

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: Logan Hixon
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683
Facility Name: Pipkin Gas Com A #1G (30-045-33445)	Facility Type: Gas Well (Mancos, Dakota)

Surface Owner: Federal Land	Mineral Owner:	Lease No.: NMSF-077875
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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
F	7	27 N	10W	2140	FNL	1430	FWL	San Juan

Latitude: 36.5911944 Longitude: -107.9407500

**NATURE OF RELEASE**

Type of Release: Produced Water/ Produced Oil	Volume of Release: 140 BBL's	Volume Recovered: 121 BBL's
Source of Release: Production Tank	Date and Hour of Occurrence: May 24-27, 2013	Date and Hour of Discovery: May 28, 2013
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell (NMOCD), Mark Kelly (BLM)	
By Whom? James McDaniel (XTO EHS Supervisor)	Date and Hour: May 28, 2013, 8:50 A.M.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

RCVD JUN 24 '13

OIL CONSV. DIV.

DIST. 3

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

It was reported by an XTO Lease Operator that vandals had opened the production tank load line valve and 140 bbls of oil/ produced water had been drained into the berm and a majority of the liquid drained into the on-site below grade tank cellar. On May 28, 2013 121 bbls had been recovered, with a loss of 19 bbls. This site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 50 due to an estimated depth to groundwater less than 50 feet, and a distance to surface water of less than 200 feet, and a distance to a water source less than 1,000 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX, or 100 ppm organic vapors.

Describe Area Affected and Cleanup Action Taken.\*

\*See attached for Cleanup Actions Taken.

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: <i>Logan Hixon</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Logan Hixon	Approved by District Supervisor: <i>Jonath D. Kelly</i>	
Title: Environmental Technician	Approval Date: <i>6/28/2013</i>	Expiration Date:
E-mail Address: Logan_Hixon@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>6-21-13</i>	Phone: 505-333-3683	

nJK 1317927822

## Affected Area and Cleanup Actions

May 31, 2013

Logan Hixon (XTO) and Luke McCollum (XTO) was site to begin clean up activities of the vandalism of the production tank. The excavation on the east portion of the berm had reached an extent of 60' x 21' x 1' deep and the area of the removed on-site BGT reached an extent of 14' x 14' x 8' deep. Composite samples were collected of the 60' x 21' x 1' deep excavation bottom, north, east, west, and south walls and the bottom of the 14' x 14' x 8' deep excavation. Organic vapor (OV) sampling was completed on the samples. The sample from the 60' x 21' x 1' deep excavation area, and north and east walls of the 14' x 14' x 8' deep excavation returned results below the OV standard outlined in the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. Samples collected from the bottom, west wall and south wall returned results above the OV standard. The 14' x 14' x 8' excavation continued to the extent of 18' x 19' x 10' deep. Composite samples were then collected from the bottom, south wall and west wall and analyzed for OV. The samples from the bottom and west wall returned results under the standards for OV determined for this site. The sample collected from the south wall returned results above the OV standard. The samples from the 60' x 21' x 1' deep excavation, the bottom, east wall, west wall, and north wall were sent for TPH analysis via US EPA method 8015. The sample from the south wall was sent in for analysis for benzene, total BTEX and TPH via methods US EPA 8021, and 8015. Approximately 350 CY of soil was disposed of at Envirotech land farm. \*Field notes attached.

June 3, 2013

The samples returned results beneath the standards determined for this site for the 60' x 21' x 1' deep excavation and for the 18' x 19' x 10' deep excavations; bottom, north wall, west wall, and east wall. The sample for the south wall returned results above the standards determined for this site for TPH. \*Sample results attached.

June 4, 2013

Josh Kirchner (CRA) and Luke McCollum (XTO) were on site to oversee the continued cleanup activities. The 18' x 19' x 10' deep excavation reached an extent of 18' x 22' x 10' deep. A composite sample was collected of the south wall. OV sampling was completed on the sample. The sample from the south wall returned results below the OV standards set for this site. The sample was sent in for laboratory analysis for TPH via US EPA method 8015. Approximately 150 CY of soil was disposed of at Envirotech land farm. \*Field notes attached.

June 4, 2013

The sample returned results beneath the standards determined for this site for the south wall of the 18' x 22' x 10' deep excavation. No further action is required for this site. The excavation was backfilled with clean fill. The equipment was reset and the below grade tank was brought above grade.



