

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

30-045-32872

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: Scott Gas COM #1F (30-045-32872)	Facility Type: Gas Well (Blanco-Mesaverde)

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

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	I	30N	12W	1855	FNL	1980	FEL	San Juan

Latitude: 36.8433 Longitude: -108.0477

RCVD SEP 8 '11
OIL CONS. DIV.
DIST. 3

NATURE OF RELEASE

Type of Release: Produced Water
Source of Release: Leaking BGT

Volume of Release: 9 bbls

Volume Recovered: 8

Date and Hour of Occurrence:

Date and Hour of Discovery:

Unknown

About 29. 2011 - 1142

Was Immediate Notice Given?

☒ Yes ☐ No ☐ Not Required

If YES, To Whom?

Brandon Powell

By Whom? James McDaniel

Date and Hour: About 29. 2011 - 1639

Was a Watercourse Reached?

☐ Yes ☒ No

If YES, Volume Impacting the Watercourse.

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

On August 29, 2011, an XTO lease operator noticed a leak in the below grade tank (BGT) at the Scott Gas COM #1F. Approximately 9 bbls of produced water had been released into the bottom of the BGT cellar. A water truck was dispatched to remove the water from the BGT and from the bottom of the BGT cellar. Approximately 8 bbls of water was recovered from the cellar. The site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 10 due to a wash at less than 1,000 feet from the site. This set the closure standard to 1,000 ppm TPH, 10 ppm benzene and 50 ppm total BTEX. The BGT was repaired and put back into service.

Describe Area Affected and Cleanup Action Taken.*

On August 29, 2011, a spill assessment was performed on the BGT cellar at this location. A composite sample was collected from the bottom of the BGT cellar and analyzed for DRO/GRO via USEPA Method 8015, and for benzene and BTEX via USEPA Method 8021. The sample returned results below the regulatory standards determined for this site. Applicable field notes and analytical results are attached for your reference. 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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: James McDaniel, CHMM #15676

Approved by District Supervisor:

Title: EH&S Supervisor

Approval Date:

Expiration Date:

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

Conditions of Approval:

Attached ☐

Date: 9/6/2011

Phone: 505-333-3701



nJK 1129252912

8



XTO Energy On-Site Form

Well Name Scott Gas COM # 1F API # 30-045-32872

Section 1 Township 30N Range 12W County Sgt Juan

Contractors On-Site TPC Time On-Site _____ Time Off-Site _____

Spill Amount 9 bbls Spilled (Oil / Produced Water / Other _____)

Land Use (Grazing / Residential / Tribe _____) Excavation _____ x _____ x _____ deep

Site Diagram	Sample Location
Comments • some odor noted (non-hydrocarbon) • sandstone bottom • 48 hour notice required	Sample Location
Number of Photos Taken	Number of Photos Taken

Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
—	NA	100 Standard	NA	—	NA
1445	1	BGT Cellar	Damp, Brownish-Black, odor	—	EO15, EO21

Name (Print) James McDaniel Date 8/29/11

Name (Signature) [Signature] Company XTO



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Tax I D. 62-0814289

Est 1970

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

Report Summary

Thursday September 01, 2011

Report Number: L533605

Samples Received: 08/31/11

Client Project:

Description: Scott Gas Com 1F

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

September 01, 2011

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

ESC Sample # : L533605-01

Date Received : August 31, 2011
Description : Scott Gas Com 1F

Site ID : SCOTT GAS

Sample ID : BGT CELLAR

Project # :

Collected By : James McDaniel
Collection Date : 08/29/11 14:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.		%	2540G	09/01/11	1
Benzene	0.10	0.0030	mg/kg	8021/8015	08/31/11	5
Toluene	0.35	0.030	mg/kg	8021/8015	08/31/11	5
Ethylbenzene	0.025	0.0030	mg/kg	8021/8015	08/31/11	5
Total Xylene	0.41	0.0092	mg/kg	8021/8015	08/31/11	5
TPH (GC/FID) Low Fraction	1.6	0.61	mg/kg	GRO	08/31/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	97.5		% Rec.	8021/8015	08/31/11	5
a,a,a-Trifluorotoluene (PID)	100.		% Rec.	8021/8015	08/31/11	5
TPH (GC/FID) High Fraction	44.	4.9	mg/kg	3546/DRO	09/01/11	1
Surrogate recovery(%)						
o-Terphenyl	50.3		% Rec.	3546/DRO	09/01/11	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: 09/01/11 15:19 Printed: 09/01/11 15:59



YOUR LAB OF CHOICE

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James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L533605

