

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: Gallegos Federal 26-13-14-1T	Facility Type: Gas Well (Basin Fruitland Coal)	
Surface Owner: Federal	Mineral Owner	API No.: 30-045-31807

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	14	26N	13W	950	FSL	2435	FEL	San Juan

Latitude 36.483245 Longitude -108.19471

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: 6-20-2014 12:00 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? RCVD AUG 26 '14	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. OIL CONS. DIV.	

If a Watercourse was Impacted, Describe Fully.*

DIST. 3

Describe Cause of Problem and Remedial Action Taken.* The below grade tank was removed at the Gallegos Federal 26-13-14-1T 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' standards of 0.2 ppm benzene, 50 ppm total BTEX, and 250 ppm chlorides, but above the TPH standard of 100 ppm at 136 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 greater 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 20 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>[Signature]</i>	
Title: EHS Coordinator	Approval Date: <i>9/2/14</i>	Expiration Date:	
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>	
Date: <i>8-22-14</i> Phone: 505-333-3100			

* Attach Additional Sheets If Necessary

#NCS 1412 4549491

14



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0440

Samples Received: 6/16/2014 12:30:00PM

Job Number: 98031-0528

Work Order: P406058

Project Name/Location: Gallegos Fed. 26-13-14
#1T

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: 6/20/14

Supplement to analytical report generated on: 6/20/14 11:52 am

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: Gallegos Fed. 26-13-14 #1T
Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
20-Jun-14 11:55

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Cellar	P406058-01A	Soil	06/16/14	06/16/14	Glass Jar, 4 oz.

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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

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



XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Gallegos Fed. 26-13-14 #1T
Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
20-Jun-14 11:55

BGT Cellar
P406058-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Petroleum Hydrocarbons by 418.1										
Total Petroleum Hydrocarbons	136	19.9	mg/kg	1	1425017	06/18/14	06/18/14	EPA 418.1		

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Gallegos Fed. 26-13-14 #1T Project Number: 98031-0528 Project Manager: Kurt Hoekstra	Reported: 20-Jun-14 11:55
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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 1425017 - 418 Freon Extraction										
Blank (1425017-BLK1)					Prepared & Analyzed: 18-Jun-14					
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
Duplicate (1425017-DUP1)					Source: P406058-01 Prepared & Analyzed: 18-Jun-14					
Total Petroleum Hydrocarbons	112	20.0	mg/kg		136			19.2	30	
Matrix Spike (1425017-MS1)					Source: P406058-01 Prepared & Analyzed: 18-Jun-14					
Total Petroleum Hydrocarbons	2020	20.0	mg/kg	2020	136	93.1	80-120			

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Gallegos Fed. 26-13-14 #1T
Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
20-Jun-14 11:55

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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Tax I.D. 62-0814289

Est. 1970

Logan Hixon
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

Report Summary

Wednesday June 18, 2014

Report Number: L705019

Samples Received: 06/17/14

Client Project: 30-045-31807

Description: Gallegos Fed 26-13-14 IT

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

Logan Hixon
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

June 18, 2014

Date Received : June 17, 2014
Description : Gallegos Fed 26-13-14 IT
Sample ID : FARKN-061614-1100
Collected By : Kurt
Collection Date : 06/16/14 11:00

ESC Sample # : L705019-01

Site ID :

Project # : 30-045-31807

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	17.	10.	mg/kg	9056	06/18/14	1
Total Solids	95.3		%	2540 G-2011	06/18/14	1
Benzene	BDL	0.0026	mg/kg	8021/8015	06/18/14	5
Toluene	BDL	0.026	mg/kg	8021/8015	06/18/14	5
Ethylbenzene	BDL	0.0026	mg/kg	8021/8015	06/18/14	5
Total Xylene	BDL	0.0079	mg/kg	8021/8015	06/18/14	5
TPH (GC/FID) Low Fraction	BDL	0.52	mg/kg	GRO	06/18/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	101.		% Rec.	8021/8015	06/18/14	5
a,a,a-Trifluorotoluene(PID)	102.		% Rec.	8021/8015	06/18/14	5
TPH (GC/FID) High Fraction	20.	4.2	mg/kg	3546/DRO	06/18/14	1
Surrogate recovery(%)						
o-Terphenyl	93.0		% Rec.	3546/DRO	06/18/14	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: 06/18/14 13:01 Printed: 06/18/14 13:02

Summary of Remarks For Samples Printed
06/18/14 at 13:02:03

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: L705019-01 Account: XTORNM Received: 06/17/14 09:00 Due Date: 06/18/14 00:00 RPT Date: 06/18/14 13:01



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XTO Energy - San Juan Division
Logan Hixon
382 County Road 3100
Aztec, NM 87410

Quality Assurance Report
Level II
L705019

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June 18, 2014

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
TPH (GC/FID) High Fraction o-Terphenyl	< 4	mg/kg	82.80	50-150	WG726775	06/17/14 22:57
		% Rec.			WG726775	06/17/14 22:57
Total Solids	< .1	%			WG726845	06/18/14 09:31
Chloride	< 10	mg/kg			WG726892	06/18/14 08:35
Benzene	< .0005	mg/kg			WG726966	06/18/14 07:38
Ethylbenzene	< .0005	mg/kg			WG726966	06/18/14 07:38
Toluene	< .005	mg/kg			WG726966	06/18/14 07:38
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG726966	06/18/14 07:38
Total Xylene	< .0015	mg/kg			WG726966	06/18/14 07:38
a,a,a-Trifluorotoluene(FID)		% Rec.	102.0	59-128	WG726966	06/18/14 07:38
a,a,a-Trifluorotoluene(PID)		% Rec.	102.0	54-144	WG726966	06/18/14 07:38

