

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: Kim Champlin
Address: #382 County Road 3100 Aztec, NM 87410	Telephone No.: (505) 333-3100
Facility Name: Fred Feasel H #1F (API 30-045-33367)	Facility Type: Gas Well (Dakota)

Surface Owner: BLM	Mineral Owner: BLM	Lease No.: NMSF046563
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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
B	33	28N	10W	665	North	1965	East	San Juan

Latitude 36.624194 Longitude 107.898028

NATURE OF RELEASE

Type of Release: Condensate & Produced Water	Volume of Release: 67/15 BBLS	Volume Recovered: 0/8 BBLS
Source of Release: Production Tank	Date and Hour of Occurrence: 10/23/08 Time unknown	Date and Hour of Discovery: 10/23/08 8:00 AM
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 Mark Kelly- BLM	
By Whom? Kim Champlin	Date and Hour: 10/23/2008 2:00-2:30	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. RCVD NOV 6 '08	

If a Watercourse was Impacted, Describe Fully.*

OIL CONS. DIV.
DIST. 3

Describe Cause of Problem and Remedial Action Taken.* While on location a third party contractor noticed a production tank overflowing. Once XTO was notified a vac truck and construction crew was dispatched and XTO lease operator and foreman went to the location. Upon investigating it was discovered that the microswitch to the water dump had failed allowing produced water to flow to the oil production tank. The automation to shut in the well on a high-high level alarm failed due to a blown fuse at the electronic choke. This caused the tank to overflow. Approximately 67 barrels of condensate and 15 barrels of produced water were released. The condensate was absorbed into the ground before any recovery could be made. Approximately 8 barrels of produced water was recovered. The release was contained within an unlined berm, not spreading to the pad or off location.

Describe Area Affected and Cleanup Action Taken.* Upon discovery of the release the well was shut in and a vac truck was dispatched. No condensate was recovered while approximately 8 barrels of produced water was recovered. An emergency one call was made and the production tank was emptied and removed. Once notice from the one call was received construction crews began excavating the contaminated area of the release under oversight of a third party contractor. Approximately 728 cubic yards of hydrocarbon contaminated soil was removed and disposed of at Envirotech. Samples from the excavation were collected and results are attached. The electronic choke was repaired and tested as functioning properly.

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.

OIL CONSERVATION DIVISION

Signature: <i>Kim Champlin</i>	Approved by District Supervisor: <i>Bob Pell</i> For: <i>Charlie Perrin</i>	
Printed Name: Kim Champlin	Approval Date: 11/6/08	Expiration Date:
Title: Environmental Representative	Conditions of Approval:	
E-mail Address: kim_champlin@xtoenergy.com	Attached <input type="checkbox"/>	
Date: 11/05/08	Phone: (505) 333-3100	

* Attach Additional Sheets If Necessary

Incident # *n Rmb0728153813*



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client: XTO
Sample ID: Composite 2
Laboratory Number: 47962
Chain of Custody: 5670
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #: 98031-0121
Date Reported: 11-03-08
Date Sampled: 10-30-08
Date Received: 10-30-08
Date Analyzed: 10-31-08
Date Extracted: 10-30-08
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	3.5	0.9
Toluene	74.1	1.0
Ethylbenzene	19.0	1.0
p,m-Xylene	232	1.2
o-Xylene	47.5	0.9
Total BTEX	376	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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: Fred Feasel H #1F

Analyst

Review



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	XTO	Project #:	98031-0121
Sample ID:	Composite 2	Date Reported:	11-03-08
Laboratory Number:	47962	Date Sampled:	10-30-08
Chain of Custody No:	5670	Date Received:	10-30-08
Sample Matrix:	Soil	Date Extracted:	10-30-08
Preservative:	Cool	Date Analyzed:	10-31-08
Condition:	Intact	Analysis Requested:	8015 TPH

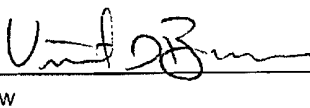
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.9	0.2
Diesel Range (C10 - C28)	7.0	0.1
Total Petroleum Hydrocarbons	8.9	0.2

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: Fred Feasel H #1F

Analyst 

Review 



Chloride

Client:	XTO	Project #:	98031-0121
Sample ID:	Composite 2	Date Reported:	11-03-08
Lab ID#:	47962	Date Sampled:	10-30-08
Sample Matrix:	Soil Extract	Date Received:	10-30-08
Preservative:	Cool	Date Analyzed:	10-31-08
Condition:	Intact	Chain of Custody:	5670

Parameter

Concentration (mg/L)

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: Fred Feasel H #1F.

Analyst

A handwritten signature in black ink, appearing to be 'Dugo', written over a horizontal line.

Review

A handwritten signature in black ink, appearing to be 'Vint 2 Bury', written over a horizontal line.



