

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

30-045-31039

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: NV Navajo 34-2 (30-045-31039)	Facility Type: Gas Well (Fruitland Coal)

Surface Owner: Navajo	Mineral Owner:	Lease No.:
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LOCATION OF RELEASE

Unit Letter C	Section 34	Township 29N	Range 14W	Feet from the 1080	North/South Line FNL	Feet from the 1870	East/West Line FWL	County San Juan
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Latitude: 36.6871 Longitude: -108.2998

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 5 bbls	Volume Recovered: < 1 bbl
Source of Release: Leaking Water Line	Date and Hour of Occurrence: December 8, 2010	Date and Hour of Occurrence: December 8, 2010
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
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.\*


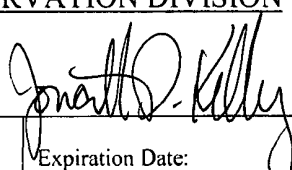
Describe Cause of Problem and Remedial Action Taken.\*

On December 8, 2010 a XTO waterline leak discovered at the NV Navajo 34-2 well site. Approximately 5 bbls of water leaked from the line located on location, and flowed approximately 330 feet in a small drainage feature off the well pad before coming to an end. Less than one bbl was recovered from the well pad. Composite samples were then collected from the spill area on the well pad and off the well pad, as well as from background. The background sample was analyzed for chlorides, while the spill composite samples were analyzed for TPH via USEPA Method 8015, and for benzene and BTEX via USEPA Method 8021. The spill composite samples returned results below the regulatory standards for benzene, total BTEX and TPH. The background sample returned chloride results of 74 ppm, while the spill composite on the well pad returned results of 9,600 ppm, and the spill composite in the drainage feature returned results of 5,800 ppm.

Describe Area Affected and Cleanup Action Taken.\*

The sample results returned results below the most stringent of OCD regulatory standards for TPH, benzene and total BTEX. The OCD does not cite regulatory standards in their Guidelines for the Remediation of Leaks, Spills and Releases for chlorides. The results were shared with Mr. Bill Freeman with the Navajo Nation EPA regarding further action at this location. Due to the small amount of water spilled, and a distance of over 2,500 feet to the nearest significant water feature, Mr. Bill Freeman with the NNEPA agreed that the spill does not pose a threat to human health and the environment. No further action will be taken regarding this spill. All 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: 1/11/2012	Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/21/2010	Phone: 505-333-3701	

NJK 1201150145



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

### Report Summary

Tuesday December 14, 2010

Report Number: L493043

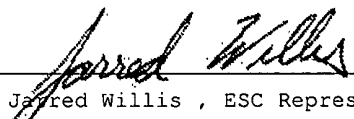
Samples Received: 12/10/10

Client Project:

Description: NV Navajo 34-2

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:

  
Jarred Willis, ESC Representative

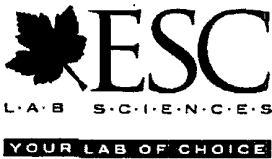
### Laboratory Certification Numbers

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.

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

December 14, 2010

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

Date Received : December 10, 2010  
Description : NV Navajo 34-2  
Sample ID : BACKGROUND  
Collected By : James McDaniel  
Collection Date : 12/08/10 17:10

ESC Sample # : L493043-01

Site ID : NV NAVAJO 34-2

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	74.	10.	mg/kg	9056	12/11/10	1
Total Solids	97.6		%	2540G	12/14/10	1

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: 12/14/10 12:59 Printed: 12/14/10 12:59



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REPORT OF ANALYSIS

December 14, 2010

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

ESC Sample # : L493043-02

Date Received : December 10, 2010  
Description : NV Navajo 34-2

Site ID : NV NAVAJO 34-2

Sample ID : WASH COMPOSITE

Project # :

Collected By : James McDaniel  
Collection Date : 12/08/10 17:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	86.6		%	2540G	12/14/10	1
Benzene	BDL	0.0029	mg/kg	8021/8015	12/10/10	5
Toluene	BDL	0.029	mg/kg	8021/8015	12/10/10	5
Ethylbenzene	BDL	0.0029	mg/kg	8021/8015	12/10/10	5
Total Xylene	BDL	0.0087	mg/kg	8021/8015	12/10/10	5
TPH (GC/FID) Low Fraction	BDL	0.58	mg/kg	GRO	12/10/10	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	104.		% Rec.	8021/8015	12/10/10	5
a,a,a-Trifluorotoluene(PID)	102.		% Rec.	8021/8015	12/10/10	5
TPH (GC/FID) High Fraction	BDL	4.6	mg/kg	3546/DRO	12/13/10	1
Surrogate recovery(%)						
o-Terphenyl	59.4		% Rec.	3546/DRO	12/13/10	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

