

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: Federal 32 # 41	Facility Type: Gas Well (West Kutz, P.C.)

Surface Owner: Federal	Mineral Owner	API No.: 30-045-24269
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LOCATION OF RELEASE

RCVD OCT 8 '14

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	32	27N	11W	1070	FNL	1070	FEL	San Juan

Latitude 36.5358 Longitude -108.02183

OIL CONS. DIV.

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: 7-24-2014
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	DIST. 3
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 Federal 32 # 41 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, total BTEX, and chlorides, but above the TPH Standard of 100 ppm at 112 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 0 due to an estimated depth to groundwater of more than 100 feet, distance to a water well greater than 1000 feet, and distance to surface water greater than 1000 feet. This set the closure standard to 5000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.* Based on TPH results of 112 ppm via USEPA Method 8015 this is below the Guidelines for 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>		OIL CONSERVATION DIVISION	
Printed Name: Kurt Hoekstra		Approved by Environmental Specialist: <i>Camelia</i>	
Title: EHS Coordinator		Approval Date: 12/29/14	Expiration Date:
E-mail Address: Kurt_Hoekstra@xtoenergy.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10-7-14 Phone: 505-333-3100			

* Attach Additional Sheets If Necessary

#NCS 143 6330413

14



Analytical Report

Report Summary

Client: XTO Energy Inc.
Chain Of Custody Number: 0478
Samples Received: 7/22/2014 3:20:00PM
Job Number: 98031-0528
Work Order: P407085
Project Name/Location: Federal 32 #41

Entire Report Reviewed By:

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

Tim Cain, Laboratory Manager

Date: 7/24/14

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: Federal 32 #41
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
24-Jul-14 11:16

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Cellar	P407085-01A	Soil	07/22/14	07/22/14	Glass Jar, 4 oz.

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

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

envirotech-inc.com
laboratory@envirotech-inc.com



XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Federal 32 #41
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
24-Jul-14 11:16

BGT Cellar
P407085-01 (Solid)

Analyte	Result	Reporting				Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution						
Total Petroleum Hydrocarbons by 418.1										
Total Petroleum Hydrocarbons	112	35.0	mg/kg	1	1430020	07/23/14	07/23/14	EPA 418.1		

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Federal 32 #41 Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 24-Jul-14 11:16
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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
Batch 1430020 - 418 Freon Extraction										
Blank (1430020-BLK1)					Prepared & Analyzed: 23-Jul-14					
Total Petroleum Hydrocarbons	ND	35.0	mg/kg							
Duplicate (1430020-DUP1)					Source: P407068-01 Prepared & Analyzed: 23-Jul-14					
Total Petroleum Hydrocarbons	448	35.0	mg/kg		ND				30	
Matrix Spike (1430020-MS1)					Source: P407068-01 Prepared & Analyzed: 23-Jul-14					
Total Petroleum Hydrocarbons	2420	35.0	mg/kg	2020	ND	120	80-120			

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Federal 32 #41
Project Number: 98031-0528
Project Manager: James McDaniel

Reported:
24-Jul-14 11:16

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

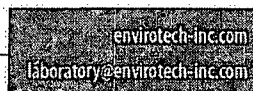
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Est. 1970

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

Report Summary

Friday July 25, 2014

Report Number: L711829

Samples Received: 07/24/14

Client Project: 30-045-24269

Description: Federal 32 #41

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, EPA - TN002

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

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REPORT OF ANALYSIS

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

July 25, 2014

Date Received : July 24, 2014
Description : Federal 32 #41
Sample ID : FARKH-072214-1320
Collected By : Kurt Hoekstra
Collection Date : 07/22/14 13:20

ESC Sample # : L711829-01

Site ID : FEDERAL 32 #41

Project # : 30-045-24269

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	79.	10.	mg/kg	9056MOD	07/24/14	1
Total Solids	98.9		%	2540 G-2011	07/25/14	1
Benzene	BDL	0.0025	mg/kg	8021/8015	07/25/14	5
Toluene	BDL	0.025	mg/kg	8021/8015	07/25/14	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	07/25/14	5
Total Xylene	BDL	0.0076	mg/kg	8021/8015	07/25/14	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	GRO	07/25/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	98.5		% Rec.	8021/8015	07/25/14	5
a,a,a-Trifluorotoluene(PID)	103.		% Rec.	8021/8015	07/25/14	5
TPH (GC/FID) High Fraction	10.	4.0	mg/kg	3546/DRO	07/24/14	1
Surrogate recovery(%)						
o-Terphenyl	73.8		% Rec.	3546/DRO	07/24/14	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: 07/25/14 14:21 Printed: 07/25/14 14:21

Summary of Remarks For Samples Printed
07/25/14 at 14:21:47

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: L711829-01 Account: XTORNM Received: 07/24/14 09:00 Due Date: 07/25/14 00:00 RPT Date: 07/25/14 14:21



