

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

DEC 26 2014

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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: Logan Hixon
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683
Facility Name: Ute Indians A 4	Facility Type: Gas Well

Surface Owner: Federal Land	Mineral Owner	API No. 30-045-11147
-----------------------------	---------------	----------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	35	32 N	14W	1980	FSL	660	FEL	San Juan

Latitude: N36*.941909 Longitude: W-108*.269569

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: Unknown
Source of Release: BGT	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: July 31, 2014
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	
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 taken out of service at the Ute Indians A 4 well site due to the P&A'ing 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 the total chlorides, but above the 'pit rule' standards for TPH, 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 10 due to an estimated depth to groundwater of greater than 100 feet, distance to water well greater than 1000 feet, and distance to surface water less than 1000 feet but greater than 200 feet. This set the closure standard to 1,000 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 710 ppm TPH. This is below the 1,000 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>Logan Hixon</i>	OIL CONSERVATION DIVISION	
Printed Name: Logan Hixon	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: EHS Coordinator	Approval Date: 2/5/15	Expiration Date: <i>[Signature]</i>
E-mail Address: Logan_Hixon@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12-23-14	Phone: 505-333-3683	

* Attach Additional Sheets If Necessary

#NCS 15034640545

(14)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859
Tax I.D. 62-0814289
Est. 1970

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

Report Summary

Friday August 01, 2014

Report Number: L712959

Samples Received: 07/31/14

Client Project:

Description: Ute Indians A4

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.

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.



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

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

August 01, 2014

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

Date Received : July 31, 2014
Description : Ute Indians A4

Sample ID : FARLH-072914-1430

Collected By : Logan Hixon
Collection Date : 07/21/14 14:30

ESC Sample # : L712959-01

Site ID :

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	19.	11.	mg/kg	9056MOD	07/31/14	1
Total Solids	89.1		%	2540 G-2011	08/01/14	1
Benzene	BDL	0.0028	mg/kg	8021/8015	07/31/14	5
Toluene	BDL	0.028	mg/kg	8021/8015	07/31/14	5
Ethylbenzene	BDL	0.0028	mg/kg	8021/8015	07/31/14	5
Total Xylene	BDL	0.0084	mg/kg	8021/8015	07/31/14	5
TPH (GC/FID) Low Fraction	BDL	0.56	mg/kg	GRO	07/31/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	96.0		% Rec.	8021/8015	07/31/14	5
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021/8015	07/31/14	5
TPH (GC/FID) High Fraction	710	22.	mg/kg	3546/DRO	08/01/14	5
Surrogate recovery(%)						
o-Terphenyl	109.		% Rec.	3546/DRO	08/01/14	5

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: 08/01/14 14:39 Printed: 08/01/14 14:39

L712959-01 (DRO) - Dilution due to matrix

Summary of Remarks For Samples Printed
08/01/14 at 14:39:52

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: L712959-01 Account: XTORNM Received: 07/31/14 09:00 Due Date: 08/01/14 00:00 RPT Date: 08/01/14 14:39



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

Tax I.D. 62-0814289

Est. 1970

YOUR LAB. OF CHOICE

XTO Energy - San Juan Division
Logan Hixon
382 County Road 3100

Quality Assurance Report
Level II

Aztec, NM 87410

L712959

August 01, 2014

Analyte	Result	Laboratory Units	Blank % Rec	Limit	Batch	Date Analyzed
Chloride	< 10	mg/kg			WG734750	07/31/14 14:29
Total Solids	< .1	%			WG734729	08/01/14 07:14
Benzene	< .0005	mg/kg			WG734783	07/31/14 21:25
Ethylbenzene	< .0005	mg/kg			WG734783	07/31/14 21:25
Toluene	< .005	mg/kg			WG734783	07/31/14 21:25
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG734783	07/31/14 21:25
Total Xylene	< .0015	mg/kg			WG734783	07/31/14 21:25
a,a,a-Trifluorotoluene (FID)		% Rec.	97.20	59-128	WG734783	07/31/14 21:25
a,a,a-Trifluorotoluene (PID)		% Rec.	102.0	54-144	WG734783	07/31/14 21:25
TPH (GC/FID) High Fraction	< 4	mg/kg			WG734829	08/01/14 01:02
o-Terphenyl		% Rec.	72.10	50-150	WG734829	08/01/14 01:02

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	410.	344.	17.0	20	L712988-01	WG734750
Total Solids	%	73.4	73.9	0.603	5	L712953-02	WG734729

