

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: Kurt Hoekstra	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100	
Facility Name: McCoy Gas Com D # 3	Facility Type: Gas Well (Basin Fruitland Coal)	
Surface Owner: Private	Mineral Owner	API No. 30-045-31287

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	28	30N	12W	1600	FNL	1070	FWL	San Juan

Latitude: 36.78667 Longitude: -108.10833

**NATURE OF RELEASE**

Type of Release: Condensate/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: 10-13-2013 8:45 am
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.*		

RCVD FEB 10 '14  
OIL CONS. DIV.  
DIST. 3

Describe Cause of Problem and Remedial Action Taken.\*The below grade tank was removed at the McCoy Gas Com D # 3 well site due to facility upgrades at the well site. The BGT cellar 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' standards of, 0.2 ppm benzene, 50 ppm total BTEX, and 250 ppm for chlorides, but above the 100 ppm TPH standard at 164 ppm via USEPA Method 418.1 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 20 due to an estimated depth to groundwater of less than 50 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.\* The below grade tank closure sample was analyzed for DRO/GRO via USEPA Method 8015, returning results of 5.4 mg/kg and < 0.56 mg/kg respectively. This is below the 100 ppm TPH closure standard determined for this site. No further action is required regarding this incident.

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>		OIL CONSERVATION DIVISION	
Printed Name: Kurt Hoekstra		Approved by Environmental Specialist: <i>Jonell D. Kelly</i>	
Title: EHS Coordinator		Approval Date: <i>3/3/2014</i>	Expiration Date:
E-mail Address: Kurt.Hoekstra@xtoenergy.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1-27-2014 Phone: 505-333-3100			

\* Attach Additional Sheets If Necessary

*NJK 1406241835*



## Analytical Report

### Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0429

Samples Received: 10/8/2013 1:45:00PM

Job Number: 98031-0528

Work Order: P310029

Project Name/Location: McCoy Gas Com D #3

Entire Report Reviewed By:

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

Date: 10/10/13

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: McCoy Gas Com D #3  
Project Number: 98031-0528  
Project Manager: James McDaniel

Reported:  
10-Oct-13 08:43

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Cellar	P310029-01A	Soil	10/08/13	10/08/13	Glass Jar, 4 oz.

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: McCoy Gas Com D #3 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 10-Oct-13 08:43
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**BGT Cellar**  
**P310029-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Petroleum Hydrocarbons by 418.1</b>									
Total Petroleum Hydrocarbons	164	20.0	mg/kg	1	1341025	10/09/13	10/09/13	EPA 418.1	B

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XTO Energy Inc.  
382 CR 3100  
Aztec NM, 87410

Project Name: McCoy Gas Com D #3  
Project Number: 98031-0528  
Project Manager: James McDaniel

Reported:  
10-Oct-13 08:43

**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 1341025 - 418 Freon Extraction**

**Blank (1341025-BLK1)**

Prepared & Analyzed: 09-Oct-13

Total Petroleum Hydrocarbons 28.0 20.0 mg/kg

**Duplicate (1341025-DUP1)**

Source: P310029-01

Prepared & Analyzed: 09-Oct-13

Total Petroleum Hydrocarbons 183 19.9 mg/kg 164 11.3 30

**Matrix Spike (1341025-MS1)**

Source: P310029-01

Prepared & Analyzed: 09-Oct-13

Total Petroleum Hydrocarbons 509 mg/L 500 41.0 93.6 80-120

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879





XTO Energy Inc.  
382 CR 3100  
Aztec NM, 87410

Project Name: McCoy Gas Com D #3  
Project Number: 98031-0528  
Project Manager: James McDaniel

**Reported:**  
10-Oct-13 08:43

#### Notes and Definitions

B Analyte is found in the associated blank as well as in the sample.  
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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YOUR LAB OF CHOICE

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Tax I.D. 62-0814289

Est. 1970

Kurt Hoekstra  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

### Report Summary

Thursday October 10, 2013

Report Number: L662024

Samples Received: 10/09/13

Client Project:

Description: McCoy Gas Com D #3

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.





