

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

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: Bruington Gas COM C #1 (30-045-20374)	Facility Type: Gas Well (Mesaverde)	
Surface Owner: Private	Mineral Owner:	Lease No.:

LOCATION OF RELEASE

Unit Letter B	Section 21	Township 30N	Range 11W	Feet from the 990	North/South Line FNL	Feet from the 1450	East/West Line FEL	County San Juan
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Latitude: 36.80233 Longitude: -107.99285

REC'D JUN 17 '10
OIL CONS. DIV.
DIST. 3

NATURE OF RELEASE

Type of Release: Historical	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Historical Earthen Pit	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 6/1/2010
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.*

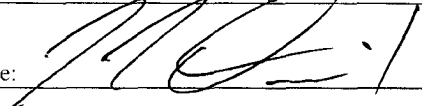
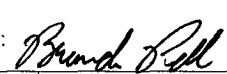
Describe Cause of Problem and Remedial Action Taken.*

During maintenance operations at the Bruington Gas COM C #1 well site, a historical earthen pit was discovered. The site was then ranked pursuant to the NMOCDC Guidelines for the Remediation of Leaks, Spills and Releases. Due to a wash at less than 1,000 feet from the well site, and an estimated depth to groundwater of less than 50 feet, the site was given a ranking of 30. This set the closure standard to 100 ppm TPH and 100 ppm organic vapors (10 ppm benzene and 50 ppm total BTEX).

Describe Area Affected and Cleanup Action Taken.*

Approximately 372 cubic yards of impacted soil was removed and disposed of at Envirotech's soil remediation facility. Sandstone was encountered at the site at approximately three (3) feet below ground surface (BGS) and on the north wall of the excavated area. A composite sample was collected from each of the four (4) walls, and from the bottom at three (3) feet BGS. Samples collected from the south wall and the east wall returned results below the 100 ppm organic vapor standard determined for this site. These samples were then analyzed for TPH via USEPA Method 8015. Both samples returned results below the 100 ppm TPH standard determined for this site. Samples collected from the west wall, the north wall, and the bottom at three (3) feet BGS were analyzed for TPH via Method 8015, and for benzene and total BTEX via USEPA Method 8021. All three (3) samples returned results below the 10 ppm benzene and the 50 ppm total BTEX standard, while the sample collected from the west wall also returned results below the 100 ppm TPH standard. Samples collected from the sandstone bottom at three (3) feet BGS and the north wall, where sandstone was encountered, returned results above the 100 ppm TPH standard determined for this site. Due to sandstone being encountered on the bottom and north wall of this excavation, it was determined that maximum reasonable extent of excavation had been reached. No further action is required. The excavated area was backfilled with clean material from the Moss Pit. Sample 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 NMOCDC 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 NMOCDC 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, NMOCDC 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:  For: CP	
Title: EH&S Specialist	Approval Date: 9/22/10	Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6/15/2010	Phone: 505-333-3701	

HBPI026540475



envirotech
Analytical Laboratory

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

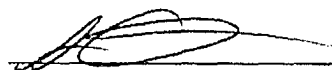
Client:	XTO	Project #:	98031-0121
Sample ID:	South Wall	Date Reported:	06-10-10
Laboratory Number:	54591	Date Sampled:	06-04-10
Chain of Custody No:	9603	Date Received:	06-04-10
Sample Matrix:	Soil	Date Extracted:	06-07-10
Preservative:	Cool	Date Analyzed:	06-08-10
Condition:	Intact	Analysis Requested:	8015 TPH

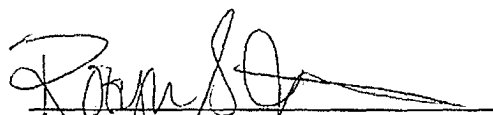
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.3	0.2
Diesel Range (C10 - C28)	1.5	0.1
Total Petroleum Hydrocarbons	1.8	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Bruington Gas Com C #1**


Analyst


Review



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Client:	XTO	Project #:	98031-0121
Sample ID:	East Wall	Date Reported:	06-10-10
Laboratory Number:	54592	Date Sampled:	06-04-10
Chain of Custody No:	9603	Date Received:	06-04-10
Sample Matrix:	Soil	Date Extracted:	06-07-10
Preservative:	Cool	Date Analyzed:	06-08-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.5	0.2
Diesel Range (C10 - C28)	7.9	0.1
Total Petroleum Hydrocarbons	8.4	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Bruington Gas Com C #1**

Analyst

Review



envirotech

Analytical Laboratory

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-08-10 QA/QC	Date Reported:	06-10-10
Laboratory Number:	54624	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-08-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9960E+002	1.0000E+003	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	1.8	1.4	22.2%	0 - 30%
Diesel Range C10 - C28	89.1	74.4	16.5%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	1.8	250	266	106%	75 - 125%
Diesel Range C10 - C28	89.1	250	272	80.1%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 54624-54629, 54565, 54591 and 54592.

