

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: Kurt Hoekstra	PCID OCT 9 '14
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100	OIL CON. DIV.
Facility Name: Fullerton Federal 14 # 33	Facility Type: Gas Well (West Kutz Pictured Cliffs)	

Surface Owner: Federal	Mineral Owner	API No.: 30-045-28356
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#### LOCATION OF RELEASE

DIST. 3

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	14	27N	11W	2420	FSL	1995	FEL	San Juan

Latitude 36.57442 Longitude -107.97123

#### NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 6-11-2009
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\* The below grade tank was removed at the Fullerton Federal 14 # 33 well site due to facility upgrades of the location. The soil beneath the BGT was sampled for TPH via USEPA Method 8015 and 418.1, for BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for benzene, and total BTEX, but above the TPH Standard of 100ppm at 3,730 ppm via USEPA Method 418.1 and above Chloride Standard of 250 ppm at 600 ppm, confirming that a release has occurred at this location. The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 0 due to an estimated depth to groundwater of greater than 100 feet, distance to a water well greater than 1000 feet, and distance to surface water greater than 1000 feet. This set the closure standard to 5000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.\* On 10-14-2009 approximately 20 yards of soil was excavated from the BGT cellar and a sample was collected and returned results of < 0.3 ppm TPH via USEPA Method 8015 and 490 ppm total Chloride. This is below the levels outlined in the Guidelines for the Remediation of Leaks, Spills and Releases. 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: <i>Kurt Hoekstra</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Kurt Hoekstra	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: EHS Coordinator	Approval Date: 11/13/14	Expiration Date:
E-mail Address: Kurt.Hoekstra@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10-8-14 Phone: 505-333-3100		

\* Attach Additional Sheets If Necessary

\*Site RANK 20 PASSED

#NCS/431743331

11

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	Fullerton Fed 14#33 BGT Cellar	Date Reported:	06-11-09
Laboratory Number:	50441	Date Sampled:	06-08-09
Chain of Custody:	7188	Date Received:	06-08-09
Sample Matrix:	Soil	Date Analyzed:	06-10-09
Preservative:	Cool	Date Extracted:	06-09-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	7.0	0.9
Toluene	11.8	1.0
Ethylbenzene	6.4	1.0
p,m-Xylene	9.9	1.2
o-Xylene	7.6	0.9
<b>Total BTEX</b>	<b>42.7</b>	

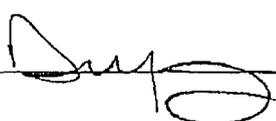
ND - Parameter not detected at the stated detection limit.

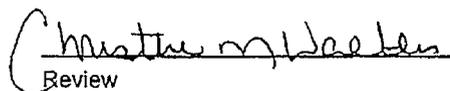
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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: B.G.T. Pit Samples

  
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Analyst

  
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Review



Client:	N/A	Project #:	N/A
Sample ID:	06-10-BT QA/QC	Date Reported:	06-11-09
Laboratory Number:	50427	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-10-09
Condition:	N/A	Analysis:	BTEX

**Concentration Data**

Compound	Concentration 1	Concentration 2	Concentration %	Blank	Detect Limit
Benzene	6.3486E+006	6.3613E+006	0.2%	ND	0.1
Toluene	5.9903E+006	6.0023E+006	0.2%	ND	0.1
Ethylbenzene	5.3215E+006	5.3322E+006	0.2%	ND	0.1
p,m-Xylene	1.3667E+007	1.3694E+007	0.2%	ND	0.1
o-Xylene	5.2098E+006	5.2202E+006	0.2%	ND	0.1

**Duplicate Data**

Compound	Duplicate 1	Duplicate 2	Difference %	Accept Range	Detect Limit
Benzene	3.7	3.8	2.7%	0 - 30%	0.9
Toluene	7.7	7.9	2.6%	0 - 30%	1.0
Ethylbenzene	4.9	5.1	4.1%	0 - 30%	1.0
p,m-Xylene	6.7	6.4	4.5%	0 - 30%	1.2
o-Xylene	5.5	5.3	3.6%	0 - 30%	0.9

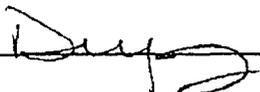
**Spike Recovery Data**

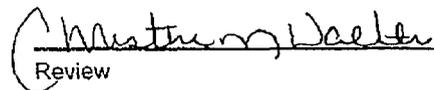
Compound	Spiked Conc	Found Spike	Spiked Sample	Recovery	Accept Range
Benzene	3.7	50.0	51.9	96.6%	39 - 150
Toluene	7.7	50.0	56.3	97.6%	46 - 148
Ethylbenzene	4.9	50.0	57.3	104%	32 - 160
p,m-Xylene	6.7	100	100	94.0%	46 - 148
o-Xylene	5.5	50.0	54.2	97.7%	46 - 148

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 Sample 50427 and 50441 - 50449.