### XTO Energy On-Site Form

Well Name pipkin gas well A#16 API # 38-045-33445

Section 7E Township 27 Range 10 County ST

Contractors On-Site ADige (vince) Time On-Site 8:50 Time Off-Site \_\_\_\_\_

Spill Amount 141 bbls Spilled (Oil/Produced Water/Other \_\_\_\_\_) RCVRD 121

Land Use (Range/Residential/Tribe \_\_\_\_\_) Excavation Berm area x \_\_\_\_\_ x \_\_\_\_\_ deep  
p. i. tank

<p><b>Site Diagram</b></p>	<p><b>Sample Location</b></p> <p><u>Berm area</u></p>
<p><b>Comments</b></p>	<p><b>Number of Photos Taken</b></p>

**Samples** Ran 50

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
9:15	NA	100 Standard	NA	100-101	NA
12:27	①	1' Berm area comp	Sand	20.8	8015, <del>8015</del>
14:07	②	8' Bottom comp	Sand	1517	---
14:10	③	8' W. wall comp	Sand	361	8015
14:15	④	8' W. wall comp	Sand	497	---
14:20	⑤	8' S. wall comp	Sand	1961	---
14:25	⑥	8' E. wall comp	Sand	9	8015
15:20	⑦	16' Bottom comp	Sand	37.8	8015
15:25	⑧	10' S. wall comp	Sand	1990	8015, 801
15:26	⑨	10' W. wall comp	Sand	86.3	8015

Name (Print) Logan Hixon Date 5-31-17

Name (Signature) Logan Hix Company XTO





XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 03-Jun-13 14:47
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**Analytical Report for Samples**

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1' Berm Area Comp	P305103-01A	Soil	05/31/13	05/31/13	Glass Jar, 4 oz.
8' N. Wall Comp	P305103-02A	Soil	05/31/13	05/31/13	Glass Jar, 4 oz.
8' E. Wall Comp	P305103-03A	Soil	05/31/13	05/31/13	Glass Jar, 4 oz.
10' Bottom Comp	P305103-04A	Soil	05/31/13	05/31/13	Glass Jar, 4 oz.
10' S. Wall Comp	P305103-05A	Soil	05/31/13	05/31/13	Glass Jar, 4 oz.
10' W. Wall Comp	P305103-06A	Soil	05/31/13	05/31/13	Glass Jar, 4 oz.

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Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879





XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 03-Jun-13 14:47
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**DRAFT: 1' Berm Area Comp  
P305103-01 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>DRAFT: Nonhalogenated Organics by 8015</b>										
Gasoline Range Organics (C6-C10)	ND	5.00		mg/kg	1	1322025	31-May-13	03-Jun-13	EPA 8015D	
Diesel Range Organics (C10-C28)	11.0	5.00		mg/kg	1	1322025	31-May-13	03-Jun-13	EPA 8015D	
GRO and DRO Combined Fractions	11.0	5.00		mg/kg	1	1322025	31-May-13	03-Jun-13	EPA 8015D	

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 03-Jun-13 14:47
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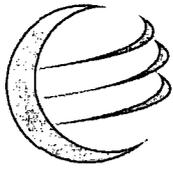
**DRAFT: 8' N. Wall Comp**  
**P305103-02 (Solid)**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						

**DRAFT: Nonhalogenated Organics by 8015**

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	4.99	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	4.99	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	

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Analytical Laboratory

XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 03-Jun-13 14:47
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**DRAFT: 8' E. Wall Comp**  
**P305103-03 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

**DRAFT: Nonhalogenated Organics by 8015**

Gasoline Range Organics (C6-C10)	ND	4.97	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D		
Diesel Range Organics (C10-C28)	ND	4.97	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D		
GRO and DRO Combined Fractions	ND	4.97	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D		

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	<b>Reported:</b> 03-Jun-13 14:47
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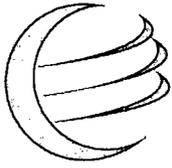
**DRAFT: 10' Bottom Comp**  
**P305103-04 (Solid)**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						

**DRAFT: Nonhalogenated Organics by 8015**

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	
Diesel Range Organics (C10-C28)	37.1	4.99	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	
GRO and DRO Combined Fractions	37.1	4.99	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	