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

Quality Assurance Report
Level II

L711829

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July 25, 2014

Laboratory Blank						
Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
TPH (GC/FID) High Fraction	< 1.0	mg/kg			WG733243	07/24/14 17:57
o-Terphenyl		% Rec.	75.30	50-150	WG733243	07/24/14 17:57
Chloride	< 10	mg/kg			WG733577	07/24/14 17:31
Total Solids	< .1	%			WG733570	07/25/14 08:05
Benzene	< .0005	mg/kg			WG733614	07/25/14 02:12
Ethylbenzene	< .0005	mg/kg			WG733614	07/25/14 02:12
Toluene	< .0005	mg/kg			WG733614	07/25/14 02:12
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG733614	07/25/14 02:12
Total Xylene	< .0015	mg/kg			WG733614	07/25/14 02:12
a,a,a-Trifluorotoluene (PID)		% Rec.	99.60	59-128	WG733614	07/25/14 02:12
a,a,a-Trifluorotoluene (PID)		% Rec.	104.0	54-144	WG733614	07/25/14 02:12

Duplicate						
Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp Batch
Chloride	mg/kg	69.0	72.3	1.5	20	L711695-01 WG733577
Total Solids	%	77.8	76.6	1.64	5	L711598-06 WG733570

Laboratory Control Sample						
Analyte	Units	Known Val	Result	% Rec	Limit	Batch
TPH (GC/FID) High Fraction	mg/kg	60	43.3	72.2	50-150	WG733243
o-Terphenyl				64.10	50-150	WG733243
Chloride	mg/kg	200	210	105	80-120	WG733577
Total Solids	%	50	50.0	100	85-115	WG733570
Benzene	mg/kg	.05	0.0508	102	70-130	WG733614
Ethylbenzene	mg/kg	.05	0.0517	103	70-130	WG733614
Toluene	mg/kg	.05	0.0513	103	70-130	WG733614
Total Xylene	mg/kg	.15	0.157	104	70-130	WG733614
a,a,a-Trifluorotoluene (PID)				103.0	54-144	WG733614
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.40	98.2	63-151	WG733614
a,a,a-Trifluorotoluene (PID)				100.0	59-128	WG733614

Laboratory Control Sample Duplicate							
Analyte	Units	Result	Ref	% Rec	Limit	RPD	Limit Batch
TPH (GC/FID) High Fraction	mg/kg	43.9	43.3	73.0	50-150	1.34	20 WG733243
o-Terphenyl				62.30	50-150		WG733243
Chloride	mg/kg	210	210	105	80-120	0.0	20 WG733577
Benzene	mg/kg	0.0515	0.0508	103	70-130	1.31	20 WG733614
Ethylbenzene	mg/kg	0.0515	0.0517	103	70-130	1.00	20 WG733614
* 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	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Toluene	mg/kg	0.0512	0.0513	102.0	70-130	0.260	20	WG733614
Total Xylene	mg/kg	0.156	0.157	104.	70-130	0.580	20	WG733614
a,a,a-Trifluorotoluene (PID)				103.0	54-144			WG733614
TPH (GC/FID) Low Fraction	mg/kg	5.39	5.40	98.0	63.5-137	0.210	20	WG733614
a,a,a-Trifluorotoluene (FID)				101.0	59-128			WG733614

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
TPH (GC/FID) High Fraction	mg/kg	41.5	0.395	60	68.0	50-150	L711091-01	WG733243
o-Terphenyl					61.80	50-150		WG733243
Chloride	mg/kg	559	64.6	500	99.0	80-120	L711695-02	WG733577
Benzene	mg/kg	0.231	0.000498	.05	92.0	49.7-127	L711660-01	WG733614
Ethylbenzene	mg/kg	0.205	0.000425	.05	82.0	40.8-141	L711660-01	WG733614
Toluene	mg/kg	0.222	0.00114	.05	88.0	49.8-132	L711660-01	WG733614
Total Xylene	mg/kg	0.621	0.00209	.15	83.0	41.2-140	L711660-01	WG733614
a,a,a-Trifluorotoluene (PID)					101.0	54-144		WG733614
TPH (GC/FID) Low Fraction	mg/kg	17.2	0.116	5.5	62.0	28.5-138	L711660-01	WG733614
a,a,a-Trifluorotoluene (FID)					97.30	59-128		WG733614

Analyte	Units	MSD	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec						
TPH (GC/FID) High Fraction	mg/kg	43.5	41.5	71.9		50-150	4.89	20	L711091-01	WG733243
o-Terphenyl				68.00		50-150				WG733243
Chloride	mg/kg	573	559	102		80-120	2.00	20	L711695-02	WG733577
Benzene	mg/kg	0.231	0.231	92.2		49.7-127	0.0400	23.5	L711660-01	WG733614
Ethylbenzene	mg/kg	0.193	0.205	76.9		40.8-141	6.14	23.8	L711660-01	WG733614
Toluene	mg/kg	0.213	0.222	84.6		49.8-132	4.28	23.5	L711660-01	WG733614
Total Xylene	mg/kg	0.580	0.621	77.1		41.2-140	6.83	23.7	L711660-01	WG733614
a,a,a-Trifluorotoluene (PID)				102.0		54-144				WG733614
TPH (GC/FID) Low Fraction	mg/kg	16.7	17.2	60.3		28.5-138	2.76	23.6	L711660-01	WG733614
a,a,a-Trifluorotoluene (FID)				97.10		59-128				WG733614

Batch number /Run number / Sample number cross reference

WG733243: R2968135: L711829-01
WG733577: R2968171: L711829-01
WG733570: R2968176: L711829-01
WG733614: R2968330: L711829-01

* * 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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July 25, 2014

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.

