The pile was then thin-spread on location after the sample results indicated that the soil was remediated below NMOCD regulatory limits. The inspection log, final photographs, and the final laboratory analysis are attached for reference.

Describe Area Affected and Cleanup Action Taken. \*  
Please see attachments.

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 "Initial 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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: James McDaniel	Approved by Environmental Specialist: 	
Title: EH&S Supervisor	Approval Date: 1/16/18	Expiration Date:
E-mail Address: james_mcdaniel@xtoenergy.com	Conditions of Approval: Closure	Attached <input type="checkbox"/>
Date: 12/27/2017 Phone: 505-333-3701	For "Bio Pile For Drill Cutting's only!"	

\* Attach Additional Sheets If Necessary

#NOF 1602039091

### O H Randel #5 Remediation Pile Inspection Log

Date	Person Performing Inspection	Comments
9/30/2017	James McDaniel	Remediation Pile spread on-site
10/4/2017	James McDaniel	No Comments
10/13/2017	Kurt Hoekstra	Remediation Pile was roto-tilled using a gas powered tiller
10/18/2017	Kurt Hoekstra	No Comments
10/27/2017	James McDaniel	No Comments
11/2/2017	Kurt Hoekstra	Sample Collected
12/11/2017	James McDaniel	Remediation Pile Sampled for closure. Cory Smith on location



## Analytical Report

### Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number:

Samples Received: 12/11/2017 10:05:00AM

Job Number: 98031-0528

Work Order: P712024

Project Name/Location: OH Randel 5

Report Reviewed By:

Date: 12/13/17

Walter Hinchman, Laboratory Director

Date: 12/13/17

Tim Cain, Quality Assurance Officer

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: OH Randel 5  
Project Number: 98031-0528  
Project Manager: James McDaniel

Reported:  
13-Dec-17 15:57

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Remediation Pile	P712024-01A	Solid	12/11/17	12/11/17	Glass Jar, 4 oz.

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: OH Randel 5 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 13-Dec-17 15:57
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**Remediation File  
P712024-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1750002	12/11/17	12/11/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1750002	12/11/17	12/11/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1750002	12/11/17	12/11/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1750002	12/11/17	12/11/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1750002	12/11/17	12/11/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1750002	12/11/17	12/11/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1750002	12/11/17	12/11/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %		50-150	1750002	12/11/17	12/11/17	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1750002	12/11/17	12/11/17	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1750003	12/11/17	12/11/17	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1750003	12/11/17	12/11/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %		50-150	1750002	12/11/17	12/11/17	EPA 8015D	
Surrogate: n-Nonane		81.8 %		50-200	1750003	12/11/17	12/11/17	EPA 8015D	

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XTO Energy Inc.	Project Name:	OH Randel 5	Reported:
382 CR 3100	Project Number:	98031-0528	13-Dec-17 15:57
Aztec NM, 87410	Project Manager:	James McDaniel	

### 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 1750002 - Purge and Trap EPA 5030A

##### Blank (1750002-BLK1)

Prepared & Analyzed: 11-Dec-17

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	8.15		"	8.00		102	50-150			

##### LCS (1750002-BS1)

Prepared & Analyzed: 11-Dec-17

Benzene	4.44	0.10	mg/kg	5.00		88.9	70-130			
Toluene	4.44	0.10	"	5.00		88.9	70-130			
Ethylbenzene	4.50	0.10	"	5.00		90.0	70-130			
p,m-Xylene	8.97	0.20	"	10.0		89.7	70-130			
o-Xylene	4.41	0.10	"	5.00		88.3	70-130			
Total Xylenes	13.4	0.10	"	15.0		89.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.24		"	8.00		103	50-150			

