

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

30-045-24445

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) 333-33701
Facility Name: Valdez A #1E (30-045-24445)	Facility Type: Gas Well (Dakota)

Surface Owner: Private	Mineral Owner:	Lease No.: Fee
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LOCATION OF RELEASE

Unit Letter G	Section 24	Township 29N	Range 11W	Feet from the 2390	North/South Line FNL	Feet from the 2560	East/West Line FEL	County San Juan County
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Latitude: N36.7119 Longitude: W-107.9428

NATURE OF RELEASE

Type of Release: Produced Water/Incidental Oil	Volume of Release: 10 bbls	Volume Recovered: ~ 10 bbls
Source of Release: Leaking BGT	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: May 16, 2012
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	RCVD JUN 13 '12
By Whom? James McDaniel	Date and Hour: 5-17-2012 10:18 PM	OIL CONSV DIV
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

On May 16, 2012 a leak was found on the below grade tank at the Valdez A #1E. There was approximately 10 BBL's lost inside the BGT cellar, with nearly 10 bbls recovered. This site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. This location was then ranked a 40, due to a wash at less than 1,000 feet from location, and a suspected depth to groundwater of less than 50 feet. This set the closures standards to 100 ppm TPH, 50 ppm total BTEX and 10 ppm Benzene.

Describe Area Affected and Cleanup Action Taken.*

On May 21, 2012 the soil at the bottom of the cellar was scraped 6" to remove wet soil impacted with water and incidental oil, and a below grade tank closure sample was collected at that depth. After the 6" was removed, some discolored soil was noticed in the NE corner of the BGT cellar, and a grab sample was collected from the discolored area. The BGT closure sample was analyzed for TPH via USEPA Method 418.1 and 8015, for BTEX via USEPA Method 8021, and for chlorides. The grab sample from the NE corner was analyzed for TPH via USEPA Method 8015, and for BTEX via USEPA Method 8021. Both samples returned results below the regulatory standards determined for this site. This excavation has been back filled using clean fill soil from Paul and Son, and the pit tank will be replaced and brought above grade for continued use. Approximately 10 cubic yards of impacted soil was taken to Envirotech's Landfarm #2 for disposal. No further action is required regarding this incident. All applicable analytical results and on-site sheets 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 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:

Printed Name: James McDaniel, CHMM #15676

Title: EH&S Supervisor

E-mail Address: James_McDaniel@xtoenergy.com

Date: 5/24/2012

Phone: 505-333-3100

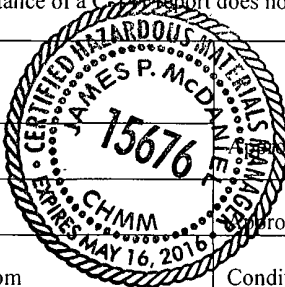
OIL CONSERVATION DIVISION

Approved by District Supervisor:

Approval Date: 6/13/2012 Expiration Date:

Conditions of Approval:

Attached ☐




nJK 1216740175

RUSH

CHAIN OF CUSTODY RECORD

13887

Client: XTO ENERGY		Project Name / Location: GARCIA Gas Com B#1M		ANALYSIS / PARAMETERS																	
Email results to: JAMES MCDANIEL LOGAN HIXON, KURT HOEKSTRA		Sampler Name: KURT																			
Client Phone No.:		Client No.: 94031-0528																			
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	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
					HgCl ₂	HCl															
BGT Closure Sample	4-30	9:15	61957	14oz Jar				X	X								X			X	X
Relinquished by: (Signature) <i>Kurt Hoekstra</i>				Date 4-30	Time 2:00	Received by: (Signature) <i>Stephanie Isen</i>												Date 4-30-12	Time 2:00		
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"/>																					
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																					
<div>*RUSH*</div> <div></div> <div>5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com</div>																					

CHAIN OF CUSTODY RECORD

13864

RUSH

Client: XTO ENERGY			Project Name / Location: GARCIA GAS COM B#1M			ANALYSIS / PARAMETERS													
Email results to: JAMES MCDANIEL LOGAN HIXON, KURT HOEKSTRA			Sampler Name: KURT HOEKSTRA			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
Client Phone No.: 333-3100			Client No.: 98031-0528																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative														
					HgCl ₂	HCl													
BGT CELLAR	4-30-12	9:15	61956	(1) 4oz JAR															X
Relinquished by: (Signature) <i>Kurt Hoekstra</i>					Date 4-30-12	Time 9:50	Received by: (Signature) <i>Stephanie Dean</i>										Date 4-30-12	Time 9:50	
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.