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Analytical Laboratory

XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 03-Jun-13 14:47
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**DRAFT: 10' S. Wall Comp**  
**P305103-05 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

**DRAFT: Volatile Organics by EPA 8021**

Benzene	ND	500	ug/kg	10	1323001	03-Jun-13	03-Jun-13	EPA 8021B	
Toluene	1770	500	ug/kg	10	1323001	03-Jun-13	03-Jun-13	EPA 8021B	
Ethylbenzene	1290	500	ug/kg	10	1323001	03-Jun-13	03-Jun-13	EPA 8021B	
p,m-Xylene	7190	500	ug/kg	10	1323001	03-Jun-13	03-Jun-13	EPA 8021B	
o-Xylene	2180	500	ug/kg	10	1323001	03-Jun-13	03-Jun-13	EPA 8021B	
<b>Total BTEX</b>	<b>12400</b>	<b>500</b>	<b>ug/kg</b>	<b>10</b>	<b>1323001</b>	<b>03-Jun-13</b>	<b>03-Jun-13</b>	<b>EPA 8021B</b>	
<i>Surrogate: Bromochlorobenzene</i>		107 %		80-120	1323001	03-Jun-13	03-Jun-13	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		104 %		80-120	1323001	03-Jun-13	03-Jun-13	EPA 8021B	
<i>Surrogate: Fluorobenzene</i>		104 %		80-120	1323001	03-Jun-13	03-Jun-13	EPA 8021B	

**DRAFT: Nonhalogenated Organics by 8015**

Gasoline Range Organics (C6-C10)	23.9	5.00	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	
Diesel Range Organics (C10-C28)	154	5.00	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	
GRO and DRO Combined Fractions	178	5.00	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 03-Jun-13 14:47
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**DRAFT: 10' W. Wall Comp  
P305103-06 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

**DRAFT: Nonhalogenated Organics by 8015**

Gasoline Range Organics (C6-C10)	ND	4.98	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	4.98	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	4.98	mg/kg	1	1322025	03-Jun-13	03-Jun-13	EPA 8015D	

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 03-Jun-13 14:47
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**DRAFT: Volatile Organics by EPA 8021 - Quality Control**  
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1323001 - Purge and Trap EPA 5030A**

Blank (1323001-BLK1)			Prepared & Analyzed: 03-Jun-13							
Benzene	ND	49.9	ug/kg							
Toluene	ND	49.9	"							
Ethylbenzene	ND	49.9	"							
p,m-Xylene	ND	49.9	"							
o-Xylene	ND	49.9	"							
Total BTEX	ND	49.9	"							
Surrogate: Bromochlorobenzene	47.4		ug/L	50.0		94.7	80-120			
Surrogate: 1,4-Difluorobenzene	51.3		"	50.0		103	80-120			
Surrogate: Fluorobenzene	50.6		"	50.0		101	80-120			

Duplicate (1323001-DUP1)			Source: P305103-05		Prepared & Analyzed: 03-Jun-13					
Benzene	ND	499	ug/kg		ND					30
Toluene	1540	499	"		1770			13.7		30
Ethylbenzene	1150	499	"		1290			11.4		30
p,m-Xylene	7370	499	"		7190			2.51		30
o-Xylene	2170	499	"		2180			0.206		30
Surrogate: Bromochlorobenzene	53.0		ug/L	50.0		106	80-120			
Surrogate: 1,4-Difluorobenzene	51.3		"	50.0		103	80-120			
Surrogate: Fluorobenzene	51.2		"	50.0		102	80-120			

Matrix Spike (1323001-MS1)			Source: P305103-05		Prepared & Analyzed: 03-Jun-13					
Benzene	54.2	1.00	ug/kg		ND					39-150
Toluene	57.7	1.00	"		1770					46-148
Ethylbenzene	57.0	1.00	"		1290					32-160
p,m-Xylene	123	1.00	"		7190					46-148
o-Xylene	57.6	1.00	"		2180					46-148
Surrogate: Bromochlorobenzene	52.6		ug/L	50.0		105	80-120			
Surrogate: 1,4-Difluorobenzene	52.5		"	50.0		105	80-120			
Surrogate: Fluorobenzene	52.8		"	50.0		106	80-120			

