

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-141  
Revised October 10, 2003

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

**Release Notification and Corrective Action**

**OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: Logan Hixon	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683	
Facility Name: Martinez Gas Com G #1E (30-045-25568)	Facility Type: Gas Well	
Surface Owner: Federal Land	Mineral Owner:	Lease No.:

**LOCATION OF RELEASE**

Unit Letter D	Section 24	Township 29N	Range 10W	Feet from the 1975	North/South Line FNL	Feet from the 2125	East/West Line FEL	County San Juan
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Latitude: 36.71345 Longitude: 107.84241

**NATURE OF RELEASE**

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: BGT	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: July 25, 2013
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom?	Date and Hour: <b>RCVD AUG 15 '13</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. <b>OIL CONS. DIV. DIST. 3</b>	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

The below grade tank was taken out of service at the Martinez Gas Com G #1E due to upgrades being made at this site. A composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418.1 and 8015, Benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for Benzene, Total BTEX and total chlorides, but above the 'pit rule' standards for TPH, confirming that a release has occurred at this location. This site was then ranked pursuant 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 less than 50 feet, and a distance to a domestic water source less than 1000 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX, or 100 ppm organic vapors.

Describe Area Affected and Cleanup Action Taken.\*

The BGT closure composite sample returned results below the regulatory standards of 100 ppm TPH via USEPA Method 8015, 10 ppm benzene, and 50 ppm BTEX via USEPA Method 8021 respectively determined for this site pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. All applicable analytical results are attached for your reference.

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: <u>Logan Hixon</u>		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Logan Hixon		Approved by District Supervisor: <u>Jonathan D. Kelly</u>	
Title: Environmental Technician		Approval Date: <u>8/19/2013</u>	Expiration Date:
E-mail Address: Logan_Hixon@xtoenergy.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: <u>August 13, 2013</u> Phone: 505-333-3202			

W-1323156205



## Analytical Report

### Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0408

Samples Received: 7/19/2013 8:10:00AM

Job Number: 98031-0528

Work Order: P307057

Project Name/Location: Martinez GC G #1E

Entire Report Reviewed By:

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

Date: 7/25/13

Tim Cain, Laboratory Manager

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: Martinez GC G #1E  
Project Number: 98031-0528  
Project Manager: Kurt Hoekstra

Reported:  
25-Jul-13 09:15

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Sample	P307057-01A	Soil	07/18/13	07/19/13	Glass Jar, 4 oz.
	P307057-01B	Soil	07/18/13	07/19/13	Glass Jar, 4 oz.

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Martinez GC G #1E Project Number: 98031-0528 Project Manager: Kurt Hoekstra	Reported: 25-Jul-13 09:15
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**BGT Sample**  
**P307057-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1329031	19-Jul-13	23-Jul-13	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1329031	19-Jul-13	23-Jul-13	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1329031	19-Jul-13	23-Jul-13	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1329031	19-Jul-13	23-Jul-13	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1329031	19-Jul-13	23-Jul-13	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1329031	19-Jul-13	23-Jul-13	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1329031	19-Jul-13	23-Jul-13	EPA 8021B	
Surrogate: Bromochlorobenzene		99.7 %	80-120		1329031	19-Jul-13	23-Jul-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.6 %	80-120		1329031	19-Jul-13	23-Jul-13	EPA 8021B	
Surrogate: Fluorobenzene		94.8 %	80-120		1329031	19-Jul-13	23-Jul-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1329034	19-Jul-13	23-Jul-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	4.99	mg/kg	1	1329034	19-Jul-13	23-Jul-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	4.99	mg/kg	1	1329034	19-Jul-13	23-Jul-13	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	347	20.0	mg/kg	1	1330014	24-Jul-13	24-Jul-13	EPA 418.1	
Cation/Anion Analysis									
Chloride	12.5	9.99	mg/kg	1	1330001	23-Jul-13	23-Jul-13	EPA 300.0	

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Martinez GC G #1E Project Number: 98031-0528 Project Manager: Kurt Hoekstra	Reported: 25-Jul-13 09:15
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**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 1329031 - Purge and Trap EPA 5030A**

<b>Blank (1329031-BLK1)</b>				Prepared & Analyzed: 19-Jul-13						
Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.05	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							
Surrogate: Bromochlorobenzene	46.4		ug/L	50.0		92.8	80-120			
Surrogate: 1,4-Difluorobenzene	48.9		"	50.0		97.9	80-120			
Surrogate: Fluorobenzene	47.5		"	50.0		94.9	80-120			

