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

30-045-31302

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: James McDaniel
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3701
Facility Name: Berger A #1E (30-045-31302)	Facility Type: Gas Well (Dakota)

Surface Owner: Federal	Mineral Owner:	Lease No.:

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	21	26N	11W	1700	FNL	955	FEL	San Juan

Latitude: 36.4759 **Longitude:** -108.0036

NATURE OF RELEASE

Type of Release: Condensate	Volume of Release: 7.5 BBLs	Volume Recovered: 4 BBLs
Source of Release: Wellhead	Date and Hour of Occurrence: November 25, 2010	Date and Hour of Discovery: November 25, 2010 - 14:30
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse	

RCVD DEC 6 '10
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
On November 25, 2010, an XTO employee noticed a leak at the wellhead, and water and condensate was pooled up on the well pad near the wellhead. Approximately 7.5 bbls of fluid was spilled, with approximately 4 bbls recovered. The leak on the wellhead was repaired and the leak was stopped. At this time the site was ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 0 due to no groundwater within 100 feet, no surface water within 1,000 feet and no registered water wells within 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.*
On November 26, 2010, approximately 3" was scraped from the spill area. Due to cold weather on the date the spill occurred, much of the spilled liquid froze on the surface, keeping the spill from migrating into the soil. A composite sample was collected in the spill area after the 3 inches of soil was removed. The sample was analyzed for TPH via USEPA Method 8015 and for benzene and BTEX via USEPA Method 8021. The sample returned results below the 5,000 ppm TPH standard, the 10 ppm benzene standard, and the 50 ppm total BTEX standard. All soil will be taken to Envirotech's NMOCD permitted soil remediation facility for disposal. Approximately six (6) yards of impacted soil was removed, and backfill material will be brought in from Four Corners Material. 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:	OIL CONSERVATION DIVISION
Printed Name: James McDaniel	Approved by District Supervisor:
Title: EH&S Specialist	Approval Date: 12/02/2011 Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval: Attached ☐
Date: 12/3/2010 Phone: 505-333-3701	

nJK1133651859

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Fax (615) 758-5859

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Est. 1970

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

Report Summary

Thursday December 02, 2010

Report Number: L491188
Samples Received: 12/01/10
Client Project:

Description: Berger A 1E

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 - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915

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 Road 3100
Aztec, NM 87410

December 02,2010

ESC Sample # : L491188-01

Site ID : BERGER A 1E

Project # :

Date Received : December 01, 2010
Description : Berger A 1E

Sample ID : SPILL AREA AFTER 3IN SCRAPE

Collected By : James McDaniel
Collection Date : 11/29/10 16:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.8		%	2540G	12/02/10	1
Benzene	0.13	0.056	mg/kg	8021/8015	12/01/10	100
Toluene	1.5	0.56	mg/kg	8021/8015	12/01/10	100
Ethylbenzene	1.8	0.056	mg/kg	8021/8015	12/01/10	100
Total Xylene	11.	0.17	mg/kg	8021/8015	12/01/10	100
TPH (GC/FID) Low Fraction	350	11.	mg/kg	GRO	12/01/10	100
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	95.0		% Rec.	8021/8015	12/01/10	100
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021/8015	12/01/10	100
TPH (GC/FID) High Fraction	1300	90.	mg/kg	3546/DRO	12/02/10	20
Surrogate recovery(%)						
o-Terphenyl	0.00		% Rec.	3546/DRO	12/02/10	20

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: 12/02/10 17:03 Printed: 12/02/10 17:15

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L491188-01	WG511056	SAMP	o-Terphenyl	R1495989	J7

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out

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.