Analyte	Units	Laboratory Known Val	Control Sample Result	% Rec	Limit	Batch
Chloride	mg/kg	200	198.	99.0	80-120	WG734750
Total Solids	%	50	50.0	100.	85-115	WG734729
Benzene	mg/kg	.05	0.0473	94.6	70-130	WG734783
Ethylbenzene	mg/kg	.05	0.0478	95.5	70-130	WG734783
Toluene	mg/kg	.05	0.0477	95.5	70-130	WG734783
Total Xylene	mg/kg	.15	0.145	96.9	70-130	WG734783
a,a,a-Trifluorotoluene (FID)				97.60	59-128	WG734783
a,a,a-Trifluorotoluene (PID)				101.0	54-144	WG734783
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.33	97.0	63.5-137	WG734783
a,a,a-Trifluorotoluene (FID)				99.20	59-128	WG734783
a,a,a-Trifluorotoluene (PID)				111.0	54-144	WG734783
TPH (GC/FID) High Fraction	mg/kg	60	52.1	86.9	50-150	WG734829
o-Terphenyl				83.80	50-150	WG734829

Analyte	Units	Laboratory Result	Control Ref	Sample %Rec	Duplicate	Limit	RPD	Limit	Batch
Chloride	mg/kg	196.	198.	98.0		80-120	1.00	20	WG734750
Benzene	mg/kg	0.0464	0.0473	93.0		70-130	2.02	20	WG734783
Ethylbenzene	mg/kg	0.0464	0.0478	93.0		70-130	2.96	20	WG734783
Toluene	mg/kg	0.0462	0.0477	92.0		70-130	3.26	20	WG734783
Total Xylene	mg/kg	0.141	0.145	94.0		70-130	3.20	20	WG734783

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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

Tax I.D. 62-0814289

Est. 1970

YOUR LAB OF CHOICE

XTO Energy - San Juan Division
Logan Hixon
382 County Road 3100

Quality Assurance Report
Level II

Aztec, NM 87410

L712959

August 01, 2014

Analyte	Laboratory Control		Sample Duplicate		Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
a,a,a-Trifluorotoluene(FID)				97.40	59-128			
a,a,a-Trifluorotoluene(PID)				101.0	54-144			
TPH (GC/FID) Low Fraction	mg/kg	5.47	5.33	99.0	63.5-137	2.51	20	WG734783
a,a,a-Trifluorotoluene(FID)				99.00	59-128			WG734783
a,a,a-Trifluorotoluene(PID)				111.0	54-144			WG734783
TPH (GC/FID) High Fraction	mg/kg	51.2	52.1	85.0	50-150	1.86	20	WG734829
o-Terphenyl				83.20	50-150			WG734829

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
Chloride	mg/kg	1040	655.	500	77.0*	80-120	L712988-02	WG734750
Benzene	mg/kg	0.250	0.000445	.05	100.	49.7-127	L713117-01	WG734783
Ethylbenzene	mg/kg	0.249	0.000395	.05	100.	40.8-141	L713117-01	WG734783
Toluene	mg/kg	0.251	0.000924	.05	100.	49.8-132	L713117-01	WG734783
Total Xylene	mg/kg	0.758	0.00163	.15	100.	41.2-140	L713117-01	WG734783
a,a,a-Trifluorotoluene(FID)					96.70	59-128		WG734783
a,a,a-Trifluorotoluene(PID)					100.0	54-144		WG734783
TPH (GC/FID) Low Fraction	mg/kg	27.8	0.110	5.5	100.	28.5-138	L713117-01	WG734783
a,a,a-Trifluorotoluene(FID)					98.80	59-128		WG734783
a,a,a-Trifluorotoluene(PID)					110.0	54-144		WG734783
TPH (GC/FID) High Fraction	mg/kg	51.4	0.853	60	84.0	50-150	L711598-05	WG734829
o-Terphenyl					84.10	50-150		WG734829

Analyte	Units	MSD	Matrix Spike Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	1020	1040	72.5*	80-120	2.00	20	L712988-02	WG734750
Benzene	mg/kg	0.264	0.250	105.	49.7-127	5.50	23.5	L713117-01	WG734783
Ethylbenzene	mg/kg	0.261	0.249	104.	40.8-141	4.55	23.8	L713117-01	WG734783
Toluene	mg/kg	0.262	0.251	104.	49.8-132	4.16	23.5	L713117-01	WG734783
Total Xylene	mg/kg	0.790	0.758	105.	41.2-140	4.12	23.7	L713117-01	WG734783
a,a,a-Trifluorotoluene(FID)				96.50	59-128				WG734783
a,a,a-Trifluorotoluene(PID)				100.0	54-144				WG734783
TPH (GC/FID) Low Fraction	mg/kg	28.1	27.8	102.	28.5-138	1.11	23.6	L713117-01	WG734783
a,a,a-Trifluorotoluene(FID)				99.10	59-128				WG734783
a,a,a-Trifluorotoluene(PID)				110.0	54-144				WG734783
TPH (GC/FID) High Fraction	mg/kg	51.5	51.4	84.4	50-150	0.200	20	L711598-05	WG734829
o-Terphenyl				83.50	50-150				WG734829

Batch number /Run number / Sample number cross reference

WG734750: R2970538: L712959-01
WG734729: R2970644: L712959-01
WG734783: R2970765: L712959-01
WG734829: R2970811: L712959-01

* * 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
Logan Hixon
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L712959

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

Tax I.D. 62-0814289

Est. 1970

August 01, 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.