##### Matrix Spike (1750002-MS1)

Source: P712024-01

Prepared & Analyzed: 11-Dec-17

Benzene	4.66	0.10	mg/kg	5.00	ND	93.3	54.3-133			
Toluene	4.66	0.10	"	5.00	ND	93.3	61.4-130			
Ethylbenzene	4.73	0.10	"	5.00	ND	94.6	61.4-133			
p,m-Xylene	9.42	0.20	"	10.0	ND	94.3	63.3-131			
o-Xylene	4.66	0.10	"	5.00	ND	93.2	63.3-131			
Total Xylenes	14.1	0.10	"	15.0	ND	93.9	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8.22		"	8.00		103	50-150			

##### Matrix Spike Dup (1750002-MSD1)

Source: P712024-01

Prepared & Analyzed: 11-Dec-17

Benzene	4.35	0.10	mg/kg	5.00	ND	87.0	54.3-133	6.99	20	
Toluene	4.35	0.10	"	5.00	ND	87.0	61.4-130	7.02	20	
Ethylbenzene	4.39	0.10	"	5.00	ND	87.9	61.4-133	7.30	20	
p,m-Xylene	8.75	0.20	"	10.0	ND	87.6	63.3-131	7.38	20	
o-Xylene	4.34	0.10	"	5.00	ND	86.7	63.3-131	7.21	20	
Total Xylenes	13.1	0.10	"	15.0	ND	87.3	63.3-131	7.32	20	
Surrogate: 4-Bromochlorobenzene-PID	8.16		"	8.00		102	50-150			

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: OH Randel 5 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 13-Dec-17 15:57
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### 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 1750002 - Purge and Trap EPA 5030A</b>										
<b>Blank (1750002-BLK1)</b>				Prepared & Analyzed: 11-Dec-17						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.13		"	8.00		102	50-150			
<b>LCS (1750002-BS2)</b>				Prepared & Analyzed: 11-Dec-17						
Gasoline Range Organics (C6-C10)	50.0	20.0	mg/kg	50.0		99.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		"	8.00		99.7	50-150			
<b>Matrix Spike (1750002-MS2)</b>				Source: P712024-01		Prepared & Analyzed: 11-Dec-17				
Gasoline Range Organics (C6-C10)	56.3	20.0	mg/kg	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		"	8.00		98.8	50-150			
<b>Matrix Spike Dup (1750002-MSD2)</b>				Source: P712024-01		Prepared & Analyzed: 11-Dec-17				
Gasoline Range Organics (C6-C10)	54.7	20.0	mg/kg	50.0	ND	109	70-130	2.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		"	8.00		102	50-150			

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XTO Energy Inc.	Project Name:	OH Randel 5	Reported: 13-Dec-17 15:57
382 CR 3100	Project Number:	98031-0528	
Aztec NM, 87410	Project Manager:	James McDaniel	

### 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
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#### Batch 1750003 - DRO Extraction EPA 3570

##### Blank (1750003-BLK1)

Prepared & Analyzed: 11-Dec-17

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0	"							
Surrogate: n-Nonane	47.9		"	50.0		95.8	50-200			

##### LCS (1750003-BS1)

Prepared & Analyzed: 11-Dec-17

Diesel Range Organics (C10-C28)	511	25.0	mg/kg	500		102	38-132			
Surrogate: n-Nonane	45.1		"	50.0		90.2	50-200			

##### Matrix Spike (1750003-MS1)

Source: P712024-01

Prepared & Analyzed: 11-Dec-17

Diesel Range Organics (C10-C28)	538	25.0	mg/kg	500	ND	108	38-132			
Surrogate: n-Nonane	40.0		"	50.0		79.9	50-200			

##### Matrix Spike Dup (1750003-MSD1)

Source: P712024-01

Prepared & Analyzed: 11-Dec-17

Diesel Range Organics (C10-C28)	541	25.0	mg/kg	500	ND	108	38-132	0.612	20	
Surrogate: n-Nonane	40.5		"	50.0		81.1	50-200			

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XTO Energy Inc.  
382 CR 3100  
Aztec NM, 87410

Project Name: OH Randel 5  
Project Number: 98031-0528  
Project Manager: James McDaniel

**Reported:**  
13-Dec-17 15:57

#### 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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