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 03-Jun-13 14:47
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**DRAFT: Nonhalogenated Organics by 8015 - Quality Control**

**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1322025 - GRO/DRO Extraction EPA 3550C**

**Blank (1322025-BLK1)** Prepared: 31-May-13 Analyzed: 03-Jun-13

Gasoline Range Organics (C6-C10)	ND	4.97	mg/kg							
Diesel Range Organics (C10-C28)	ND	4.97	"							
GRO and DRO Combined Fractions	ND	4.97	"							

**Duplicate (1322025-DUP1)** Source: P305101-01 Prepared: 31-May-13 Analyzed: 03-Jun-13

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg		ND				30	
Diesel Range Organics (C10-C28)	ND	4.99	"		ND				30	

**Matrix Spike (1322025-MS1)** Source: P305101-01 Prepared: 31-May-13 Analyzed: 03-Jun-13

Gasoline Range Organics (C6-C10)	262	5.26	mg/kg	263	ND	99.5	75-125			
Diesel Range Organics (C10-C28)	267	5.26	"	263	ND	102	75-125			

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	<b>Reported:</b> 03-Jun-13 14:47
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**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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\*Rush\*

	Quote Number		Page <u>1</u> of <u>1</u>		Analysis				Lab Information			
	XTO Contact <u>Logan Hixon</u>		XTO Contact Phone # <u>(505) 386-8018</u>						98031-0528			
	Email Results to: <u>James.mdanizi@xtoenergy.com</u> <u>@xtoenergy.com</u>								Office Abbreviations Farmington = FAR Durango = DUR Bakken = BAK Raton = RAT Piceance = PC Roosevelt = RSV La Barge = LB Orangeville = OV			
Well Site/Location <u>Pipkin gas Com A #1 G</u>		API Number <u>30-043-33445</u>		Test Reason <u>Impact soil cleanup</u>						Sample Number		
Collected By <u>Logan Hixon</u>		Samples on Ice (Y/N)		Turnaround								
Company <u>XTO</u>		QA/QC Requested		Standard <input checked="" type="checkbox"/> Next Day <u>*Rush*</u> <input type="checkbox"/> Two Day <input type="checkbox"/> Three Day <input type="checkbox"/> Std. 5 Bus. Days (by contract)								
Signature <u>Joy H</u>		Gray Areas for Lab Use Only!		Date Needed								
Sample ID	Sample Name	Media	Date	Time	Preservative	No. of Conts.						
Far LH-053113-1222	1' Bermaracomp	S	5-31-13	12:22	COOL	1-462	X					P305103-01
Far LH-053113-14:10	8' N. wall comp	S	5-31-13	14:10	COOL	1-462	X					P305103-02
Far LH-053113-14:25	8' E. wall comp	S	5-31-13	14:25	COOL	1-462	X					P305103-03
Far LH-053113-1520	10' Bottom comp	S	5-31-13	15:20	COOL	1-462	X					P305103-04
Far LH-053113-1525	10' S. wall comp	S	5-31-13	15:25	COOL	1-462	X	X				P305103-05
Far LH-053113-1530	10' W. wall Comp	S	5-31-13	15:30	COOL	1-462	X					P305103-06
Media: Filter = F Soil = S Wastewater = WW Groundwater = GW Drinking Waster = DW Sludge = SG Surface Water = SW Air = A Drill Mud = DM Other = OT												
Relinquished By: (Signature) <u>Joy H</u>		Date: 5-31-13	Time: 16:30	Received By: (Signature)				Number of Bottles		Sample Condition		
Relinquished By: (Signature)		Date:	Time:	Received By: (Signature)				Temperature:		Other Information		
Relinquished By: (Signature)		Date:	Time:	Received for Lab by: (Signature)				Date: 5/31/13	Time: 16:34			
Comments <u>*Rush*</u>												

\* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200

PPKW GAS COM A # 167

API 30-045-33445

SAN JUAN COUNTY

S.7°T.27-R.10

6-4-17

1000 ONSITE

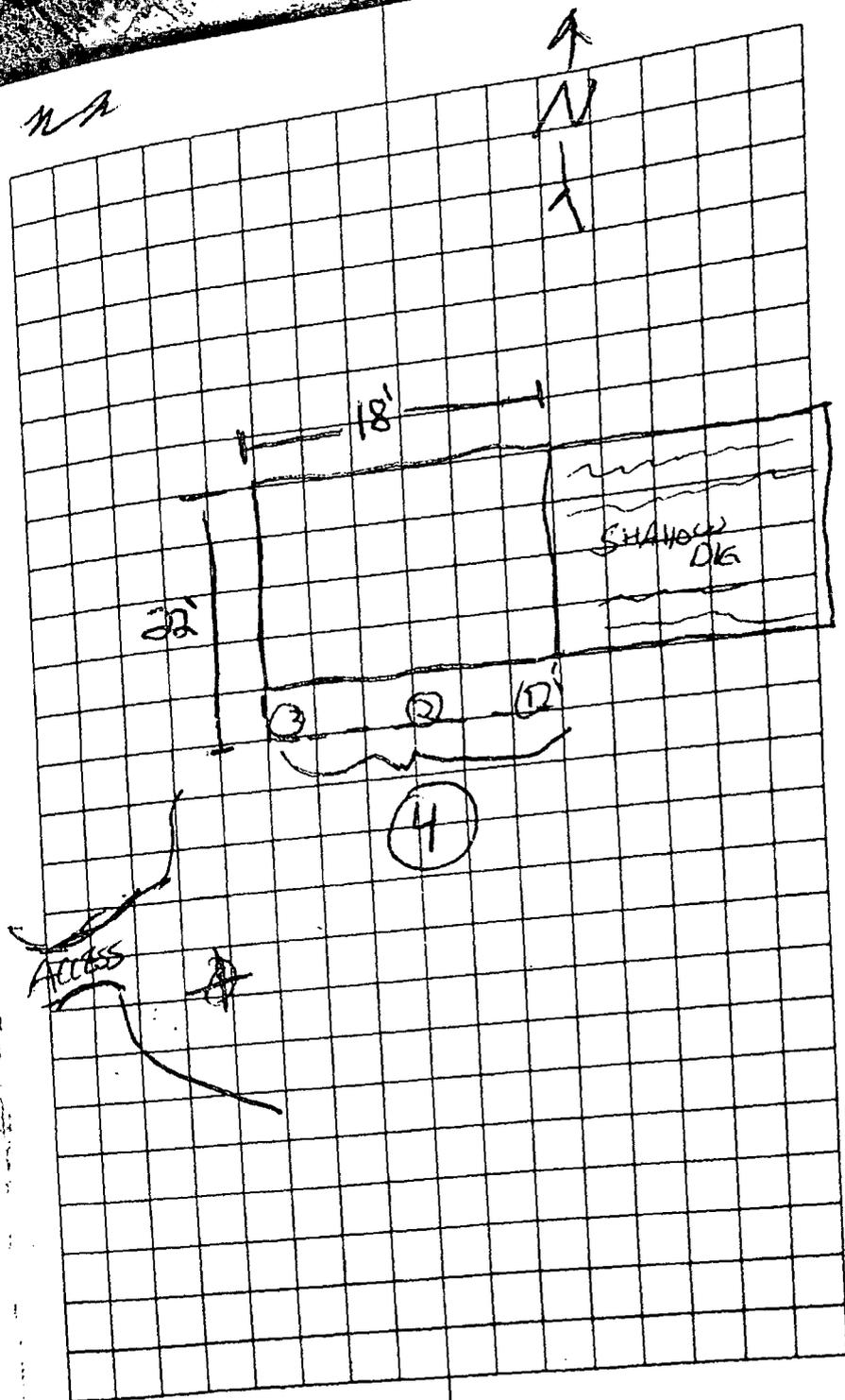
LUKE ADVISED EXCAVATION WAS EXTENDED  
2-2½ SOUTH OF FRAYS DIG

1030 SAMPLES COLLECTED & ANALYSED

ID	PID (PPM)	LAB
1	2.1	
2	87.3	
3	1.2	
4	—	8015

GRAB SAMPLES 1-3 ALL PASSED VOC IN  
THE FIELD, THEY WERE COMBINED  
INTO ONE SAMPLE AS A COMPOSITE  
AND TURNED INTO ETECH FOR 8015

NA





## Analytical Report

### Report Summary

Client: XTO Energy Inc.  
Chain Of Custody Number: 15633  
Samples Received: 6/4/2013 11:15:00AM  
Job Number: 98031-0528  
Work Order: P306008  
Project Name/Location: Pipkin Gas COM A #1G

Entire Report Reviewed By:

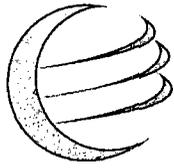
**Draft**

Date: 6/4/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





# envirotech

Analytical Laboratory

XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 04-Jun-13 15:39
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## Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
5-08063-JK-4-L060413	P306008-01A	Soil	06/04/13	06/04/13	Glass Jar, 4 oz.

