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: Kurt Hoekstra
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3202
Facility Name: Ute Indian A # 16 (30-045-24610)	Facility Type: Gas Well (Ute Dome Dakota)

Surface Owner: Ute Mountain Tribe	Mineral Owner:	Lease No. 14-20-604-62

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	36	32N	14W	790	FSL	1060	FEL	San Juan

Latitude: 36.93969 **Longitude:** -108.25283

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: June 17, 2013 17:34 Hrs.
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	RCVD AUG 28 '13
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	OIL CONS. DIV. DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*The below grade tank was removed at the Ute Indian A # 16 well site due to plugging and abandoning of the well. 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' spill confirmation standards for benzene, total BTEX and chlorides, but above the 100 ppm TPH standard at 17100 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 and a distance to surface water of more than 1,000 feet and distance to a water well of greater than 1,000 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.*
The below grade tank closure sample was analyzed for DRO/GRO via USEPA Method 8015, returning results of 460 mg/kg and < 0.52 mg/kg respectively. This is below the 5000 ppm 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: Kurt Hoekstra	OIL CONSERVATION DIVISION Approved by District Supervisor: Jonathan D. Kelly
Printed Name: Kurt Hoekstra	
Title: Environmental Coordinator	Approval Date: 8/28/2013 Expiration Date:
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval: Attached ☐
Date: 7-26-13 Phone: 505-333-3202	

nJK1324055529

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0404

Samples Received: 6/10/2013 4:20:00PM

Job Number: 98031-0528

Work Order: P306040

Project Name/Location: Ute Indians A #16

Entire Report Reviewed By: _____ Date: 6/17/13

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.

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

envirotech
Analytical Laboratory

XTO Energy Inc.	Project Name:	Ute Indians A #16	
382 CR 3100	Project Number:	98031-0528	**Reported:**
Aztec NM, 87410	Project Manager:	James McDaniel	17-Jun-13 17:34

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Cellar	P306040-01A	Soil	06/10/13	06/10/13	Glass Jar, 4 oz.

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

XTO Energy Inc.	Project Name:	Ute Indians A #16	
382 CR 3100	Project Number:	98031-0528	**Reported:**
Aztec NM, 87410	Project Manager:	James McDaniel	17-Jun-13 17:34

BGT Cellar

P306040-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	**17100**	160	mg/kg	8	1324038	14-Jun-13	14-Jun-13	EPA 418.1	

XTO Energy Inc.	Project Name:	Ute Indians A #16	
382 CR 3100	Project Number:	98031-0528	**Reported:**
Aztec NM, 87410	Project Manager:	James McDaniel	17-Jun-13 17:34

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 1324038 - 418 Freon Extraction										
Blank (1324038-BLK1)				Prepared & Analyzed: 14-Jun-13						
Total Petroleum Hydrocarbons	ND	19.9	mg/kg							
Duplicate (1324038-DUP1)		Source: P306040-01		Prepared & Analyzed: 14-Jun-13						
Total Petroleum Hydrocarbons	17000	160	mg/kg		17100			0.543	30	
Matrix Spike (1324038-MS1)		Source: P306040-01		Prepared & Analyzed: 14-Jun-13						
Total Petroleum Hydrocarbons	19400	160	mg/kg	2000	17100	115	80-120			

envirotech
Analytical Laboratory

XTO Energy Inc.	Project Name:	Ute Indians A #16	
382 CR 3100	Project Number:	98031-0528	**Reported:**
Aztec NM, 87410	Project Manager:	James McDaniel	17-Jun-13 17:34

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

XTO ENERGY
Western Division

Quote Number	Page ___ of ___	
XTO Contact: KURT HOEKSTRA	XTO Contact Phone #: 505-486-9543	
Email Results to: JAMES McDANIEL, KURT HOEKSTRA, LORAN HIXON		
Well Site/Location: UTE INDIANS A #16	API Number: 30-045-24610	Test Reason: BGT CLOSURE
Collected By: KURT HOEKSTRA	Samples on Ice: (Y) N	Turnaround: X Standard; ___ Next Day; ___ Two Day; ___ Three Day; ___ Std. 5 Bus. Days (by contract)
Company: XTO	QA/QC Requested: YES	
Signature: Kurt Hoekstra	Gray Areas for Lab Use Only!	Date Needed ___

