

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: Kurt Hoekstra	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3202	
Facility Name: Pollock Gas Com D # 1 (30-045-26173)	Facility Type: Gas Well (Chacra)	
Surface Owner: Private	Mineral Owner:	Lease No. Fee

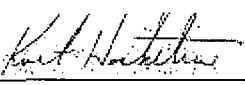
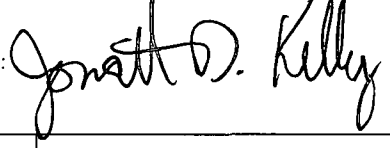
LOCATION OF RELEASE

Unit Letter I	Section 28	Township 29N	Range 10W	Feet from the 1850	North/South Line FSL	Feet from the 990	East/West Line FEL	County San Juan
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Latitude: 36.69397 Longitude: -107.88529

JAN 30 2013

NATURE OF RELEASE

Type of Release: Water	Volume of Release: 25 -50BBL	Volume Recovered: None
Source of Release: 1" Valve on Bradenhead	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 1-15-2013 Early afternoon
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell OCD	
By Whom? James McDaniel	Date and Hour 1-16-2013 9:01 AM	
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.*A water spill was discovered on 1-15-2013 in the early afternoon. A 1" bradenhead valve froze at the wellhead, and water flowed out of the broken valve, pooling north directly adjacent to location. Based on temperatures and flow rates, we believe we lost somewhere between 25-50 BBL's of water. The water was sampled for TPH via USEPA Method 8015, for BTEX via USEPA Method 8021, and for Cation /Anion Balance at Envirotech .The sample returned results below the 'spill rule' standards of 100 ppm TPH, 0.2 ppm benzene, 10 ppm total BTEX, Sulfate results were 2,790 ppm.		
Describe Area Affected and Cleanup Action Taken.*Another sample was taken this time of the soil below the spill area and analyzed for sulfates, the result was 430 ppm. NMWQCC standards for ground water are 600 ppm, XTO does not believe these results pose a threat to humans or the environment. If a re-vegetation issue occurs in this area in the future XTO will re-evaluate at that time. No further action is required at this time.		
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: Kurt Hoekstra	Approved by District Supervisor: 	
Title: Sr. Environmental Technician	Approval Date: <u>8/24/2013</u>	Expiration Date:
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1-28-2013	Phone: 505-333-3202	

NDK 1323841956



Report Summary

Client: XTO Energy

Chain of Custody Number: 15066

Samples Received: 01-15-13

Job Number: 98031-0528

Sample Number(s): 64096

Project Name/Location: Pollock Gas Com D #1

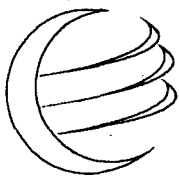
Entire Report Reviewed By:

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke, positioned over a horizontal line.

Date:

11/16/13

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.



envirotech

Analytical Laboratory

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Water Sample	Date Reported:	01-16-13
Laboratory Number:	64096	Date Sampled:	01-15-13
Chain of Custody No:	15066	Date Received:	01-15-13
Sample Matrix:	Aqueous	Date Extracted:	01-16-13
Preservative:	HCl	Date Analyzed:	01-16-13
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

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: **Pollock Gas Com D #1**



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	0116TCAL QA/QC	Date Reported:	01-16-13
Laboratory Number:	64096	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-16-13
Condition:	N/A	Analysis Requested:	TPH

	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	8.9884E-01	8.9704E-01	0.20%	0 - 15%
Diesel Range C10 - C28	1.0000E+00	9.9800E-01	0.20%	0 - 15%

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

Duplicate Conc. (mg/L)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/L)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	25.0	24.4	97.6%	75 - 125%
Diesel Range C10 - C28	ND	25.0	24.1	96.4%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Sample 64096.



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO Energy	Project #:	68031-0528
Sample ID:	Water Sample	Date Reported:	01-16-13
Chain of Custody:	15066	Date Sampled:	01-15-13
Laboratory Number:	64096	Date Received:	01-15-13
Sample Matrix:	Aqueous	Date Analyzed:	01-16-13
Preservative:	HCl	Analysis Requested:	BTEX
Condition:	Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	ND	1	1.0
Toluene	ND	1	1.0
Ethylbenzene	ND	1	1.0
p,m-Xylene	ND	1	1.0
o-Xylene	ND	1	1.0

Total BTEX ND

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	83.3 %
	1,4-difluorobenzene	83.0 %
	4-bromochlorobenzene	87.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: Pollock Gas Com D #1



**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS
QUALITY ASSURANCE REPORT**

Client:	N/A	Project #:	N/A
Sample ID:	0116BCAL QA/QC	Date Reported:	01-16-13
Laboratory Number:	64096	Date Sampled:	N/A
Sample Matrix:	Aqueous	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-16-13
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range	0 - 15%		
Benzene	1.509E-05	1.509E-05	0.00%	ND	1
Toluene	1.678E-05	1.678E-05	0.00%	ND	1
Ethylbenzene	1.907E-05	1.907E-05	0.00%	ND	1
p,m-Xylene	1.677E-05	1.677E-05	0.00%	ND	1
o-Xylene	1.991E-05	1.991E-05	0.00%	ND	1

Duplicate Conc. (ug/L)	Sample	Duplicate	%Diff.	Accept Limit
Benzene	ND	ND	0.0%	0 - 30%
Toluene	ND	ND	0.0%	0 - 30%
Ethylbenzene	ND	ND	0.0%	0 - 30%
p,m-Xylene	ND	ND	0.0%	0 - 30%
o-Xylene	ND	ND	0.0%	0 - 30%

Spike Conc. (ug/L)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Limits
Benzene	ND	50.0	48.7	97.3%	39 - 150
Toluene	ND	50.0	48.6	97.1%	46 - 148
Ethylbenzene	ND	50.0	48.5	97.0%	32 - 160
p,m-Xylene	ND	100	97.1	97.1%	46 - 148
o-Xylene	ND	50.0	49.1	98.1%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 64096.