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879





XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 04-Jun-13 15:39
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**DRAFT: 5-08063-JK-4-L060413**  
**P306008-01 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>DRAFT: Nonhalogenated Organics by 8015</b>										
Gasoline Range Organics (C6-C10)	ND	5.00		mg/kg	1	1323002	04-Jun-13	04-Jun-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.00		mg/kg	1	1323002	04-Jun-13	04-Jun-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.00		mg/kg	1	1323002	04-Jun-13	04-Jun-13	EPA 8015D	

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	Reported: 04-Jun-13 15:39
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**DRAFT: Nonhalogenated Organics by 8015 - Quality Control**

**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 1323002 - GRO/DRO Extraction EPA 3550C**

<b>Blank (1323002-BLK1)</b>		Source: P306001-01		Prepared: 03-Jun-13 Analyzed: 04-Jun-13	
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg		
Diesel Range Organics (C10-C28)	ND	4.99	"		
GRO and DRO Combined Fractions	ND	4.99	"		
<b>Duplicate (1323002-DUP1)</b>		Source: P306001-01		Prepared: 03-Jun-13 Analyzed: 04-Jun-13	
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	ND	30
Diesel Range Organics (C10-C28)	5.98	5.00	"	5.34	11.2 30
<b>Matrix Spike (1323002-MS1)</b>		Source: P306001-01		Prepared: 03-Jun-13 Analyzed: 04-Jun-13	
Gasoline Range Organics (C6-C10)	265	5.26	mg/kg	263	ND 101 75-125
Diesel Range Organics (C10-C28)	271	5.26	"	263	5.34 101 75-125

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XTO Energy Inc. 382 CR 3100 Aztec NM, 87410	Project Name: Pipkin Gas COM A #1G Project Number: 98031-0528 Project Manager: James McDaniel	<b>Reported:</b> 04-Jun-13 15:39
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**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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# CHAIN OF CUSTODY RECORD

15633

Client: <b>XTO ENERGY</b>	Project Name / Location: <b>Pipkin Gas Com A #1B</b>	ANALYSIS / PARAMETERS	
Email results to: <b>JAMES MCDANIEL</b>	Sampler Name: <b>J KIRCHNER</b>	TPH (Method 8015)	BTEX (Method 8021)
Client Phone No.:	Client No.: <b>98031-0528</b>		

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact	
					HNO <sub>3</sub>	HCl													
5-080632-00003 JK-4 2060413	6-13 X	1015	P306006-01	1 / 4.2			✓											✓	✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6-13	1115		6/4/13	1115
Relinquished by: (Signature)			Received by: (Signature)		
Sample Matrix					
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>					

Sample(s) dropped off after hours to secure drop off area.

RUSH

5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com

XTO Energy, Inc.  
Pipkin Gas Com A #1G  
Section 7 (F), Township 27N, Range 10W  
Closure Date 6/10/2013