<b>Duplicate (1329031-DUP1)</b>				Source: P307056-01		Prepared & Analyzed: 19-Jul-13				
Benzene	ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	"		ND				30	
Ethylbenzene	ND	0.05	"		ND				30	
p,m-Xylene	0.06	0.05	"		0.05			8.33	30	
o-Xylene	ND	0.05	"		ND				30	
Surrogate: Bromochlorobenzene	42.6		ug/L	50.0		85.2	80-120			
Surrogate: 1,4-Difluorobenzene	45.2		"	50.0		90.4	80-120			
Surrogate: Fluorobenzene	43.2		"	50.0		86.3	80-120			

<b>Matrix Spike (1329031-MS1)</b>				Source: P307056-01		Prepared & Analyzed: 19-Jul-13				
Benzene	45.4		ug/L	50.0	0.34	90.1	39-150			
Toluene	45.2		"	50.0	0.62	89.2	46-148			
Ethylbenzene	45.3		"	50.0	0.14	90.3	32-160			
p,m-Xylene	91.6		"	100	1.09	90.6	46-148			
o-Xylene	44.8		"	50.0	0.46	88.7	46-148			
Surrogate: Bromochlorobenzene	47.9		"	50.0		95.7	80-120			
Surrogate: 1,4-Difluorobenzene	44.6		"	50.0		89.2	80-120			
Surrogate: Fluorobenzene	44.9		"	50.0		89.7	80-120			

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Martinez GC G #1E Project Number: 98031-0528 Project Manager: Kurt Hoekstra	Reported: 25-Jul-13 09:15
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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
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#### Batch 1329034 - GRO/DRO Extraction EPA 3550C

##### Blank (1329034-BLK1)

Prepared: 19-Jul-13 Analyzed: 23-Jul-13

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg
Diesel Range Organics (C10-C28)	ND	4.99	"
GRO and DRO Combined Fractions	ND	4.99	"

##### Duplicate (1329034-DUP1)

Source: P307057-01

Prepared: 19-Jul-13 Analyzed: 23-Jul-13

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	ND	30
Diesel Range Organics (C10-C28)	ND	4.99	"	ND	30

##### Matrix Spike (1329034-MS1)

Source: P307057-01

Prepared: 19-Jul-13 Analyzed: 23-Jul-13

Gasoline Range Organics (C6-C10)	263	5.26	mg/kg	263	ND	100	75-125
Diesel Range Organics (C10-C28)	263	5.26	"	263	ND	100	75-125

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Martinez GC G #1E Project Number: 98031-0528 Project Manager: Kurt Hoekstra	Reported: 25-Jul-13 09:15
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**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 1330014 - 418 Freon Extraction**

<b>Blank (1330014-BLK1)</b>				Prepared & Analyzed: 24-Jul-13						
Total Petroleum Hydrocarbons	ND	19.9	mg/kg							
<b>Duplicate (1330014-DUP1)</b>				Source: P307057-01 Prepared & Analyzed: 24-Jul-13						
Total Petroleum Hydrocarbons	332	20.0	mg/kg		347			4.56	30	
<b>Matrix Spike (1330014-MS1)</b>				Source: P307057-01 Prepared & Analyzed: 24-Jul-13						
Total Petroleum Hydrocarbons	2290	19.9	mg/kg	1990	347	97.4	80-120			

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XTO Energy Inc.	Project Name:	Martinez GC G #1E	
382 CR 3100	Project Number:	98031-0528	Reported:
Aztec NM, 87410	Project Manager:	Kurt Hoekstra	25-Jul-13 09:15

**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 1330001 - Anion Extraction EPA 300.0**

**Blank (1330001-BLK1)**

Prepared & Analyzed: 23-Jul-13

Chloride ND 9.99 mg/kg

**Duplicate (1330001-DUP1)**

Source: P307067-01

Prepared & Analyzed: 23-Jul-13

Chloride 1520 9.99 mg/kg 1680 10.4 30

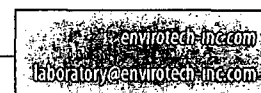
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XTO Energy Inc.  
382 CR 3100  
Aztec NM, 87410

Project Name: Martinez GC G #1E  
Project Number: 98031-0528  
Project Manager: Kurt Hoekstra

**Reported:**  
25-Jul-13 09:15

### 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

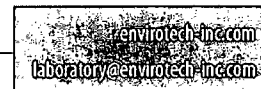
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