CATION / ANION ANALYSIS

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Water Sample	Date Reported:	01-16-13
Laboratory Number:	64096	Date Sampled:	01-15-13
Chain of Custody:	15066	Date Received:	01-15-13
Sample Matrix:	Aqueous	Date Analyzed:	01-16-13
Preservative:	Cool		
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	7.26	s.u.		
Conductivity @ 25° C	6,220	umhos/cm		
Total Dissolved Solids @ 180C	4,750	mg/L		
SAR	9.10	ratio		
Total Alkalinity as CaCO3	132	mg/L		
Total Hardness as CaCO3	863	mg/L		
Bicarbonate as CaCO3	132	mg/L	2.2	meq/L
Carbonate as CaCO3	< 0.01	mg/L	0.000	meq/L
Hydroxide as CaCO3	< 0.01	mg/L	0.001	meq/L
Nitrate Nitrogen	0.860	mg/L	0.014	meq/L
Nitrite Nitrogen	< 0.01	mg/L	0.000	meq/L
Chloride	27.6	mg/L	1	meq/L
Fluoride	1.88	mg/L	0.099	meq/L
Phosphate	< 0.01	mg/L	0.000	meq/L
Sulfate	2,790	mg/L	58.09	meq/L
Iron	0.429	mg/L	0.015	meq/L
Calcium	326	mg/L	16	meq/L
Magnesium	11.7	mg/L	1	meq/L
Potassium	5.32	mg/L	0.1	meq/L
Sodium	611	mg/L	27	meq/L


Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments **Pollock Gas Com D #1**

Rust

CHAIN OF CUSTODY RECORD

15066

Client: XTO ENERGY			Project Name / Location: Pollock Gas Com D#1			ANALYSIS / PARAMETERS														
Email results to: JAMES Mc DANIEL KURT HOEKSTRA LOGAN HIXON			Sampler Name: KURT			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion Balance	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
Client Phone No.: 333-3100			Client No.: 98031-0528																	
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 Balance	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
					HgCl ₂	HCl														
WATER SAMPLE	1/15	11:30	64096 P301030-01	(2) VOC		X	X												Y	Y
WATER SAMPLE	1/15	11:30	64097	(1) 500 ML	X	TC				X									Y	Y
Relinquished by: (Signature) <i>Kurt Hoekstra</i>				Date	Time	Received by: (Signature) <i>[Signature]</i>				Date	Time									
Relinquished by: (Signature)				1/15	4:15	Received by: (Signature)				1/15/13	16:15									
Sample Matrix																				
Soil <input type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input checked="" type="checkbox"/> Other <input type="checkbox"/>																				
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																				
5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com																				



Report Summary

Client: XTO

Chain of Custody Number: 15087

Samples Received: 01-24-13

Job Number: 98031-0528

Sample Number(s): 64134

Project Name/Location: Pollock Gas Com D #1

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to be "J. B. O.", written over a horizontal line.

Date:

1/28/13

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.

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Spill Soil Sample	Date Reported:	01-25-13
Laboratory Number:	64134	Date Sampled:	01-24-13
Chain of Custody:	15087	Date Received:	01-24-13
Sample Matrix:	Soil Extract	Date Analyzed:	01-25-13
Preservative:	Cool		
Condition:	Intact		

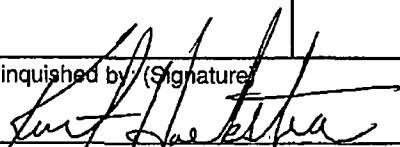

Parameter	Analytical Result	Units
Sulfate	430	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.
ASTM D 516, Standard Test Method for Sulfate Ion in Water.

Comments: **Pollock Gas Com D #1**

CHAIN OF CUSTODY RECORD

15087

Client: XTD			Project Name / Location: Powack Gas Com D #1			ANALYSIS / PARAMETERS													
Email results to: JAMES MCDANIEL KURT HOEKSTRA, LOGAN HIXON			Sampler Name: KURT			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	SULFATE	Sample Cool	Sample Intact	
Client Phone No.:			Client No.: 98031-0528																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative														
					HgCl ₂	HCl													
SPILL SOIL SAMPLE	1-24	2:00	64134	1 4oz Jar												X		✓	
			P301056-01P																
Relinquished by: (Signature) 				Date	Time	Received by: (Signature) 				Date	Time								
Relinquished by: (Signature)				1-24	3:05					1/24/13	1500								
Sample Matrix																			
Soil <input type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																			
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																			

RASH



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