

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

OIL CONS. DIV DIST. 3

DEC 11 2014

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: 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\*.94279 Longitude: W-108\*.27093

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 0 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 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.* 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 5,000 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: <u>Logan Hixon</u>	OIL CONSERVATION DIVISION		<b>DENIED</b>
Printed Name: Logan Hixon	Approved by Environmental Specialist		
Title: EHS Coordinator	Approval Date:	Expiration Date:	
E-mail Address: Logan_Hixon@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>	
Date: <u>12-9-14</u>	Phone: 505-333-3683	BY: <u>Cory Smith</u> DATE: <u>1/8/15</u> (505) 334-6178 Ext. 115	

\* Attach Additional Sheets If Necessary

Based on Contingency given  
NMOCD Ranking is 20  
Due to < 200' from Surface Body.  
Xt NEED to Evaluate Further.

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12065 Lebanon Rd.  
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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

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.



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REPORT OF ANALYSIS

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

August 01, 2014

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:

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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



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Logan Hixon  
382 County Road 3100

Quality Assurance Report  
Level II

Aztec, NM 87410

August 01, 2014

L712959

Analyte	Result	Laboratory Blank Units % 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 Control Known Val	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 Control Result 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.'



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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	Matrix Spike Duplicate				Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec						
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.'



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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

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