Analysis: 418.1

Lab Information: 98031-0528

Office Abbreviations
Farmington = FAR
Durango = DUR
Bakken = BAK
Raton = RAT
Piceance = PC
Roosevelt = RSV
La Barge = LB
Orangeville = OV

Sample ID	Sample Name	Media	Date	Time	Preservative	No. of Conts.	Sample Number
FARKH-061013-1030	BGT CELLAR	S	6/10	10:30	ON ICE	(1) 4oz JAR	P30640-01

Media: Filter = F / Soil = S Wastewater = WW Groundwater = GW Drinking Waster = DW Sludge = SG Surface Water = SW Air = A Drill Mud = DM Other = OT

Relinquished By: (Signature) Kurt Hoekstra	Date: 6-10-13	Time: 4:20	Received By: (Signature)	Number of Bottles	Sample Condition
Relinquished By: (Signature)	Date:	Time:	Received By: (Signature)	Temperature: °C	Other Information
Relinquished By: (Signature)	Date:	Time:	Received for Lab by: (Signature)	Date: 6/11/13	Time: 11:20

Comments

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

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Tax I.D. 62-0814289

Est. 1970

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

Report Summary

Wednesday June 19, 2013

Report Number: L640551
Samples Received: 06/11/13
Client Project: 30-0415-24610

Description: Ute Indians A#16

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 R Richards

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.

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

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

June 19,2013

ESC Sample # : L640551-01

Site ID : BGT CLOSURE

Project # : 30-0415-24610

Date Received : June 11, 2013
Description : Ute Indians A#16

Sample ID : FARKH-061013-1030

Collected By : Kurt Hoekstra
Collection Date : 06/10/13 10:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	64.	10.	mg/kg	9056	06/15/13	1
Total Solids	96.4	0.100	%	2540 G-2011	06/18/13	1
Benzene	BDL	0.0026	mg/kg	8021/8015	06/12/13	5
Toluene	BDL	0.026	mg/kg	8021/8015	06/12/13	5
Ethylbenzene	BDL	0.0026	mg/kg	8021/8015	06/12/13	5
Total Xylene	BDL	0.0078	mg/kg	8021/8015	06/12/13	5
TPH (GC/FID) Low Fraction	BDL	0.52	mg/kg	GRO	06/12/13	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	100.		% Rec.	8021/8015	06/12/13	5
a,a,a-Trifluorotoluene(PID)	99.5		% Rec.	8021/8015	06/12/13	5
TPH (GC/FID) High Fraction	460	210	mg/kg	3546/DRO	06/17/13	50
Surrogate recovery(%)						
o-Terphenyl	64.1		% Rec.	3546/DRO	06/17/13	50

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted
Reported: 06/19/13 10:09 Printed: 06/19/13 10:10

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L640551-01	WG666781	SAMP	o-Terphenyl	R2711605	J7

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/19/13 at 10:10:15

TSR Signing Reports: 288
R5 - Desired TAT

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

Sample: L640551-01 Account: XTORNM Received: 06/11/13 09:30 Due Date: 06/18/13 00:00 RPT Date: 06/19/13 10:09

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James McDaniel
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Quality Assurance Report
Level II

L640551

June 19, 2013

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg			WG666025	06/12/13 16:17
Ethylbenzene	< .0005	mg/kg			WG666025	06/12/13 16:17
Toluene	< .005	mg/kg			WG666025	06/12/13 16:17
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG666025	06/12/13 16:17
Total Xylene	< .0015	mg/kg			WG666025	06/12/13 16:17
a,a,a-Trifluorotoluene(FID)		% Rec.	101.1	59-128	WG666025	06/12/13 16:17
a,a,a-Trifluorotoluene(PID)		% Rec.	101.0	54-144	WG666025	06/12/13 16:17
Chloride	< 10	mg/kg			WG666768	06/15/13 10:38
Total Solids	< .1	%			WG667038	06/18/13 09:10

