District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

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: **Florance #62F**	Facility Type: **Gas Well (Mesaverde)**

RCVD OCT 14 '14
OIL CONS. DIV.
DIST. 3

Surface Owner: **BLM**	Mineral Owner	API No. **30-045-31097**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	**20**	**27N**	**8W**	**2360**	**FNL**	**1923**	**FWL**	**San Juan**

Latitude: N 36.56083 **Longitude: W** -107.70722

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: BGT	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 3/13/2009
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? N/A	
By Whom?	Date and Hour	
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.*
The below grade tank was taken out of service at the Florance #62F well site due to upgrades at this well site. A composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418.1, Benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for, Benzene, Total BTEX and total chlorides, but above the 100 ppm TPH standard, confirming that a release has occurred at this location. The site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a zero due to a depth to groundwater over 100 feet, a distance to a surface water feature over 1,000 feet, and no water wells being found within a 1,000 foot radius. This set the closure standards to 5,000 ppm TPH, 10 ppm benzene and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.*
The sample returned results below the regulatory limits for all constituents analyzed. No further action is required.

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: **James McDaniel**	Approved by Environmental Specialist:
Title: **EHS Supervisor**	Approval Date: 11/13/14 Expiration Date:
E-mail Address: **James_McDaniel@xtoenergy.com**	Conditions of Approval: ☐ Attached
Date: 10/10/14 Phone: **505-333-3701**	

* Attach Additional Sheets If Necessary

#NCS1431738040

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Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	BGT Cellar	Date Reported:	03-13-09
Laboratory Number:	49276	Date Sampled:	03-06-09
Chain of Custody:	5623	Date Received:	03-10-09
Sample Matrix:	Soil	Date Analyzed:	03-12-09
Preservative:	Cool	Date Extracted:	03-11-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**ND**	**1.0**
Ethylbenzene	**ND**	**1.0**
p,m-Xylene	**ND**	**1.2**
o-Xylene	**ND**	**0.9**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**99.0 %**
	1,4-difluorobenzene	**99.0 %**
	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: **Florance #62F BGT Cellar.**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

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Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	03-12-BT QA/QC	Date Reported:	03-13-09
Laboratory Number:	49286	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-12-09
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	F-Cal RF	C-Cal RF	%Diff Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	5.5071E+004	5.5181E+004	0.2%	ND	0.1
Toluene	5.2032E+004	5.2136E+004	0.2%	ND	0.1
Ethylbenzene	4.7809E+004	4.7905E+004	0.2%	ND	0.1
p,m-Xylene	1.0595E+005	1.0616E+005	0.2%	ND	0.1
o-Xylene	4.6951E+004	4.7045E+004	0.2%	ND	0.1

Duplicate Conc (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	13.5	14.7	8.9%	0 - 30%	0.9
Toluene	14.6	13.7	6.2%	0 - 30%	1.0
Ethylbenzene	4.7	4.6	2.1%	0 - 30%	1.0
p,m-Xylene	11.2	9.5	15.2%	0 - 30%	1.2
o-Xylene	9.1	8.0	12.1%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	%Recovery	Accept Range
Benzene	13.5	50.0	59.1	93.1%	39 - 150
Toluene	14.6	50.0	61.6	95.4%	46 -.148
Ethylbenzene	4.7	50.0	53.7	98.2%	32 - 160
p,m-Xylene	11.2	100	109	98.2%	46 - 148
o-Xylene	9.1	50.0	56.8	96.1%	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 49267 - 49270, 49276 - 49280, and 49286.**

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	Florance #62F B.G.T. Cellar	Date Reported:	03-13-09
Laboratory Number:	49276	Date Sampled:	03-06-09
Chain of Custody No:	5623	Date Received:	03-10-09
Sample Matrix:	Soil	Date Extracted:	03-11-09
Preservative:	Cool	Date Analyzed:	03-11-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,870**	**5.0**

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: **Florance #62F B.G.T. Cellar.**

Analyst

Review

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EPA METHOD 418.1
TOTAL PETROLEUM HYROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	03-13-09
Laboratory Number:	03-11-TPH.QA/QC 49276	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	03-11-09
Preservative:	N/A	Date Extracted:	03-11-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	03-09-09	03-11-09	1,373	1,430	4.2%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	16.5

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	1,870	2,030	8.5%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	1,870	2,000	3,510	90.7%	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 49276 - 49282, 49286 and 49290.**

Analyst

Review

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Chloride

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	Florance #62F B.G.T. Cellar	Date Reported:	03-13-09
Lab ID#:	49276	Date Sampled:	03-06-09
Sample Matrix:	Soil	Date Received:	03-10-09
Preservative:	Cool	Date Analyzed:	03-12-09
Condition:	Intact	Chain of Custody:	5623

Parameter	Concentration (mg/Kg)
Total Chloride	**130**

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: **Florance #62F B.G.T. Cellar.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

5623

Client:	Project Name / Location:
XTO ENERGY	FLORANCE #62F B.G.T. CELLAR
Client Address: 382 ROAD 3100 AZTEC, NM. 87410	Sampler Name: KURT
Client Phone No.: 505-333-3207	Client No.: 98031-0121

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative: $HgCl_2$	Preservative: HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
FLORANCE #62F B.G.T. CELLAR	3-6	12:00	49276	(Soil) Solid Sludge Aqueous	(2) 4oz JARS				X							X	X				X	X
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
GPS N 36° 33.639 W 107° 42.421				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		

	Date	Time		Date	Time
Relinquished by: (Signature) Kurt Hoekstra	3-10	12:45	Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)	3-10-09	12:45
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615

E-MAIL RESULTS TO:
KURT HOEKSTRA
KIM CHAMPLIN