Analyst

Review

09603

5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

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

Report Summary

Monday June 07, 2010

Report Number: L462764

Samples Received: 06/05/10

Client Project:

Description: Bruington Gas COM C#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 - 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

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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Mt. Juliet, TN 37122
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1-800-767-5859
Fax (615) 758-5859

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REPORT OF ANALYSIS

June 07,2010

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

Date Received : June 05, 2010
Description : Bruington Gas COM C#1

Sample ID : WEST WALL

Collected By : James McDaniel
Collection Date : 06/03/10 10:50

ESC Sample # : L462764-01

Site ID : BRUINGTON GAS COM C#1

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.2		%	2540G	06/07/10	1
Benzene	BDL	0.0028	mg/kg	8021/8015	06/06/10	5
Toluene	BDL	0.028	mg/kg	8021/8015	06/06/10	5
Ethylbenzene	BDL	0.0028	mg/kg	8021/8015	06/06/10	5
Total Xylene	BDL	0.0083	mg/kg	8021/8015	06/06/10	5
TPH (GC/FID) Low Fraction	BDL	0.55	mg/kg	GRO	06/06/10	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	103.		% Rec.	8021/8015	06/06/10	5
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021/8015	06/06/10	5
TPH (GC/FID) High Fraction	6.1	4.4	mg/kg	3546/DRO	06/07/10	1
Surrogate recovery(%)						
o-Terphenyl	74.1		% Rec.	3546/DRO	06/07/10	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: 06/07/10 16:52 Printed: 06/07/10 16:52



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Fax (615) 758-5859

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REPORT OF ANALYSIS

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

June 07, 2010

Date Received : June 05, 2010
Description : Bruington Gas COM C#1
Sample ID : 3 SANSTONE BOTTOM
Collected By : James McDaniel
Collection Date : 06/03/10 10:45

ESC Sample # : L462764-02

Site ID : BRUINGTON GAS COM C#1

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.3		%	2540G	06/07/10	1
Benzene	BDL	0.028	mg/kg	8021/8015	06/07/10	50
Toluene	BDL	0.28	mg/kg	8021/8015	06/07/10	50
Ethylbenzene	1.3	0.028	mg/kg	8021/8015	06/07/10	50
Total Xylene	13.	0.083	mg/kg	8021/8015	06/07/10	50
TPH (GC/FID) Low Fraction	360	5.5	mg/kg	GRO	06/07/10	50
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	105.		% Rec.	8021/8015	06/07/10	50
a,a,a-Trifluorotoluene (PID)	103.		% Rec.	8021/8015	06/07/10	50
TPH (GC/FID) High Fraction	410	22.	mg/kg	3546/DRO	06/07/10	5
Surrogate recovery(%)						
o-Terphenyl	81.5	.	% Rec.	3546/DRO	06/07/10	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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L462764-02 (BTEXGRO) - Non-target compounds too high to run at a lower dilution.



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1-800-767-5859
Fax (615) 758-5859

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REPORT OF ANALYSIS

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

June 07, 2010

Date Received : June 05, 2010
Description : Bruington Gas COM C#1

ESC Sample # : L462764-03

Sample ID : NORTH WALL-SANDSTONE

Site ID : BRUINGTON GAS COM C#1

Collected By : James McDaniel
Collection Date : 06/03/10 10:40

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.7		%	2540G	06/07/10	1
Benzene	BDL	0.28	mg/kg	8021/8015	06/06/10	500
Toluene	BDL	2.8	mg/kg	8021/8015	06/06/10	500
Ethylbenzene	2.1	0.28	mg/kg	8021/8015	06/06/10	500
Total Xylene	13.	0.83	mg/kg	8021/8015	06/06/10	500
TPH (GC/FID) Low Fraction	500	55.	mg/kg	GRO	06/06/10	500
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	103.		% Rec.	8021/8015	06/06/10	500
a,a,a-Trifluorotoluene (PID)	100.		% Rec.	8021/8015	06/06/10	500
TPH (GC/FID) High Fraction	1400	88.	mg/kg	3546/DRO	06/07/10	20
Surrogate recovery(%)						
o-Terphenyl	0.00		% Rec.	3546/DRO	06/07/10	20

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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