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REPORT OF ANALYSIS

Kurt Hoekstra  
XTO Energy - San Juan Division  
382 County Road 3100  
Aztec, NM 87410

October 10, 2013

Date Received : October 09, 2013  
Description : McCoy Gas Com D #3  
Sample ID : FARKH-100813-1320  
Collected By : Kurt Hoekstra  
Collection Date : 10/08/13 13:20

ESC Sample # : L662024-01

Site ID :

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	25.	11.	mg/kg	9056	10/09/13	1
Total Solids	88.5	0.100	%	2540 G-2011	10/10/13	1
Benzene	BDL	0.0028	mg/kg	8021/8015	10/09/13	5
Toluene	BDL	0.028	mg/kg	8021/8015	10/09/13	5
Ethylbenzene	BDL	0.0028	mg/kg	8021/8015	10/09/13	5
Total Xylene	BDL	0.0085	mg/kg	8021/8015	10/09/13	5
TPH (GC/FID) Low Fraction	BDL	0.56	mg/kg	GRO	10/09/13	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	99.3		% Rec.	8021/8015	10/09/13	5
a,a,a-Trifluorotoluene (PID)	101.		% Rec.	8021/8015	10/09/13	5
TPH (GC/FID) High Fraction	5.4	4.5	mg/kg	3546/DRO	10/10/13	1
Surrogate recovery(%)						
o-Terphenyl	68.3		% Rec.	3546/DRO	10/10/13	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 10/10/13 15:00 Printed: 10/10/13 15:00

Summary of Remarks For Samples Printed  
10/10/13 at 15:00:24

TSR Signing Reports: 288  
R2 - Rush: Next Day

Domestic Water Well Sampling-see L609759 Lobato for tests EDD's on ALL projects email James,  
Kurt and Logan all reports

Sample: L662024-01 Account: XTORNM Received: 10/09/13 09:30 Due Date: 10/10/13 00:00 RPT Date: 10/10/13 15:00



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Kurt Hoekstra  
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report  
Level II

L662024

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Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzene	< .0005	mg/kg			WG685696	10/09/13 06:56
Ethylbenzene	< .0005	mg/kg			WG685696	10/09/13 06:56
Toluene	< .005	mg/kg			WG685696	10/09/13 06:56
TPH (GC/FID) Low Fraction	< 1	mg/kg			WG685696	10/09/13 06:56
Total Xylene	< .0015	mg/kg			WG685696	10/09/13 06:56
a,a,a-Trifluorotoluene (FID)		% Rec.	100.0	59-128	WG685696	10/09/13 06:56
a,a,a-Trifluorotoluene (PID)		% Rec.	103.0	54-144	WG685696	10/09/13 06:56
Total Solids	< .1	%			WG686190	10/10/13 09:30
TPH (GC/FID) High Fraction	< 4	mg/kg			WG686238	10/10/13 09:33
o-Terphenyl		% Rec.	69.60	50-150	WG686238	10/10/13 09:33
Chloride	< 10	mg/kg			WG686110	10/09/13 13:38

Analyte	Units	Duplicate		Limit	Ref Samp	Batch
		Result	Duplicate			
Total Solids	%	89.2	88.8	0.420	5	L662019-04 WG686190
Chloride	mg/kg	1300	1300	0.0	20	L661634-06 WG686110

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/kg	.05	0.0561	112.	70-130	WG685696
Ethylbenzene	mg/kg	.05	0.0555	111.	70-130	WG685696
Toluene	mg/kg	.05	0.0562	112.	70-130	WG685696
Total Xylene	mg/kg	.15	0.162	108.	70-130	WG685696
a,a,a-Trifluorotoluene (PID)				102.0	54-144	WG685696
TPH (GC/FID) Low Fraction	mg/kg	5.5	6.55	119.	63.5-137	WG685696
a,a,a-Trifluorotoluene (FID)				101.0	59-128	WG685696
Total Solids	%	50	50.0	100.	85-115	WG686190
TPH (GC/FID) High Fraction	mg/kg	60	40.3	67.1	50-150	WG686238
o-Terphenyl				69.80	50-150	WG686238
Chloride	mg/kg	200	182.	91.0	80-120	WG686110