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

0079



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0078

Samples Received: 7/29/2014 3:49:00PM

Job Number: 98031-0528

Work Order: P407111

Project Name/Location: Ute Indians A 4

Entire Report Reviewed By:

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

Date: 7/31/14

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: Ute Indians A 4
 Project Number: 98031-0528
 Project Manager: Logan Hixon

Reported:
 31-Jul-14 12:11

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Composite	P407111-01A	Soil	07/29/14	07/29/14	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



XTO Energy Inc.	Project Name:	Ute Indians A 4	
382 CR 3100	Project Number:	98031-0528	Reported:
Aztec NM, 87410	Project Manager:	Logan Hixon	31-Jul-14 12:11

BGT Composite
P407111-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Total Petroleum Hydrocarbons by 418.1

Total Petroleum Hydrocarbons	1010	35.0	mg/kg	1	1431013	07/30/14	07/30/14	EPA 418.1		
------------------------------	------	------	-------	---	---------	----------	----------	-----------	--	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

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: Ute Indians A 4
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
31-Jul-14 12:11

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 1431013 - 418 Freon Extraction

Blank (1431013-BLK1)

Prepared & Analyzed: 30-Jul-14

Total Petroleum Hydrocarbons ND 34.9 mg/kg

Duplicate (1431013-DUP1)

Source: P407109-01

Prepared & Analyzed: 30-Jul-14

Total Petroleum Hydrocarbons ND 35.0 mg/kg ND 30

Matrix Spike (1431013-MS1)

Source: P407109-01

Prepared & Analyzed: 30-Jul-14

Total Petroleum Hydrocarbons 1930 34.9 mg/kg 2020 ND 95.4 80-120

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Ute Indians A 4
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
31-Jul-14 12:11

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

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.


5796 US Highway 64, Farmington, NM 87401

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

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

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



	Quote Number		Page <u>1</u> of <u>1</u>		Analysis <div style="display: flex; justify-content: space-around; align-items: center; height: 100px;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">418.1</div> <div style="border: 1px solid black; width: 100%; height: 100%;"></div> </div>								Lab Information			
	XTO Contact		XTO Contact Phone # <u>505 386-8018</u>										<u>98031-0528</u>			
	Email Results to: <u>Logan, Kurt, James</u>															
Well Site/Location <u>UTIE Indians A4</u>		API Number <u>38-045-11147</u>		Test Reason <u>BST Closure</u>										Office Abbreviations Farmington = FAR Durango = DUR Bakken = BAK Raton = RAT Piceance = PC Roosevelt = RSU La Barge = LB Orangeville = OV		
Collected By <u>Logan Hixon</u>		Samples on Ice <u>(N)</u>		Turnaround												
Company <u>XTO</u>		QA/QC Requested		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Next Day <input type="checkbox"/> Two Day <input type="checkbox"/> Three Day <input type="checkbox"/> Std. 5 Bus. Days (by contract)												
Signature <u>Joy H</u>		Gray Areas for Lab Use Only!		Date Needed _____												
Sample ID		Sample Name		Media	Date	Time	Preservative	No. of Contrs.	Sample Number <u>P418-7111-01</u>							
<u>FARLI-072914-1430</u>		<u>Bgt Composite</u>		<u>S</u>	<u>7-29</u>	<u>1430</u>	<u>Coal</u>	<u>1-40T</u>								
Media : Filter = F Soil = S Wastewater = WW Groundwater = GW Drinking Water = DW Sludge = SG Surface Water = SW Air = A Drill Mud = DM Other = OT																
Relinquished By: (Signature) <u>Joy H</u>				Date: <u>7-29-14</u>		Time: <u>1545</u>		Received By: (Signature)				Number of Bottles		Sample Condition		
Relinquished By: (Signature)				Date:		Time:		Received By: (Signature)				Temperature: <u>123</u>		Other Information <u>Intact</u>		
Relinquished By: (Signature)				Date:		Time:		Received for Lab by: (Signature) <u>Gene Zorn</u>				Date: <u>7/29/14</u>				Time: <u>15:49</u>
Comments																

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

0078