December 14, 2010

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

Date Received : December 10, 2010  
Description : NV Navajo 34-2

Sample ID : WELL PAD COMPOSITE

Collected By : James McDaniel  
Collection Date : 12/08/10 17:20

ESC Sample # : L493043-03

Site ID : NV NAVAJO 34-2

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.2		%	2540G	12/14/10	1
Benzene	0.0042	0.0030	mg/kg	8021/8015	12/10/10	5
Toluene	BDL	0.030	mg/kg	8021/8015	12/10/10	5
Ethylbenzene	BDL	0.0030	mg/kg	8021/8015	12/10/10	5
Total Xylene	BDL	0.0091	mg/kg	8021/8015	12/10/10	5
TPH (GC/FID) Low Fraction	BDL	0.61	mg/kg	GRO	12/10/10	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	103.		% Rec.	8021/8015	12/10/10	5
a,a,a-Trifluorotoluene (PID)	103.		% Rec.	8021/8015	12/10/10	5
TPH (GC/FID) High Fraction	BDL	4.9	mg/kg	3546/DRO	12/13/10	1
Surrogate recovery(%)						
o-Terphenyl	61.9		% Rec.	3546/DRO	12/13/10	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

December 14, 2010

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

Date Received : December 10, 2010  
Description : NV Navajo 34-2

Sample ID : WASH COMPOSITE

Collected By : James McDaniel  
Collection Date : 12/08/10 17:15

ESC Sample # : L493043-04

Site ID : NV NAVAJO 34-2

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	5800	120	mg/kg	9056	12/11/10	10
Total Solids	86.6		%	2540G	12/14/10	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

December 14, 2010

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

Date Received : December 10, 2010  
Description : NV Navajo 34-2  
Sample ID : WELL PAD COMPOSITE  
Collected By : James McDaniel  
Collection Date : 12/08/10 17:20

ESC Sample # : L493043-05  
Site ID : NV NAVAJO 34-2  
Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	9600	120	mg/kg	9056	12/11/10	10
Total Solids	82.2		%	2540G	12/14/10	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 12/14/10 12:59 Printed: 12/14/10 12:59

Summary of Remarks For Samples Printed  
12/14/10 at 12:59:30

TSR Signing Reports: 288  
R3 - Rush: Two Day

report J's if above limits-B 0.01, T 0.75, E 0.75, X 0.62 mg/l

Sample: L493043-01 Account: XTORNM Received: 12/10/10 09:00 Due Date: 12/14/10 00:00 RPT Date: 12/14/10 12:59

Sample: L493043-02 Account: XTORNM Received: 12/10/10 09:00 Due Date: 12/13/10 00:00 RPT Date: 12/14/10 12:59

Sample: L493043-03 Account: XTORNM Received: 12/10/10 09:00 Due Date: 12/13/10 00:00 RPT Date: 12/14/10 12:59

Sample: L493043-04 Account: XTORNM Received: 12/10/10 09:00 Due Date: 12/14/10 00:00 RPT Date: 12/14/10 12:59  
Transfer TS result from -02.

Sample: L493043-05 Account: XTORNM Received: 12/10/10 09:00 Due Date: 12/14/10 00:00 RPT Date: 12/14/10 12:59  
Transfer TS result from -03.





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Quality Assurance Report  
Level II

L493043

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Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzene	< .0005	mg/kg			WG512655	12/10/10 13:46
Ethylbenzene	< .0005	mg/kg			WG512655	12/10/10 13:46
Toluene	< .005	mg/kg			WG512655	12/10/10 13:46
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG512655	12/10/10 13:46
Total Xylene	< .0015	mg/kg			WG512655	12/10/10 13:46
a,a,a-Trifluorotoluene (FID)		% Rec	105.5	59-128	WG512655	12/10/10 13:46
a,a,a-Trifluorotoluene (PID)		% Rec	104.8	54-144	WG512655	12/10/10 13:46
TPH (GC/FID) High Fraction	< 4	ppm			WG512583	12/13/10 12:31
o-Terphenyl		% Rec	83.53	50-150	WG512583	12/13/10 12:31
Chloride	< 10	mg/kg			WG512672	12/11/10 08:49
Total Solids	< .1	%			WG512749	12/14/10 11:25