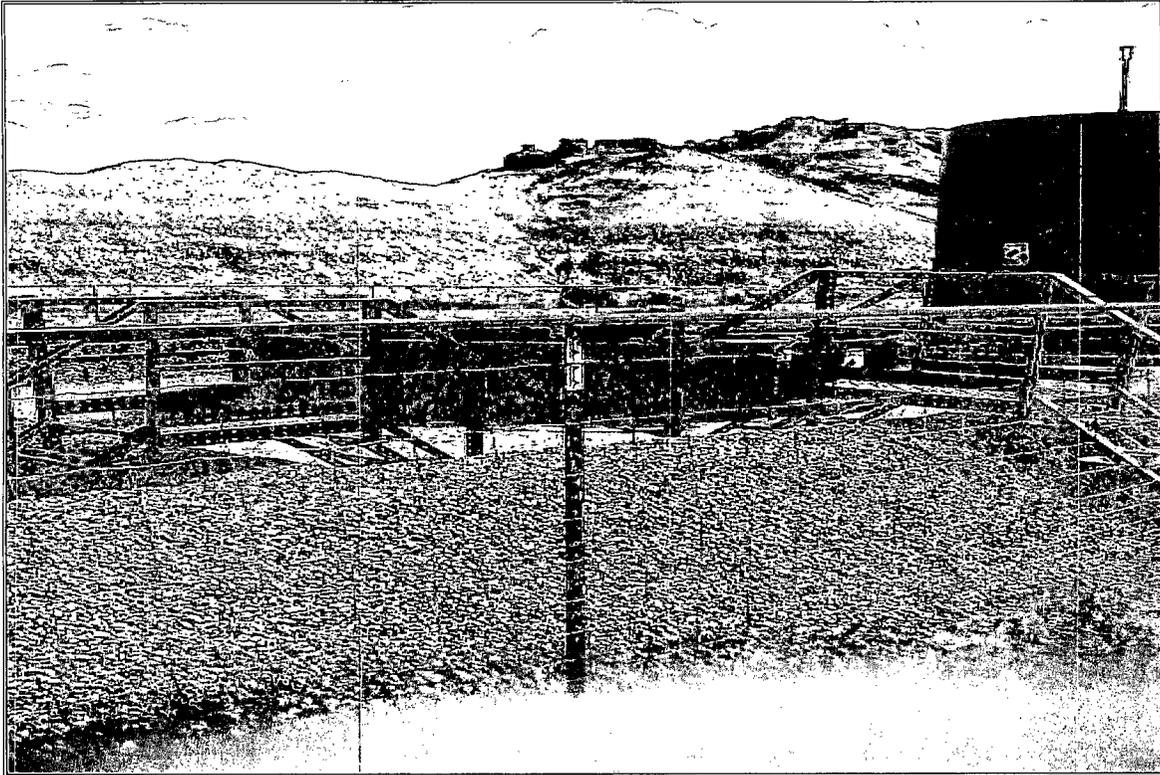


Photo 1: Pipkin Gas Com A #1G after Reconfigure.