envirotech
Analytical Laboratory

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Analytical Laboratory

EPA METHOD 418.1

TOTAL PETROLEUM HYDROCARBONS

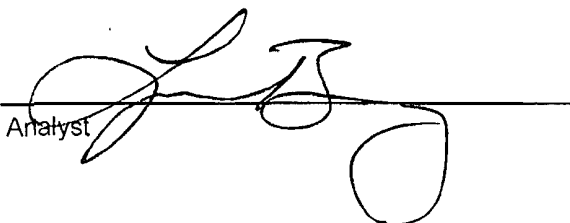
Client:	XTO Energy	Project #:	98031-0528
Sample ID:	BGT Cellar	Date Reported:	05-01-12
Laboratory Number:	61956	Date Sampled:	04-30-12
Chain of Custody No:	13864	Date Received:	04-30-12
Sample Matrix:	Soil	Date Extracted:	05-01-12
Preservative:	Cool	Date Analyzed:	05-01-12
Condition:	Intact	Analysis Needed:	TPH-418.1


Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	133	7.4

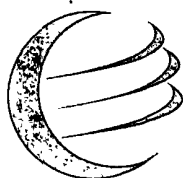
ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Garcia Gas Com B #1M

Analyst 

Review 



envirotech

Analytical Laboratory

EPA METHOD 418.1

TOTAL PETROLEUM HYDROCARBONS

QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	05-01-12
Laboratory Number:	05-01-TPH.QA/QC 61956	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	05-01-12
Preservative:	N/A	Date Extracted:	05-01-12
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
	01-17-12	05-01-12	1,850	1,720	7.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	7.4

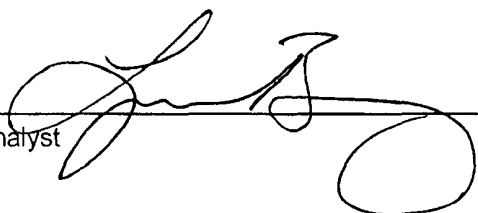
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	133	118	11.1%	+/- 30%

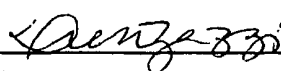
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	133	2,000	2,000	93.8%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 61951, 61956, 61963-61964.

Analyst 

Review 

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	BGT Closure Sample	Date Reported:	05-01-12
Laboratory Number:	61957	Date Sampled:	04-30-12
Chain of Custody:	13887	Date Received:	04-30-12
Sample Matrix:	Soil	Date Analyzed:	05-01-12
Preservative:	Cool	Date Extracted:	04-30-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	10.0
Toluene	ND	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	ND	10.0
o-Xylene	ND	10.0
Total BTEX	ND	

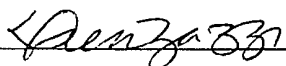
ND - Parameter not detected at the stated detection limit.

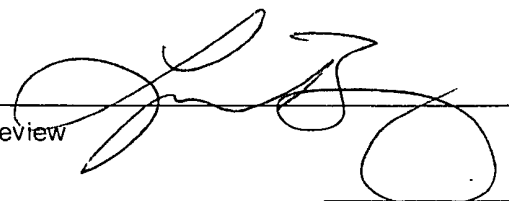
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	101 %
	Bromochlorobenzene	99.0 %

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

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Garcia Gas Com B #1M


 Analyst


 Review

Client:	N/A	Project #:	N/A
Sample ID:	0501BCAL QA/QC	Date Reported:	05-01-12
Laboratory Number:	61957	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-01-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	50

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect. Limit
	Accept. Range 0-15%				
Benzene	4.3930E-06	4.3930E-06	0.000	ND	0.2
Toluene	4.2649E-06	4.2649E-06	0.000	ND	0.2
Ethylbenzene	4.7922E-06	4.7922E-06	0.000	ND	0.2
p,m-Xylene	3.5869E-06	3.5869E-06	0.000	ND	0.2
o-Xylene	5.1217E-06	5.1217E-06	0.000	ND	0.2

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	ND	ND	0.00	0 - 30%	10
Toluene	ND	ND	0.00	0 - 30%	10
Ethylbenzene	ND	ND	0.00	0 - 30%	10
p,m-Xylene	ND	ND	0.00	0 - 30%	10
o-Xylene	ND	ND	0.00	0 - 30%	10

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	2500	2450	98.0	39 - 150
Toluene	ND	2500	2440	97.6	46 - 148
Ethylbenzene	ND	2500	2420	96.8	32 - 160
p,m-Xylene	ND	5000	4850	97.0	46 - 148
o-Xylene	ND	2500	2440	97.6	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

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 61866-61867, 61876-61878, 61900-61901, 61952-61953 and 61957