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO	Project #:	98031-0121
Sample ID:	Composite 3	Date Reported:	11-03-08
Laboratory Number:	47963	Date Sampled:	10-30-08
Chain of Custody:	5670	Date Received:	10-30-08
Sample Matrix:	Soil	Date Analyzed:	10-31-08
Preservative:	Cool	Date Extracted:	10-30-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	4.7	0.9
Toluene	17.6	1.0
Ethylbenzene	4.9	1.0
p,m-Xylene	68.2	1.2
o-Xylene	16.1	0.9
Total BTEX	111	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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: Fred Feasel H #1F

Analyst

Review



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	XTO	Project #:	98031-0121
Sample ID:	Composite 3	Date Reported:	11-03-08
Laboratory Number:	47963	Date Sampled:	10-30-08
Chain of Custody No:	5670	Date Received:	10-30-08
Sample Matrix:	Soil	Date Extracted:	10-30-08
Preservative:	Cool	Date Analyzed:	10-31-08
Condition:	Intact	Analysis Requested:	8015 TPH

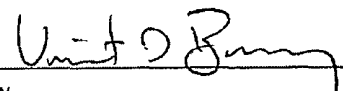
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.9	0.2
Diesel Range (C10 - C28)	3.7	0.1
Total Petroleum Hydrocarbons	4.6	0.2

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: Fred Feasel H #1F


Analyst


Review



Chloride

Client:	XTO	Project #:	98031-0121
Sample ID:	Composite 3	Date Reported:	11-03-08
Lab ID#:	47963	Date Sampled:	10-30-08
Sample Matrix:	Soil Extract	Date Received:	10-30-08
Preservative:	Cool	Date Analyzed:	10-31-08
Condition:	Intact	Chain of Custody:	5670

Parameter

Concentration (mg/L)

Total Chloride

10

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: Fred Feasel H #1F.

Analyst

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Review

A handwritten signature in black ink, appearing to be 'U. Feasel', written over a horizontal line.



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-31-BT QA/QC	Date Reported:	11-03-08
Laboratory Number:	47914	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-31-08
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	4.6807E+007	4.6901E+007	0.2%	ND	0.1
Toluene	3.5392E+007	3.5463E+007	0.2%	ND	0.1
Ethylbenzene	2.7017E+007	2.7071E+007	0.2%	ND	0.1
p,m-Xylene	2.7017E+007	2.7071E+007	0.2%	ND	0.1
o-Xylene	2.6229E+007	2.6282E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	1.2	1.1	8.3%	0 - 30%	0.9
Toluene	6.6	6.7	1.5%	0 - 30%	1.0
Ethylbenzene	5.5	5.4	1.8%	0 - 30%	1.0
p,m-Xylene	197	198	0.8%	0 - 30%	1.2
o-Xylene	4.6	4.3	6.5%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.2	50.0	50.2	98.0%	39 - 150
Toluene	6.6	50.0	54.3	95.9%	46 - 148
Ethylbenzene	5.5	50.0	53.5	96.4%	32 - 160
p,m-Xylene	197	100	293	98.8%	46 - 148
o-Xylene	4.6	50.0	51.6	94.5%	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 47914, 47916 - 47919, 47940, 47962 - 47963, and 47893.

Analyst 

Review 



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-31-08 QA/QC	Date Reported:	11-03-08
Laboratory Number:	47914	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-31-08
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	9.9457E+002	9.9497E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9349E+002	9.9388E+002	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	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	106	106	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	246	98.4%	75 - 125%
Diesel Range C10 - C28	106	250	359	101%	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 47914 - 47919, 47940, 47962 - 47963, and 47893.

Analyst

Review

CHAIN OF CUSTODY RECORD

5670 *RUSH*

Client: XTO			Project Name / Location: Fred Fasel H #1 F			ANALYSIS / PARAMETERS																															
Client Address:			Sampler Name: Steven M. Agel			<table border="1"> <tr> <th>TPH (Method 8015)</th> <th>BTEX (Method 8021)</th> <th>VOC (Method 8250)</th> <th>RCRA 8 Metals</th> <th>Cation / Anion</th> <th>RCI</th> <th>TCLP with H/P</th> <th>PAH</th> <th>TPH (418.1)</th> <th>CHLORIDE</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Sample Cool</th> <th>Sample Intact</th> </tr> </table>															TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8250)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE						Sample Cool	Sample Intact
TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8250)	RCRA 8 Metals	Cation / Anion	RCI																TCLP with H/P	PAH	TPH (418.1)	CHLORIDE						Sample Cool	Sample Intact						
Client Phone No.: Kim 505 333 3207			Client No.: 98031-6121																																		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl																															
composite ②	10/30/08	115 p	47962	Soil Solid	Sludge Aqueous	1-4oz			X	X							X				✓	✓															
composite ③	10/30/08	210 p	47963	Soil Solid	Sludge Aqueous	1-4oz			X	X							X				✓	✓															
				Soil Solid	Sludge Aqueous																																
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kim_champ@xtoenergy.com ala@lodestar-services.com															ENVIROTECH INC. 5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615					*RUSH*																	