

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: Logan Hixon	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683	
Facility Name: Hun Ne Pah 1	Facility Type: Gas Well	
Surface Owner: Federal Land	Mineral Owner	API No. 30-045-21214

LOCATION OF RELEASE

Unit Letter E	Section 10	Township 25 N	Range 11W	Feet from the 1800	North/South Line FNL	Feet from the 800	East/West Line FWL	County San Juan
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OIL CONS. DIV DIST. 3

Latitude: N36*.41779 Longitude: W-107*.99693

AUG 14 2014

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: March 28, 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 Hun Ne Pah 1 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 1,000 feet. This set the closure standard to 5,000 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 260 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: <i>Logan Hixon</i>	OIL CONSERVATION DIVISION	
Printed Name: Logan Hixon	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: EHS Coordinator	Approval Date: <i>8/20/14</i>	Expiration Date:
E-mail Address: Logan.Hixon@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>August 12, 2014</i>	Phone: 505-333-3683	

* Attach Additional Sheets If Necessary

#XCS 1423 255 209



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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 March 28, 2014

Report Number: L690044

Samples Received: 03/26/14

Client Project:

Description: Hun NE PAH #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:

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

March 28, 2014

Date Received : March 26, 2014
Description : Hun NE PAH #1
Sample ID : FARLH-032514-1030
Collected By : Logan Hixon
Collection Date : 03/25/14 10:30

ESC Sample # : L690044-01

Site ID :

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	76.	11.	mg/kg	9056	03/27/14	1
Total Solids	91.1		%	2540 G-2011	03/27/14	1
Benzene	BDL	0.0027	mg/kg	8021/8015	03/27/14	5
Toluene	BDL	0.027	mg/kg	8021/8015	03/27/14	5
Ethylbenzene	BDL	0.0027	mg/kg	8021/8015	03/27/14	5
Total Xylene	BDL	0.0082	mg/kg	8021/8015	03/27/14	5
TPH (GC/FID) Low Fraction	BDL	0.55	mg/kg	GRO	03/27/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	98.4		% Rec.	8021/8015	03/27/14	5
a,a,a-Trifluorotoluene (PID)	103.		% Rec.	8021/8015	03/27/14	5
TPH (GC/FID) High Fraction	260	22.	mg/kg	3546/DRO	03/27/14	5
Surrogate recovery(%)						
o-Terphenyl	88.4		% Rec.	3546/DRO	03/27/14	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: 03/28/14 08:48 Printed: 03/28/14 08:48

Summary of Remarks For Samples Printed
03/28/14 at 08:48:26

TSR Signing Reports: 288
R3 - Rush: Two Day

Domestic Water Well Sampling-see L609759 Lobato for tests EDD's on ALL projects email James,
Kurt and Logan all reports

Sample: L690044-01 Account: XTORNM Received: 03/26/14 09:30 Due Date: 03/28/14 00:00 RPT Date: 03/28/14 08:48



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Logan Hixon
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L690044

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March 28, 2014

Analyte	Result	Laboratory Blank Units % Rec	Limit	Batch	Date Analyzed
Total Solids	< .1	%		WG712887	03/27/14 07:57
Chloride	< 10	mg/kg		WG712604	03/26/14 20:29
Benzene	< .0005	mg/kg		WG713012	03/27/14 13:07
Ethylbenzene	< .0005	mg/kg		WG713012	03/27/14 13:07
Toluene	< .005	mg/kg		WG713012	03/27/14 13:07
TPH (GC/FID) Low Fraction	< .1	mg/kg		WG713012	03/27/14 13:07
Total Xylene	< .0015	mg/kg		WG713012	03/27/14 13:07
a,a,a-Trifluorotoluene(FID)		% Rec. 99.50	59-128	WG713012	03/27/14 13:07
a,a,a-Trifluorotoluene(PID)		% Rec. 104.0	54-144	WG713012	03/27/14 13:07
TPH (GC/FID) High Fraction	< 4	mg/kg		WG712951	03/26/14 22:37
o-Terphenyl		% Rec. 98.30	50-150	WG712951	03/26/14 22:37

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	84.7	84.5	0.242	5	L689995-02	WG712887
Chloride	mg/kg	0.0	61.8	NA	20	L689580-02	WG712604
Chloride	mg/kg	5500	4800	13.6	20	L689713-03	WG712604