Analyst

Review

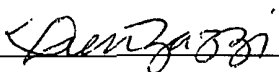
Client:	XTO Energy	Project #:	98031-0528
Sample ID:	BGT Closure Sample	Date Reported:	05-01-12
Laboratory Number:	61957	Date Sampled:	04-30-12
Chain of Custody No:	13887	Date Received:	04-30-12
Sample Matrix:	Soil	Date Extracted:	04-30-12
Preservative:	Cool	Date Analyzed:	05-01-12
Condition:	Intact	Analysis Requested:	8015 TPH

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

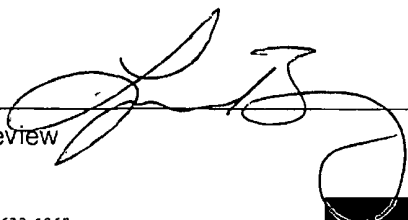
ND - Parameter not detected at the stated detection limit.

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

Comments: **Garcia Gas Com B #1M**



Analyst



Review

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	0501TCAL QA/QC	Date Reported:	05-01-12
Laboratory Number:	61957	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-01-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-01-12	1.0009E+03	1.0013E+03	0.04%	0 - 15%
Diesel Range C10 - C28	05-01-12	9.9960E+02	1.0000E+03	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	

Duplicate Conc. (mg/Kg)	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/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	306	122%	75 - 125%
Diesel Range C10 - C28	ND	250	282	113%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 61866-61867, 61876-61878, 61900-61901, 61952-61953 and 61957

Analyst

Review

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	BGT Closure Sample	Date Reported:	05-02-12
Lab ID#:	61957	Date Sampled:	04-30-12
Sample Matrix:	Soil	Date Received:	04-30-12
Preservative:	Cool	Date Analyzed:	05-01-12
Condition:	Intact	Chain of Custody:	13887

Parameter**Concentration (mg/Kg)****Total Chloride****20**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Garcia Gas Com B #1M**



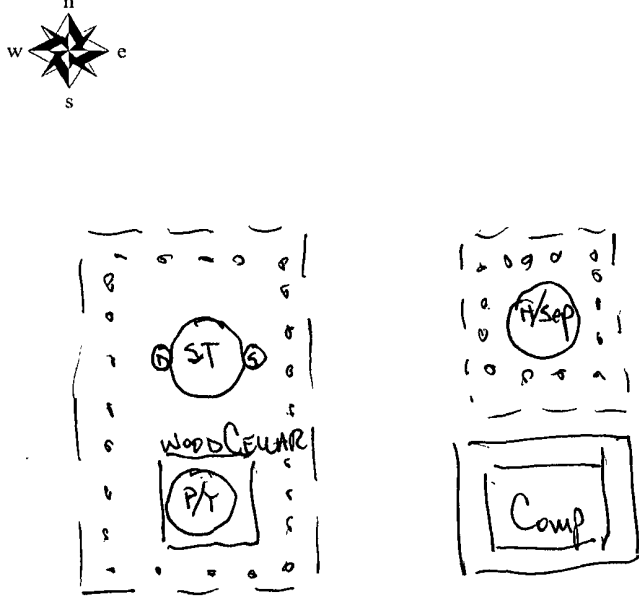
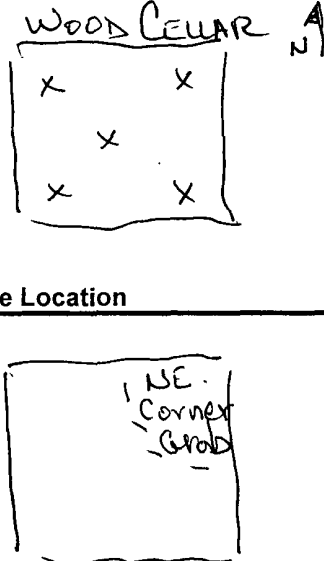
Analyst

Review



XTO Energy On-Site Form

Well Name VALNEZ A#1E API # 30-045-24445
Section 24G Township 29N Range 11W County SAN JUAN
Contractors On-Site KEYSTONE Time On-Site 11:35 Time Off-Site 3:00
Spill Amount 10 bbls Spilled (Oil / Produced Water / Other _____)
Land Use (Grazing / Residential / Tribe FARM) Excavation 14 x 14 x 7 1/2 deep

 <p>Site Diagram</p>	 <p>Sample Location</p>
<p>Comments</p>	<p>Number of Photos Taken</p>

Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
	NA	100 Standard	NA		NA
12:45	Comp	5pt BGT CELLAR	wet, clay	57.1	8015, 8021, 418.1, Chov de
2:00		NE Corner	DARK, wet	1740	
2:35	Gravh	NE Corner	Damp CLAY	507	8015, 8021

Name (Print) KURT HOEKSTRA Date 5-21-12
Name (Signature) Kurt Hoekstra Company XTO