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September 01, 2011

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzene	< .0005	mg/kg			WG553075	08/31/11 17:26
Ethylbenzene	< .0005	mg/kg			WG553075	08/31/11 17:26
Toluene	< .005	mg/kg			WG553075	08/31/11 17:26
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG553075	08/31/11 17:26
Total Xylene	< .0015	mg/kg			WG553075	08/31/11 17:26
a,a,a-Trifluorotoluene(FID)		% Rec.	99.88	59-128	WG553075	08/31/11 17:26
a,a,a-Trifluorotoluene(PID)		% Rec.	98.99	54-144	WG553075	08/31/11 17:26
Total Solids	< 1	%			WG553083	09/01/11 09:33
TPH (GC/FID) High Fraction	< 4	ppm			WG553076	09/01/11 12:37
o-Terphenyl		% Rec.	74.60	50-150	WG553076	09/01/11 12:37

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	70.0	69.2	1.03	5	L533192-04	WG553083

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/kg	.05	0.0518	104.	76-113	WG553075
Ethylbenzene	mg/kg	.05	0.0567	113	78-115	WG553075
Toluene	mg/kg	.05	0.0545	109.	76-114	WG553075
Total Xylene	mg/kg	.15	0.167	111.	81-118	WG553075
a,a,a-Trifluorotoluene(PID)				100.1	54-144	WG553075
TPH (GC/FID) Low Fraction	mg/kg	5.5	6.87	125	67-135	WG553075
a,a,a-Trifluorotoluene(FID)				101.4	59-128	WG553075
Total Solids	%	50	50.0	100.	85-155	WG553083
TPH (GC/FID) High Fraction	ppm	60	47.8	79.6	50-150	WG553076
o-Terphenyl				79.88	50-150	WG553076

Analyte	Units	Laboratory Control Sample Duplicate		Limit	RPD	Limit	Batch
		Result	Ref	%Rec			
Benzene	mg/kg	0.0497	0.0518	99.0	76-113	4.11	20
Ethylbenzene	mg/kg	0.0542	0.0567	108.	78-115	4.57	20
Toluene	mg/kg	0.0529	0.0545	106	76-114	2.86	20
Total Xylene	mg/kg	0.159	0.167	106.	81-118	5.11	20
a,a,a-Trifluorotoluene(PID)				102.7	54-144		WG553075
TPH (GC/FID) Low Fraction	mg/kg	6.62	6.87	120.	67-135	3.73	20
a,a,a-Trifluorotoluene(FID)				105.6	59-128		WG553075
TPH (GC/FID) High Fraction	ppm	51.8	47.8	86.0	50-150	8.07	25
o-Terphenyl				82.49	50-150		WG553076

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
Benzene	mg/kg	0.319	0.0840	.05	94.0	32-137	L533605-01	WG553075
Ethylbenzene	mg/kg	0.232	0.0200	.05	84.9	10-150	L533605-01	WG553075
Toluene	mg/kg	0.513	0.290	.05	89.1	20-142	L533605-01	WG553075

* 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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September 01, 2011

Analyte	Units	MS Res	Matrix Spike			Limit	Ref Samp	Batch
			Ref Res	TV	% Rec			
Total Xylene	mg/kg	0.926	0.340	.15	78.1	16-141	L533605-01	WG553075
a,a,a-Trifluorotoluene(PID)					99.16	54-144		WG553075
TPH (GC/FID) Low Fraction	mg/kg	20.9	1.30	5.5	71.1	55-109	L533605-01	WG553075
a,a,a-Trifluorotoluene(FID)					96.57	59-128		WG553075

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Benzene	mg/kg	0.297	0.319	85.0	32-137	7.26	39	L533605-01	WG553075
Ethylbenzene	mg/kg	0.237	0.232	86.8	10-150	2.04	44	L533605-01	WG553075
Toluene	mg/kg	0.491	0.513	80.3	20-142	4.40	42	L533605-01	WG553075
Total Xylene	mg/kg	0.983	0.926	85.7	16-141	5.96	46	L533605-01	WG553075
a,a,a-Trifluorotoluene (PID)				100.4	54-144				WG553075
TPH (GC/FID) Low Fraction	mg/kg	19.8	20.9	67.3	55-109	5.17	20	L533605-01	WG553075
a,a,a-Trifluorotoluene (FID)				98.02	59-128				WG553075

Batch number / Run number / Sample number cross reference

WG553075 R1839372 L533605-01
WG553083 R1840053: L533605-01
WG553076 R1840272: L533605-01

* * 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.

pH _____ Temp _____

Flow _____ Other _____

Relinquisher by (Signature)	Date	Time	Received by (Signature)	Samples returned via: FedEx_X_UPS_Other__		Condition:	(lab use only)
	8/29/11	1525		4/341 9819 2233		(06)	COSI
Relinquisher by (Signature)	Date	Time	Received by (Signature)	Temp	Bottles Received		
				2.8 L	1-402		
Relinquisher by (Signature)	Date	Time	Received for lab by: (Signature)	Date	Time	pH Checked.	NCF
				8/31/11	0900		