Analyte	Units	Laboratory Known Val	Control Sample Result	% Rec	Limit	Batch
Total Solids	%	50	50.1	100.	85-115	WG712887
Chloride	mg/kg	200	217.	109.	80-120	WG712604
Benzene	mg/kg	.05	0.0482	96.3	70-130	WG713012
Ethylbenzene	mg/kg	.05	0.0486	97.3	70-130	WG713012
Toluene	mg/kg	.05	0.0487	97.5	70-130	WG713012
Total Xylene	mg/kg	.15	0.149	99.6	70-130	WG713012
a,a,a-Trifluorotoluene(PID)				103.0	54-144	WG713012
TPH (GC/FID) Low Fraction	mg/kg	5.5	4.91	89.3	63.5-137	WG713012
a,a,a-Trifluorotoluene(FID)				101.0	59-128	WG713012
TPH (GC/FID) High Fraction	mg/kg	60	52.5	87.5	50-150	WG712951
o-Terphenyl				94.40	50-150	WG712951

Analyte	Units	Laboratory Control Sample Duplicate Result Ref %Rec	Limit	RPD	Limit	Batch
Chloride	mg/kg	221. 217. 110.	80-120	1.83	20	WG712604
Benzene	mg/kg	0.0481 0.0482 96.0	70-130	0.140	20	WG713012
Ethylbenzene	mg/kg	0.0486 0.0486 97.0	70-130	0.0800	20	WG713012
Toluene	mg/kg	0.0484 0.0487 97.0	70-130	0.730	20	WG713012
Total Xylene	mg/kg	0.149 0.149 99.0	70-130	0.550	20	WG713012
a,a,a-Trifluorotoluene(PID)			54-144			WG713012

* 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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Quality Assurance Report
Level II

L690044

March 28, 2014

Analyte	Units	Laboratory Result	Control Ref	Sample %Rec	Duplicate %Rec	Limit	RPD	Limit	Batch
TPH (GC/FID) Low Fraction	mg/kg	4.64	4.91	84.0	100.0	63.5-137	5.68	20	WG713012
a,a,a-Trifluorotoluene(FID)						59-128			WG713012
TPH (GC/FID) High Fraction	mg/kg	52.5	52.5	88.0	94.90	50-150	0.0300	20	WG712951
o-Terphenyl						50-150			WG712951

Analyte	Units	MS Res	Matrix Ref	Spike Res	Duplicate TV	% Rec	Limit	Ref Samp	Batch
Chloride	mg/kg	1420	1200	500	44.0*	80-120	L689713-01	WG712604	
Benzene	mg/kg	0.232	0.000562	.05	93.0	49.7-127	L690031-01	WG713012	
Ethylbenzene	mg/kg	0.229	0.000285	.05	92.0	40.8-141	L690031-01	WG713012	
Toluene	mg/kg	0.234	0.00106	.05	93.0	49.8-132	L690031-01	WG713012	
Total Xylene	mg/kg	0.703	0.00178	.15	93.0	41.2-140	L690031-01	WG713012	
a,a,a-Trifluorotoluene(PID)					103.0	54-144		WG713012	
TPH (GC/FID) Low Fraction	mg/kg	20.4	0.0	5.5	74.0	28.5-138	L690031-01	WG713012	
a,a,a-Trifluorotoluene(FID)					100.0	59-128		WG713012	

Analyte	Units	MSD	Matrix Ref	Spike Res	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	1490	1420	58.0*	80-120	4.81	20	L689713-01	WG712604	
Benzene	mg/kg	0.228	0.232	91.2	49.7-127	1.62	23.5	L690031-01	WG713012	
Ethylbenzene	mg/kg	0.222	0.229	88.7	40.8-141	3.33	23.8	L690031-01	WG713012	
Toluene	mg/kg	0.226	0.234	90.1	49.8-132	3.36	23.5	L690031-01	WG713012	
Total Xylene	mg/kg	0.677	0.703	90.0	41.2-140	3.71	23.7	L690031-01	WG713012	
a,a,a-Trifluorotoluene(PID)				103.0	54-144				WG713012	
TPH (GC/FID) Low Fraction	mg/kg	18.7	20.4	68.1	28.5-138	8.57	23.6	L690031-01	WG713012	
a,a,a-Trifluorotoluene(FID)				99.10	59-128				WG713012	

Batch number /Run number / Sample number cross reference

WG712887: R2898040: L690044-01
WG712604: R2898179: L690044-01
WG713012: R2898250: L690044-01
WG712951: R2898256: L690044-01

* * 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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Quality Assurance Report
Level II

Aztec, NM 87410

L690044

March 28, 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-IVMIDDYY-1200