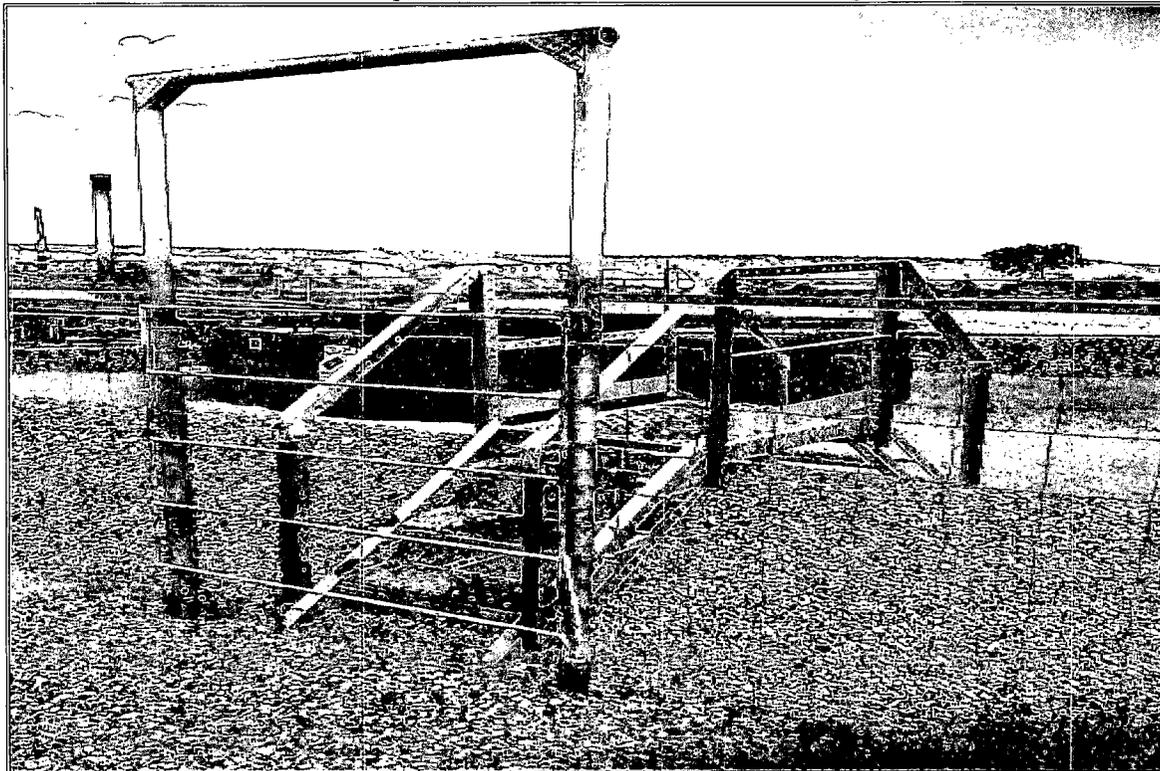


Photo 2: Pipkin Gas Com A #1G after Reconfigure.

XTO Energy, Inc.  
Pipkin Gas Com A #1G  
Section 7 (F), Township 27N, Range 10W  
Closure Date 6/10/2013



Photo 3: Pipkin Gas Com A #1G after Reconfigure.

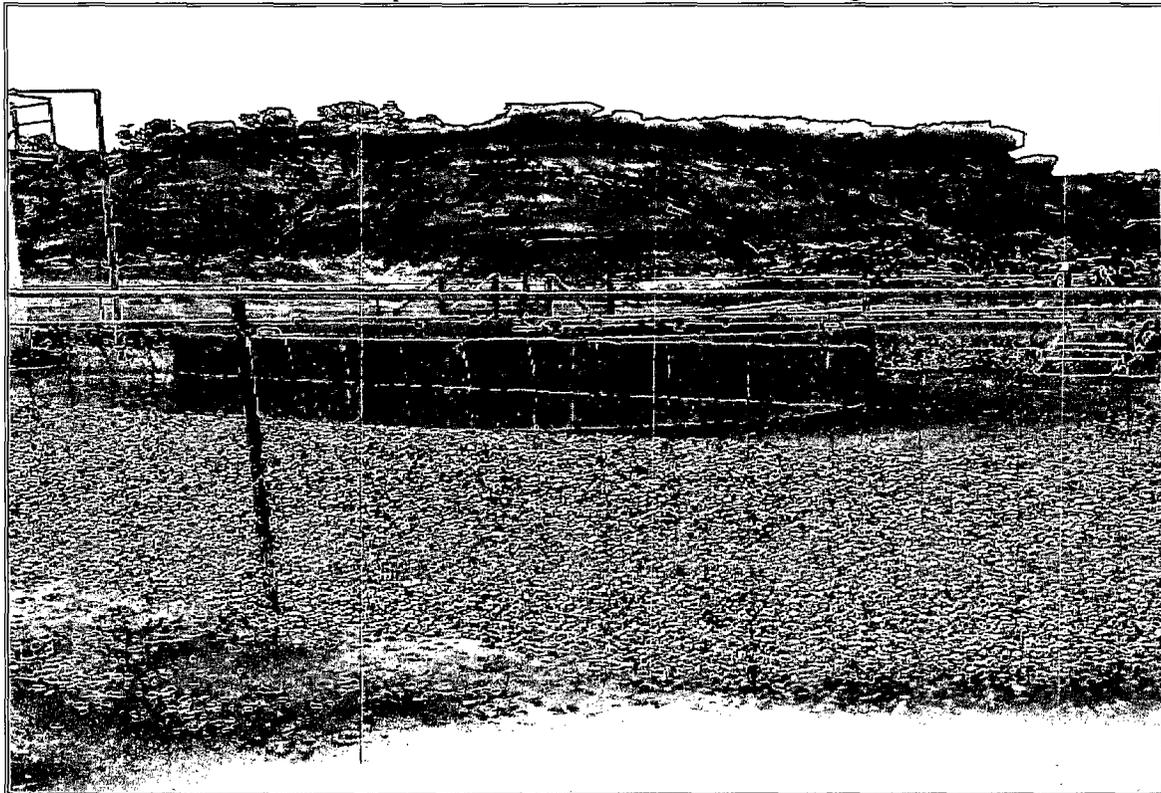


Photo 4: Pipkin Gas Com A #1G after Reconfigure.