Analyte	Units	Result	Duplicate		Limit	Ref Samp	Batch
			Duplicate	RPD			
Total Solids	%	79.0	79.2	0.147	5	L493130-03	WG512749

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/kg	.05	0.0550	110.	76-113	WG512655
Ethylbenzene	mg/kg	.05	0.0548	110.	78-115	WG512655
Toluene	mg/kg	.05	0.0541	108.	76-114	WG512655
Total Xylene	mg/kg	.15	0.169	113.	81-118	WG512655
a,a,a-Trifluorotoluene (PID)				100.7	54-144	WG512655
TPH (GC/FID) Low Fraction	mg/kg	5.5	6.30	115.	67-135	WG512655
a,a,a-Trifluorotoluene (FID)				95.45	59-128	WG512655
TPH (GC/FID) High Fraction	ppm	60	46.8	78.0	50-150	WG512583
o-Terphenyl				73.00	50-150	WG512583
Chloride	mg/kg	200	198.	99.0	85-115	WG512672
Total Solids	%	50	50.0	100.	85-115	WG512749

Analyte	Units	Laboratory Control Sample		% Rec	Limit	RPD	Limit	Batch
		Result	Ref					
Benzene	mg/kg	0.0531	0.0550	106.	76-113	3.52	20	WG512655
Ethylbenzene	mg/kg	0.0523	0.0548	105.	78-115	4.59	20	WG512655
Toluene	mg/kg	0.0517	0.0541	103.	76-114	4.40	20	WG512655
Total Xylene	mg/kg	0.162	0.169	108.	81-118	4.49	20	WG512655
a,a,a-Trifluorotoluene (PID)				99.97	54-144			WG512655
TPH (GC/FID) Low Fraction	mg/kg	6.16	6.30	112.	67-135	2.21	20	WG512655
a,a,a-Trifluorotoluene (FID)				96.06	59-128			WG512655
TPH (GC/FID) High Fraction	ppm	47.2	46.8	78.0	50-150	0.796	25	WG512583
o-Terphenyl				79.43	50-150			WG512583

\* 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

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Laboratory Control Sample Duplicate									
Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch	
Chloride	mg/kg	199.4	198.4	100.5	185-115	0.504	120	WG512672	

Matrix Spike									
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch	
Benzene	mg/kg	0.206	0.00350	0.05	80.8	32-137	L493043-03	WG512655	
Ethylbenzene	mg/kg	0.201	0	0.05	80.3	10-150	L493043-03	WG512655	
Toluene	mg/kg	0.205	0	0.05	92.1	20-142	L493043-03	WG512655	
Total Xylene	mg/kg	0.649	0	0.15	86.5	16-141	L493043-03	WG512655	
a,a,a-Trifluorotoluene(PID)					95.70	54-144		WG512655	
TPH (GC/FID) Low Fraction	mg/kg	28.9	0	5.5	105	55-109	L493043-03	WG512655	
a,a,a-Trifluorotoluene(FID)					95.87	59-128		WG512655	

Matrix Spike Duplicate									
Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/kg	0.265	0.206	105	32-137	25.4	39	L493043-03	WG512655
Ethylbenzene	mg/kg	0.263	0.201	105	10-150	27.0	44	L493043-03	WG512655
Toluene	mg/kg	0.260	0.205	104	20-142	23.7	42	L493043-03	WG512655
Total Xylene	mg/kg	0.821	0.649	109	16-141	23.4	46	L493043-03	WG512655
a,a,a-Trifluorotoluene(PID)				100.0	54-144				WG512655
TPH (GC/FID) Low Fraction	mg/kg	27.8	28.9	101	55-109	4.09	20	L493043-03	WG512655
a,a,a-Trifluorotoluene(FID)				96.44	59-128				WG512655

Batch number /Run number / Sample number cross reference

WG512655: R1502209: L493043-02 03  
WG512583: R1503570: L493043-02 03  
WG512672: R1503691: L493043-01 04 05  
WG512749: R1504213: L493043-01 02 03 04 05

\* \* 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.