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Quality Assurance Report
Level II

L491188

December 02, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg			WG511042	12/01/10 14:45
Ethylbenzene	< .0005	mg/kg			WG511042	12/01/10 14:45
Toluene	< .005	mg/kg			WG511042	12/01/10 14:45
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG511042	12/01/10 14:45
Total Xylene	< .0015	mg/kg			WG511042	12/01/10 14:45
a,a,a-Trifluorotoluene(FID)		% Rec.	96.62	59-128	WG511042	12/01/10 14:45
a,a,a-Trifluorotoluene(PID)		% Rec.	100.2	54-144	WG511042	12/01/10 14:45
Total Solids	< .1	%			WG511090	12/02/10 10:09
TPH (GC/FID) High Fraction	< 4	ppm			WG511056	12/02/10 10:44
o-Terphenyl		% Rec.	70.79	50-150	WG511056	12/02/10 10:44

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	96.0	95.9	0.0187	5	L491223-01	WG511090

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0483	96.6	76-113	WG511042
Ethylbenzene	mg/kg	.05	0.0501	100.	78-115	WG511042
Toluene	mg/kg	.05	0.0483	96.6	76-114	WG511042
Total Xylene	mg/kg	.15	0.147	97.8	81-118	WG511042
a,a,a-Trifluorotoluene(PID)				99.68	54-144	WG511042
TPH (GC/FID) Low Fraction	mg/kg	5.5	6.59	120.	67-135	WG511042
a,a,a-Trifluorotoluene(FID)				101.2	59-128	WG511042
Total Solids	%	50	50.0	100.	85-115	WG511090
TPH (GC/FID) High Fraction	ppm	60	46.5	77.5	50-150	WG511056
o-Terphenyl				77.02	50-150	WG511056

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0486	0.0483	97.0	76-113	0.650	20	WG511042
Ethylbenzene	mg/kg	0.0498	0.0501	100.	78-115	0.450	20	WG511042
Toluene	mg/kg	0.0485	0.0483	97.0	76-114	0.450	20	WG511042
Total Xylene	mg/kg	0.146	0.147	97.0	81-118	0.600	20	WG511042
a,a,a-Trifluorotoluene(PID)				99.66	54-144			WG511042
TPH (GC/FID) Low Fraction	mg/kg	6.73	6.59	122.	67-135	2.06	20	WG511042
a,a,a-Trifluorotoluene(FID)				100.9	59-128			WG511042
TPH (GC/FID) High Fraction	ppm	45.8	46.5	76.0	50-150	1.57	25	WG511056
o-Terphenyl				74.55	50-150			WG511056

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/kg	0.205	0	.05	81.9	32-137	L491177-01	WG511042
Ethylbenzene	mg/kg	0.209	0	.05	83.7	10-150	L491177-01	WG511042
Toluene	mg/kg	0.204	0	.05	81.6	20-142	L491177-01	WG511042

* 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

L491188

December 02, 2010

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Total Xylene	mg/kg	0.616	0	15	82.2	16-141	L491177-01	WG511042
a,a,a-Trifluorotoluene(PID)					99.08	54-144		WG511042
TPH (GC/FID) Low Fraction	mg/kg	26.0	0	5.5	94.4	55-109	L491177-01	WG511042
a,a,a-Trifluorotoluene(FID)					99.81	59-128		WG511042
TPH (GC/FID) High Fraction	ppm	45.8	0	60	76.4	50-150	L491177-01	WG511056
o-Terphenyl					77.26	50-150		WG511056

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/kg	0.224	0.205	89.5	32-137	8.84	39	L491177-01	WG511042
Ethylbenzene	mg/kg	0.226	0.209	90.5	10-150	7.77	44	L491177-01	WG511042
Toluene	mg/kg	0.224	0.204	89.5	20-142	9.19	42	L491177-01	WG511042
Total Xylene	mg/kg	0.662	0.616	88.3	16-141	7.21	46	L491177-01	WG511042
a,a,a-Trifluorotoluene(PID)				99.39	54-144				WG511042
TPH (GC/FID) Low Fraction	mg/kg	27.6	26.0	100.	55-109	6.26	20	L491177-01	WG511042
a,a,a-Trifluorotoluene(FID)				99.84	59-128				WG511042
TPH (GC/FID) High Fraction	ppm	44.2	45.8	73.6	50-150	3.71	25	L491177-01	WG511056
o-Terphenyl				71.98	50-150				WG511056

Batch number /Run number / Sample number cross reference

WG511042: R1494749: L491188-01
WG511090: R1495290: L491188-01
WG511056: R1495989: L491188-01

* * 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

L491188

December 02, 2010

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.