

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: Fred Feasel E #1 (30-045-06986)	Facility Type: Gas Well

Surface Owner: Federal Land	Mineral Owner:	Lease No.:
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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
K	32	28 N	10W	1450	FSL	1800	FWL	San Juan

Latitude: 36.6154 Longitude: -107.92123

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: June 18, 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: RCUD JUL 24 '13	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. OIL CONSV. DIV. DIST. 3	

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 Fred Feasel E #1 well site due to the plugging and abandoning of this well 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 20 due to an approximate distance to surface water less than 200 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.*
Based on TPH results of 1770 ppm via USEPA Method 418.1, it has been confirmed that a release had occurred on this location. 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: <i>Logan Hixon</i>		OIL CONSERVATION DIVISION	
Printed Name: Logan Hixon		Approved by District Supervisor: <i>Jonathan D. Kelly</i>	
Title: Environmental Technician		Approval Date: <i>7/31/2013</i>	Expiration Date:
E-mail Address: Logan_Hixon@xtoenergy.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>7-22-13</i>	Phone: 505-333-3202		

njsk1321240922



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

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Est. 1970

James McDaniel
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

Report Summary

Wednesday June 26, 2013

Report Number: L641834

Samples Received: 06/18/13

Client Project: 30-045-06986

Description: Fred Feasel E 1

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:

Mark W. Beasley , 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.

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REPORT OF ANALYSIS

June 26, 2013

James McDaniel
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

Date Received : June 18, 2013
Description : Fred Feasel E 1
Sample ID : FARLH-061713-1015
Collected By : Logan Hixon
Collection Date : 06/17/13 10:15

ESC Sample # : L641834-01

Site ID : BGT CLOSURE

Project # : 30-045-06986

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chloride	160	10.	mg/kg	9056	06/21/13	1
Total Solids	92.4	0.100	%	2540 G-2011	06/26/13	1
Benzene	BDL	0.0025	mg/kg	8021/8015	06/21/13	5
Toluene	BDL	0.025	mg/kg	8021/8015	06/21/13	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	06/21/13	5
Total Xylene	BDL	0.0075	mg/kg	8021/8015	06/21/13	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	GRO	06/21/13	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	94.5		% Rec.	8021/8015	06/21/13	5
a,a,a-Trifluorotoluene(PID)	97.1		% Rec.	8021/8015	06/21/13	5
TPH (GC/FID) High Fraction	4.2	4.0	mg/kg	3546/DRO	06/23/13	1
Surrogate recovery(%)						
o-Terphenyl	58.3		% Rec.	3546/DRO	06/23/13	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 06/26/13 15:29 Printed: 06/26/13 15:29

Summary of Remarks For Samples Printed
06/26/13 at 15:29:15

TSR Signing Reports: 288
R5 - Desired TAT

Domestic Water Well Sampling-see L609759 Lobato for tests EDD's

Sample: L641834-01 Account: XTORNM Received: 06/18/13 09:00 Due Date: 06/26/13 00:00 RPT Date: 06/26/13 15:29
Added TS. AV 6/25



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XTO Energy - San Juan Division
James McDaniel
382 County Road 3100
Aztec, NM 87410

Quality Assurance Report
Level II

L641834

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June 26, 2013

Analyte	Result	Laboratory Units	Blank % Rec	Limit	Batch	Date Analyzed
Chloride	< 10	mg/kg			WG668001	06/21/13 16:26
Benzene	< .0005	mg/kg			WG667957	06/21/13 12:21
Ethylbenzene	< .0005	mg/kg			WG667957	06/21/13 12:21
Toluene	< .005	mg/kg			WG667957	06/21/13 12:21
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG667957	06/21/13 12:21
Total Xylene	< .0015	mg/kg			WG667957	06/21/13 12:21
a,a,a-Trifluorotoluene(FID)		% Rec.	95.01	59-128	WG667957	06/21/13 12:21
a,a,a-Trifluorotoluene(PID)		% Rec.	97.56	54-144	WG667957	06/21/13 12:21
TPH (GC/FID) High Fraction	< 4	mg/kg			WG667968	06/23/13 09:43
o-Terphenyl		% Rec.	64.00	50-150	WG667968	06/23/13 09:43
Total Solids	< .1	%			WG668627	06/26/13 13:54

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	230.	210.	9.09	20	L641900-05	WG668001
Chloride	mg/kg	14000	16000	13.3	20	L642651-04	WG668001
Total Solids	%	83.0	82.0	0.780	5	L642193-09	WG668627

Analyte	Units	Laboratory Known Val	Control Sample Result	% Rec	Limit	Batch
Chloride	mg/kg	200	204.	102.	80-120	WG668001
Benzene	mg/kg	.05	0.0451	90.3	76-113	WG667957
Ethylbenzene	mg/kg	.05	0.0472	94.4	78-115	WG667957
Toluene	mg/kg	.05	0.0461	92.1	76-114	WG667957
Total Xylene	mg/kg	.15	0.139	92.7	81-118	WG667957
a,a,a-Trifluorotoluene(PID)				97.52	54-144	WG667957
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.60	102.	67-135	WG667957
a,a,a-Trifluorotoluene(FID)				98.47	59-128	WG667957
TPH (GC/FID) High Fraction	mg/kg	60	39.6	66.0	50-150	WG667968
o-Terphenyl				68.40	50-150	WG667968
Total Solids	%	50	50.0	100.	85-115	WG668627