Analyst 

Review 



Client:	XTO Energy	Project #:	98031-0121
Sample ID:	Fullerton Fed 14 #33	Date Reported:	06-10-09
Laboratory Number:	50441	Date Sampled:	06-08-09
Chain of Custody No:	7188	Date Received:	06-08-09
Sample Matrix:	Soil	Date Extracted:	06-09-09
Preservative:	Cool	Date Analyzed:	06-09-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
<b>Total Petroleum Hydrocarbons</b>	<b>3,730</b>	<b>9.5</b>

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: **B.G.T. Pit Samples**

Analyst

Review



Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	06-10-09
Laboratory Number:	06-09-TPH.QA/QC 50420	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	06-09-09
Preservative:	N/A	Date Extracted:	06-09-09
Condition:	N/A	Analysis Needed:	TPH

<b>Calibration</b>	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	05-26-09	06-09-09	1,480	1,540	4.0%	+/- 10%

<b>Blank Conc. (mg/Kg)</b>	Concentration	Detection Limit
TPH	ND	9.5

<b>Duplicate Conc. (mg/Kg)</b>	Sample	Duplicate	% Difference	Accept. Range
TPH	13.0	13.2	1.5%	+/- 30%

<b>Spike Conc. (mg/Kg)</b>	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	13.0	2,000	1,830	90.9%	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 Store No. 4551, 1978.

Comments: QA/QC for Samples 50420, 50435, 50436 and 50441 - 50447.

Analyst

Review

Client:	XTO Energy	Project #:	05089-0002
Sample ID:	Fullerton Fed 14 #33	Date Reported:	06-10-09
Lab ID#:	50441	Date Sampled:	06-08-09
Sample Matrix:	Soil	Date Received:	06-08-09
Preservative:	Cool	Date Analyzed:	06-10-09
Condition:	Intact	Chain of Custody:	7188

**Parameter****Concentration (mg/Kg)****Total Chloride****600**

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: **B.G.T. Pit Samples.**

Analyst



Review







**EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

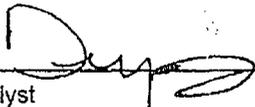
Client:	XTO Energy	Project #:	98031-0121
Sample ID:	BGT Pit	Date Reported:	10-16-09
Laboratory Number:	52080	Date Sampled:	10-14-09
Chain of Custody No:	8142	Date Received:	10-14-09
Sample Matrix:	Soil	Date Extracted:	10-14-09
Preservative:	Cool	Date Analyzed:	10-15-09
Condition:	Intact	Analysis Requested:	8015 TPH

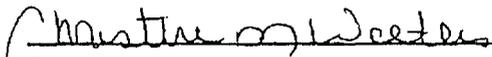
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Fullerton Federal 14 #33**

  
Analyst

  
Review



**EPA Method 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

**Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	10-15-09 QA/QC	Date Reported:	10-16-09
Laboratory Number:	52072	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-15-09
Condition:	N/A	Analysis Requested:	TPH

Gasoline Range C5 - C10	05-07-07	9.7458E+002	9.7497E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.4088E+002	9.4126E+002	0.04%	0 - 15%

Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

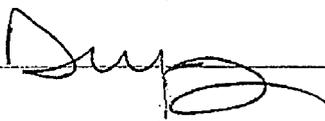
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Gasoline Range C5 - C10	ND	250	253	101%	75 - 125%
Diesel Range C10 - C28	ND	250	240	96.0%	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 52065 - 52066, 52072 - 52073, and 52080.

Analyst 

Review 



Client:	XTO Energy	Project #:	98031-0121
Sample ID:	BGT Pit	Date Reported:	10-16-09
Lab ID#:	52080	Date Sampled:	10-14-09
Sample Matrix:	Soil	Date Received:	10-14-09
Preservative:	Cool	Date Analyzed:	10-15-09
Condition:	Intact	Chain of Custody:	8142

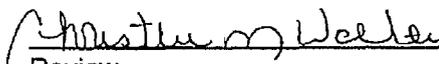
Parameter	Concentration (mg/Kg)
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Total Chloride	490
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Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.  
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Fullerton Federal 14 #33.

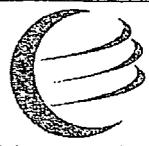
  
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Analyst

  
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Review

# CHAIN OF CUSTODY RECORD

8142 *RusH*

Client: <b>XTO ENERGY</b>			Project Name / Location: <b>FULLERTON FEDERAL 14 # 33</b>				ANALYSIS / PARAMETERS													
Client Address: <b>382 ROAD 3100 AZTEC NM 87410</b>			Sampler Name: <b>KURT</b>				TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	PCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No.: <b>333-3207</b>			Client No.: <b>980 31-0121</b>																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative														
				Soil Solid	Sludge Aqueous	(1) 4oz Jar														
<b>B.G.T. PIT</b>	<b>10/14</b>	<b>1:30</b>	<b>52080</b>	Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
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				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
Relinquished by: (Signature) <i>Kurt Hoekstra</i>				Date	Time	Received by: (Signature) <i>[Signature]</i>				Date	Time									
				<b>10/14</b>	<b>2:08</b>					<b>10-14/09</b>	<b>1408</b>									
Relinquished by: (Signature)						Received by: (Signature) <i>[Signature]</i>														
Relinquished by: (Signature)						Received by: (Signature)														


**envirotech** E-MAIL RESULTS TO:  
 Analytical Laboratory **KURT HOEKSTRA**  
**KIM CHAMPLIN**

5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com