

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

30-045-30377

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: W F Federal 28 #4 (30-045-30377)	Facility Type: Gas Well (Harper Hill Fruitland Sand)

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

Unit Letter F	Section 28	Township 30N	Range 14W	Feet from the 1811	North/South Line FNL	Feet from the 1882	East/West Line FWL	County San Juan
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Latitude: 36.7874 Longitude: -108.3171

RCVD AUG 31 '11

OIL CONS. DIV.
DIST 3

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 45 bbls	Volume Recovered: 40
Source of Release: Ruptured Water Line	Date and Hour of Occurrence: August 18, 2011	Date and Hour of Discovery: August 18, 2011 - 1100
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	
By Whom? James McDaniel	Date and Hour: August 19, 2011 - 0727	
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 August 18, 2011, an XTO lease operator noticed a water line leak at the W F Federal 28 #4 well site. The water line was immediately isolated, and the leak was stopped. The leak was from an underground water line that ruptured approximately 1 foot below ground surface. The water surfaced inside the bermed area at the W F Federal 28 #4 and pooled inside the berm. Approximately 45 bbls was released, with 40 bbls being recovered. The pipeline was steel, and was replaced with poly piping to prevent corrosion. The site was then ranked a zero according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. This set the closure standards to 5,000 ppm TPH, 10 ppm benzene and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.*

On August 18, 2011, a spill assessment was performed at the W F Federal 28 #4. The majority of the spill was contained inside the bermed area, with minimal water seeping through the berm. All water remained on the well pad. Two (2) composite samples were collected from the spill area. One (1) composite sample was collected from inside the bermed area, and one (1) composite sample was collected outside the spill area. Both spill composite samples were analyzed for TDRO/GRO via USEPA Method 8015, and for benzene and total BTEX via USEPA Method 8021. Both samples returned results well below the regulatory standard determined for this site. Analytical results are attached for your reference. No further action is required at this location.

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.

OIL CONSERVATION DIVISION

Signature:

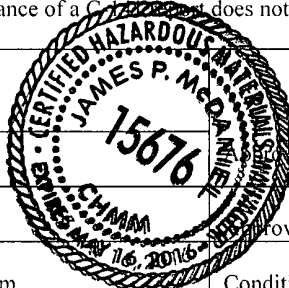
Printed Name: James McDaniel, CHMM #15676

Title: EH&S Supervisor

E-mail Address: James.McDaniel@xtoenergy.com

Date: 8/29/2011

Phone: 505-333-3701



Approved by District Supervisor:

Approval Date: 10/11/11

Expiration Date:

Conditions of Approval:

Attached ☐

nJK1129249823

9



12065 Lebanon Rd.
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Est. 1970

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

Report Summary

Tuesday August 23, 2011

Report Number: L532134

Samples Received: 08/20/11

Client Project:

Description: WF Federal 28-4

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 - 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.

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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

August 23, 2011

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

Date Received : August 20, 2011
Description : WF Federal 28-4
Sample ID : APILL COMPOSITE INSIDE
Collected By : James McDaniel
Collection Date : 08/18/11 14:10

ESC Sample # : L532134-01

Site ID : WF FEDERAL 28-4

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	76.		%	2540G	08/23/11	1
Benzene	0.0046	0.0033	mg/kg	8021/8015	08/21/11	5
Toluene	0.034	0.033	mg/kg	8021/8015	08/21/11	5
Ethylbenzene	0.021	0.0033	mg/kg	8021/8015	08/21/11	5
Total Xylene	0.12	0.0099	mg/kg	8021/8015	08/21/11	5
TPH (GC/FID) Low Fraction	8.7	0.66	mg/kg	GRO	08/21/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	89.9		% Rec.	8021/8015	08/21/11	5
a,a,a-Trifluorotoluene (PID)	95.0		% Rec.	8021/8015	08/21/11	5
TPH (GC/FID) High Fraction	180	5.3	mg/kg	3546/DRO	08/23/11	1
Surrogate recovery(%)						
o-Terphenyl	63.6		% Rec.	3546/DRO	08/23/11	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: 08/23/11 15:06 Printed: 08/23/11 15:06



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REPORT OF ANALYSIS

August 23, 2011

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

ESC Sample # : L532134-02

Date Received : August 20, 2011
Description : WF Federal 28-4

Site ID : WF FEDERAL 28-4

Sample ID : APILL COMPOSITE OUTSIDE

Project # :

Collected By : James McDaniel
Collection Date : 08/18/11 14:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	77.		%	2540G	08/23/11	1
Benzene	0.070	0.0032	mg/kg	8021/8015	08/21/11	5
Toluene	BDL	0.032	mg/kg	8021/8015	08/21/11	5
Ethylbenzene	0.0093	0.0032	mg/kg	8021/8015	08/21/11	5
Total Xylene	0.064	0.0098	mg/kg	8021/8015	08/21/11	5
TPH (GC/FID) Low Fraction	3.6	0.65	mg/kg	GRO	08/21/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	93.4		% Rec.	8021/8015	08/21/11	5
a,a,a-Trifluorotoluene (PID)	96.7		% Rec.	8021/8015	08/21/11	5
TPH (GC/FID) High Fraction	150	5.2	mg/kg	3546/DRO	08/23/11	1
Surrogate recovery(%)						
o-Terphenyl	68.0		% Rec.	3546/DRO	08/23/11	1

Results listed are dry weight basis

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note.