Analyte	Units	Laboratory Result	Control Ref	Sample %Rec	Duplicate	Limit	RPD	Limit	Batch
Chloride	mg/kg	201.	204.	100.		80-120	1.48	20	WG668001
Benzene	mg/kg	0.0448	0.0451	90.0		76-113	0.670	20	WG667957
Ethylbenzene	mg/kg	0.0467	0.0472	93.0		78-115	1.14	20	WG667957
Toluene	mg/kg	0.0453	0.0461	90.0		76-114	1.72	20	WG667957
Total Xylene	mg/kg	0.137	0.139	91.0		81-118	1.57	20	WG667957
a,a,a-Trifluorotoluene(PID)				97.82		54-144			WG667957

* 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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XTO Energy - San Juan Division
James McDaniel
382 County Road 3100

Quality Assurance Report
Level II

Aztec, NM 87410

L641834

June 26, 2013

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	5.56	5.60	101. 97.52	67-135 59-128	0.560	20	WG667957 WG667957
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	37.1	39.6	62.0 67.30	50-150 50-150	6.42	20	WG667968 WG667968

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
Chloride	mg/kg	653.	160.	500	98.6	80-120	L641834-01	WG668001
Benzene	mg/kg	0.200	0	.05	80.1	32-137	L642207-01	WG667957
Ethylbenzene	mg/kg	0.161	0.000674	.05	64.0	10-150	L642207-01	WG667957
Toluene	mg/kg	0.181	0.00170	.05	71.6	20-142	L642207-01	WG667957
Total Xylene	mg/kg	0.467	0.00286	.15	61.9	16-141	L642207-01	WG667957
a,a,a-Trifluorotoluene(PID)					96.47	54-144		WG667957
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	15.3	0.170	5.5	55.0* 92.43	55-109 59-128	L642207-01	WG667957 WG667957
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	38.4	4.22	60	57.0 63.30	50-150 50-150	L641834-01	WG667968 WG667968

Analyte	Units	Matrix Spike Duplicate				Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec						
Chloride	mg/kg	657.	653.	99.4		80-120	0.611	20	L641834-01	WG668001
Benzene	mg/kg	0.209	0.200	83.8		32-137	4.51	39	L642207-01	WG667957
Ethylbenzene	mg/kg	0.189	0.161	75.4		10-150	16.4	44	L642207-01	WG667957
Toluene	mg/kg	0.197	0.181	78.3		20-142	8.84	42	L642207-01	WG667957
Total Xylene	mg/kg	0.547	0.467	72.5		16-141	15.8	46	L642207-01	WG667957
a,a,a-Trifluorotoluene(PID)				96.63		54-144				WG667957
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	16.2	15.3	58.3 93.13		55-109 59-128	5.83	20	L642207-01	WG667957 WG667957
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	41.1	38.4	61.5 66.80		50-150 50-150	6.86	20	L641834-01	WG667968 WG667968

Batch number /Run number / Sample number cross reference

WG668001: R2718402: L641834-01
WG667957: R2718622: L641834-01
WG667968: R2719224: L641834-01
WG668627: R2723261: L641834-01

* * 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.'



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
James McDaniel
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L641834

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June 26, 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.

[illegible]

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

MS 0009
32



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0008

Samples Received: 6/17/2013 11:22:00AM

Job Number: 98031-0528

Work Order: P306080

Project Name/Location: Fred Feasel E #1

Entire Report Reviewed By:

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

Date: 6/18/13

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: Fred Feasel E #1
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
18-Jun-13 16:16

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Comp	P306080-01A	Soil	06/17/13	06/17/13	Glass Jar, 4 oz.

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

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





XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Fred Feasel E #1
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
18-Jun-13 16:16

BGT Comp
P306080-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Total Petroleum Hydrocarbons by 418.1

Total Petroleum Hydrocarbons	1770	19.9	mg/kg	1	1325016	18-Jun-13	18-Jun-13	EPA 418.1		
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XTO Energy Inc.
 382 CR 3100
 Aztec NM, 87410

 Project Name: Fred Feasel E #1
 Project Number: 98031-0528
 Project Manager: Logan Hixon

 Reported:
 18-Jun-13 16:16

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 1325016 - 418 Freon Extraction
Blank (1325016-BLK1)

Prepared & Analyzed: 18-Jun-13

Total Petroleum Hydrocarbons ND 20.0 mg/kg

Duplicate (1325016-DUP1)

Source: P306071-01

Prepared & Analyzed: 18-Jun-13

Total Petroleum Hydrocarbons 44.0 20.0 mg/kg 39.9 9.71 30

Matrix Spike (1325016-MS1)

Source: P306071-01

Prepared & Analyzed: 18-Jun-13

Total Petroleum Hydrocarbons 2000 19.9 mg/kg 1990 39.9 98.2 80-120

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Fred Feasel E #1
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
18-Jun-13 16:16

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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