Analyte	Units	Laboratory Control Sample Duplicate		Limit	RPD	Limit	Batch
		Result	Ref %Rec				
Benzene	mg/kg	0.0547	0.0561 109.	70-130	2.57	20	WG685696
Ethylbenzene	mg/kg	0.0542	0.0555 108.	70-130	2.27	20	WG685696
Toluene	mg/kg	0.0548	0.0562 110.	70-130	2.55	20	WG685696
Total Xylene	mg/kg	0.158	0.162 105.	70-130	2.48	20	WG685696
a,a,a-Trifluorotoluene (PID)			102.0	54-144			WG685696
TPH (GC/FID) Low Fraction	mg/kg	6.33	6.55 115.	63.5-137	3.34	20	WG685696
a,a,a-Trifluorotoluene (FID)			101.0	59-128			WG685696

\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Analyte	Laboratory		Control	Sample	Duplicate	Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec					
TPH (GC/FID) High Fraction	mg/kg	37.8	40.3	63.0		50-150	6.28	20	WG686238
o-Terphenyl				66.10		50-150			WG686238
Chloride	mg/kg	178.	182.	89.0		80-120	2.22	20	WG686110

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Benzene	mg/kg	0.248	0.0	.05	99.0	49.7-127	L661192-01	WG685696
Ethylbenzene	mg/kg	0.175	0.0	.05	70.0	40.8-141	L661192-01	WG685696
Toluene	mg/kg	0.214	0.00110	.05	85.0	49.8-132	L661192-01	WG685696
Total Xylene	mg/kg	0.504	0.0	.15	67.0	41.2-140	L661192-01	WG685696
a,a,a-Trifluorotoluene (PID)					100.0	54-144		WG685696
TPH (GC/FID) Low Fraction	mg/kg	21.8	0.0	5.5	79.0	28.5-138	L661192-01	WG685696
a,a,a-Trifluorotoluene (FID)					98.80	59-128		WG685696
TPH (GC/FID) High Fraction	mg/kg	41.7	1.90	60	66.0	50-150	L662092-01	WG686238
o-Terphenyl					73.50	50-150		WG686238
Chloride	mg/kg	816.	340.	500	95.0	80-120	L661634-01	WG686110

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
TPH (GC/FID) Low Fraction	mg/kg	19.0	21.8	69.1	28.5-138	13.8	23.6	L661192-01	WG685696
a,a,a-Trifluorotoluene(FID)				98.80	59-128				WG685696
Benzene	mg/kg	0.217	0.248	86.9	49.7-127	13.1	23.5	L661192-01	WG685696
Ethylbenzene	mg/kg	0.188	0.175	75.1	40.8-141	6.85	23.8	L661192-01	WG685696
Toluene	mg/kg	0.208	0.214	82.7	49.8-132	3.06	23.5	L661192-01	WG685696
Total Xylene	mg/kg	0.547	0.504	73.0	41.2-140	8.25	23.7	L661192-01	WG685696
a,a,a-Trifluorotoluene(PID)				101.0	54-144				WG685696
TPH (GC/FID) High Fraction	mg/kg	34.4	41.7	54.2	50-150	19.1	20	L662092-01	WG686238
o-Terphenyl				71.90	50-150				WG686238
Chloride	mg/kg	801.	816.	92.2	80-120	1.86	20	L661634-01	WG686110

Batch number / Run number / Sample number cross reference

WG685696: R2838350: L662024-01  
WG686190: R2838560: L662024-01  
WG686238: R2838682: L662024-01  
WG686110: R2838728: L662024-01

\* \* Calculations are performed prior to rounding of reported values.  
\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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October 10, 2013

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