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Reported: 08/23/11 15:06 Printed: 08/23/11 15:06

Summary of Remarks For Samples Printed
08/23/11 at 15:06:37

TSR Signing Reports: 288
R2 - Rush: Next Day

drywt

Sample: L532134-01 Account: XTORNM Received. 08/20/11 09:00 Due Date: 08/23/11 00:00 RPT Date. 08/23/11 15:06

Sample: L532134-02 Account: XTORNM Received. 08/20/11 09:00 Due Date: 08/23/11 00:00 RPT Date. 08/23/11 15:06



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

Quality Assurance Report
Level II

L532134

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August 23, 2011

Analyte	Result	Units	Laboratory Blank % Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg			WG551477	08/20/11 19 51
Ethylbenzene	< .0005	mg/kg			WG551477	08/20/11 19 51
Toluene	< .005	mg/kg			WG551477	08/20/11 19 51
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG551477	08/20/11 19 51
Total Xylene	< .0015	mg/kg			WG551477	08/20/11 19 51
a,a,a-Trifluorotoluene(FID)		% Rec	95 16	59-128	WG551477	08/20/11 19 51
a,a,a-Trifluorotoluene(FID)		% Rec	99.63	54-144	WG551477	08/20/11 19 51
Total Solids	< 1	%			WG551641	08/23/11 10:06
TPH (GC/FID) High Fraction	< 4	ppm			WG551561	08/23/11 12:35
o-Terphenyl		% Rec	82 31	50-150	WG551561	08/23/11 12.35

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	84.0	83 5	0.537	5	L532151-01	WG551641

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Benzene	mg/kg	05	0.0498	99.7	76-113	WG551477
Ethylbenzene	mg/kg	05	0.0510	102	78-115	WG551477
Toluene	mg/kg	.05	0.0528	106	76-114	WG551477
Total Xylene	mg/kg	.15	0.150	99.9	81-118	WG551477
a,a,a-Trifluorotoluene(FID)				99.01	54-144	WG551477
TPH (GC/FID) Low Fraction	mg/kg	5 5	6.33	115	67-135	WG551477
a,a,a-Trifluorotoluene(FID)				96.56	59-128	WG551477
Total Solids	%	50	50.0	100	85-155	WG551641
TPH (GC/FID) High Fraction	ppm	60	50.7	84.5	50-150	WG551561
o-Terphenyl				73.08	50-150	WG551561

Analyte	Units	Laboratory Control Result	Sample Ref	Duplicate % Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0534	0.0498	107	76-113	6.98	20	WG551477
Ethylbenzene	mg/kg	0.0534	0.0510	107	78-115	4.66	20	WG551477
Toluene	mg/kg	0.0550	0.0528	110	76-114	4.02	20	WG551477
Total Xylene	mg/kg	0.156	0.150	104	81-118	3.77	20	WG551477
a,a,a-Trifluorotoluene(FID)				98.44	54-144			WG551477
TPH (GC/FID) Low Fraction	mg/kg	6.47	6.33	118	67-135	2.12	20	WG551477
a,a,a-Trifluorotoluene(FID)				96.62	59-128			WG551477
TPH (GC/FID) High Fraction	ppm	49.1	50.7	82.0	50-150	3.21	25	WG551561
o-Terphenyl				70.29	50-150			WG551561

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/kg	0.214	0	05	85.4	32-137	L532060-01	WG551477
Ethylbenzene	mg/kg	0.203	0	05	81.2	10-150	L532060-01	WG551477
Toluene	mg/kg	0.224	0	05	89.5	20-142	L532060-01	WG551477

* 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	Units	MS Res	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
			Ref Res						
Total Xylene	mg/kg	0.607	0		.15	81.0	16-141	L532060-01	WG551477
a,a,a-Trifluorotoluene(PID)						98.84	54-144		WG551477
TPH (GC/FID) Low Fraction	mg/kg	21.1	0		5.5	76.8	55-109	L532060-01	WG551477
a,a,a-Trifluorotoluene(FID)						98.33	59-128		WG551477

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Benzene	mg/kg	0.228	0.214	91.1	32-137	6.41	39	L532060-01	WG551477
Ethylbenzene	mg/kg	0.214	0.203	85.5	10-150	5.15	44	L532060-01	WG551477
Toluene	mg/kg	0.232	0.224	92.7	20-142	3.55	42	L532060-01	WG551477
Total Xylene	mg/kg	0.628	0.607	83.7	16-141	3.34	46	L532060-01	WG551477
a,a,a-Trifluorotoluene(PID)				97.44	54-144				WG551477
TPH (GC/FID) Low Fraction	mg/kg	24.8	21.1	90.0	55-109	15.8	20	L532060-01	WG551477
a,a,a-Trifluorotoluene(FID)				94.61	59-128				WG551477

Batch number / Run number / Sample number cross reference

WG551477 R1821990 L532134-01 02
WG551641 R1824680 L532134-01 02
WG551561 R1824970 L532134-01 02

* * 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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August 23, 2011

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.