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	63.0	62.0	1.60	20	L640551-01	WG666768
Total Solids	%	96.0	96.4	0.115	5	L640551-01	WG667038

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0479	95.8	76-113	WG666025
Ethylbenzene	mg/kg	.05	0.0481	96.3	78-115	WG666025
Toluene	mg/kg	.05	0.0476	95.1	76-114	WG666025
Total Xylene	mg/kg	.15	0.147	98.1	81-118	WG666025
a,a,a-Trifluorotoluene(PID)				102.2	54-144	WG666025
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.75	105.	67-135	WG666025
a,a,a-Trifluorotoluene(FID)				102.1	59-128	WG666025
Chloride	mg/kg	200	206.	103.	80-120	WG666768
Total Solids	%	50	50.0	100.	85-115	WG667038

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0461	0.0479	92.0	76-113	3.89	20	WG666025
Ethylbenzene	mg/kg	0.0462	0.0481	92.0	78-115	4.11	20	WG666025
Toluene	mg/kg	0.0455	0.0476	91.0	76-114	4.34	20	WG666025
Total Xylene	mg/kg	0.141	0.147	94.0	81-118	3.96	20	WG666025
a,a,a-Trifluorotoluene(PID)				100.0	54-144			WG666025
TPH (GC/FID) Low Fraction	mg/kg	5.60	5.75	102.	67-135	2.65	20	WG666025
a,a,a-Trifluorotoluene(FID)				100.8	59-128			WG666025
Chloride	mg/kg	208.	206.	104.	80-120	0.966	20	WG666768

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/kg	2.37	0	.05	94.0	32-137	L640621-06	WG666025
Ethylbenzene	mg/kg	2.40	0	.05	95.0	10-150	L640621-06	WG666025
Toluene	mg/kg	2.39	0	.05	94.6	20-142	L640621-06	WG666025

* 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

Aztec, NM 87410

Quality Assurance Report
Level II

L640551

June 19, 2013

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Total Xylene	mg/kg	7.39	0	.15	97.5	16-141	L640621-06	WG666025
a,a,a-Trifluorotoluene(PID)					99.28	54-144		WG666025
TPH (GC/FID) Low Fraction	mg/kg	298.	2.19	5.5	106.	55-109	L640621-06	WG666025
a,a,a-Trifluorotoluene(FID)					102.4	59-128		WG666025
Chloride	mg/kg	584.	60.0	500	105.	80-120	L641469-02	WG666768

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/kg	2.42	2.37	95.9	32-137	2.03	39	L640621-06	WG666025
Ethylbenzene	mg/kg	2.41	2.40	95.6	10-150	0.630	44	L640621-06	WG666025
Toluene	mg/kg	2.40	2.39	95.1	20-142	0.470	42	L640621-06	WG666025
Total Xylene	mg/kg	7.52	7.39	99.3	16-141	1.78	46	L640621-06	WG666025
a,a,a-Trifluorotoluene(PID)				99.59	54-144				WG666025
TPH (GC/FID) Low Fraction	mg/kg	306.	298.	110.*	55-109	2.95	20	L640621-06	WG666025
a,a,a-Trifluorotoluene(FID)				102.1	59-128				WG666025
Chloride	mg/kg	565.	584.	101.	80-120	3.31	20	L641469-02	WG666768

Batch number /Run number / Sample number cross reference

WG666025: R2706261: L640551-01
WG666768: R2709600: L640551-01
WG667038: R2711241: L640551-01
WG666781: R2711605: L640551-01

* * 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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XTO Energy - San Juan Division
James McDaniel
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Aztec, NM 87410

Quality Assurance Report
Level II

L640551

June 19, 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.