Analyte	Units	Result	Duplicate		Limit	Ref Samp	Batch
			Duplicate	RPD			
Total Solids	%	82.4	78.7	4.68	5	L705014-02	WG726845
Chloride	mg/kg	3700	3700	0.0	20	L704863-01	WG726892
Chloride	mg/kg	3500	3510	1.00	20	L704863-05	WG726892

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	60	59.2	98.6 93.30	50-150 50-150	WG726775 WG726775
Total Solids	%	50	50.1	100.	85-115	WG726845
Chloride	mg/kg	200	198.	99.0	80-120	WG726892
Benzene	mg/kg	.05	0.0474	94.8	70-130	WG726966
Ethylbenzene	mg/kg	.05	0.0481	96.2	70-130	WG726966
Toluene	mg/kg	.05	0.0473	94.6	70-130	WG726966
Total Xylene	mg/kg	.15	0.142	94.7	70-130	WG726966
a,a,a-Trifluorotoluene(FID)				101.0	59-128	WG726966
a,a,a-Trifluorotoluene(PID)				103.0	54-144	WG726966
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.33	97.0	63.5-137	WG726966
a,a,a-Trifluorotoluene(FID)				101.0	59-128	WG726966
a,a,a-Trifluorotoluene(PID)				103.0	54-144	WG726966

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	59.8	59.2	100. 92.70	50-150 50-150	1.06	20	WG726775 WG726775
Chloride	mg/kg	200.	198.	100.	80-120	1.00	20	WG726892

* 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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L705019

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June 18, 2014

Analyte	Units	Laboratory Result	Control Ref	Sample %Rec	Duplicate %Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0483	0.0474	96.0		70-130	1.77	20	WG726966
Ethylbenzene	mg/kg	0.0482	0.0481	96.0		70-130	0.150	20	WG726966
Toluene	mg/kg	0.0472	0.0473	94.0		70-130	0.250	20	WG726966
Total Xylene	mg/kg	0.142	0.142	95.0		70-130	0.100	20	WG726966
a,a,a-Trifluorotoluene(FID)				101.0		59-128			WG726966
a,a,a-Trifluorotoluene(PID)				104.0		54-144			WG726966
TPH (GC/FID) Low Fraction	mg/kg	5.43	5.33	99.0		63.5-137	1.84	20	WG726966
a,a,a-Trifluorotoluene(FID)				98.70		59-128			WG726966
a,a,a-Trifluorotoluene(PID)				102.0		54-144			WG726966

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
TPH (GC/FID) High Fraction	mg/kg	392.	375.	60	28.0*	50-150	L703913-06	WG726775
o-Terphenyl					102.0	50-150		WG726775
Chloride	mg/kg	3230	2780	50	89.0	80-120	L704863-02	WG726892
Benzene	mg/kg	0.213	0.000263	.05	85.0	49.7-127	L705028-01	WG726966
Ethylbenzene	mg/kg	0.179	0.00110	.05	71.0	40.8-141	L705028-01	WG726966
Toluene	mg/kg	0.199	0.00205	.05	79.0	49.8-132	L705028-01	WG726966
Total Xylene	mg/kg	0.538	0.0118	.15	70.0	41.2-140	L705028-01	WG726966
a,a,a-Trifluorotoluene(FID)					101.0	59-128		WG726966
a,a,a-Trifluorotoluene(PID)					101.0	54-144		WG726966
TPH (GC/FID) Low Fraction	mg/kg	17.5	0.0	5.5	64.0	28.5-138	L705028-01	WG726966
a,a,a-Trifluorotoluene(FID)					98.20	59-128		WG726966
a,a,a-Trifluorotoluene(PID)					101.0	54-144		WG726966

Analyte	Units	MSD	Matrix Spike Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
TPH (GC/FID) High Fraction	mg/kg	325.	392.	0*	50-150	18.7	20	L703913-06	WG726775
o-Terphenyl				85.40	50-150				WG726775
Chloride	mg/kg	3240	3230	90.8	80-120	0.0	20	L704863-02	WG726892
Benzene	mg/kg	0.238	0.213	95.2	49.7-127	11.3	23.5	L705028-01	WG726966
Ethylbenzene	mg/kg	0.210	0.179	83.5	40.8-141	15.8	23.8	L705028-01	WG726966
Toluene	mg/kg	0.222	0.199	87.9	49.8-132	11.0	23.5	L705028-01	WG726966
Total Xylene	mg/kg	0.623	0.538	81.5	41.2-140	14.6	23.7	L705028-01	WG726966
a,a,a-Trifluorotoluene(FID)				100.0	59-128				WG726966
a,a,a-Trifluorotoluene(PID)				102.0	54-144				WG726966
TPH (GC/FID) Low Fraction	mg/kg	18.0	17.5	65.3	28.5-138	2.79	23.6	L705028-01	WG726966
a,a,a-Trifluorotoluene(FID)				97.40	59-128				WG726966
a,a,a-Trifluorotoluene(PID)				100.0	54-144				WG726966

Batch number /Run number / Sample number cross reference

WG726775: R2943378: L705019-
WG726845: R2943396: L705019-
WG726892: R2943550: L705019-
WG726966: R2943568: L705019-

* * 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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L705019

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Est. 1970

June 18, 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.



XTO
ENERGY
Western Division

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

OK 0385