

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**

30-045-30755 **OPERATOR** ☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: Logan Hixon
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683
Facility Name: Kutz J Federal #2E (30-045-30755)	Facility Type: Gas Well

Surface Owner: Federal Land	Mineral Owner:	Lease No.: NMSF-077384
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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
I	6	27 N	10W	1645	FSL	1160	FEL	San Juan

**Latitude:** N36\*.60083 **Longitude:** W-107\*.93167

**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: January 5, 2012
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	RCVD JUN 26 '12
By Whom?	Date and Hour:	01 COMS NTU
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.\*

The below grade tank was taken out of service at the Kutz J Federal #2E well site due to the plugging and abandoning of 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 and 8015, 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 the total chlorides, but above the 'pit rule' standards for TPH, 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 zero due to no washed within 1,000 feet, an estimated depth to groundwater of over 100 feet, and a water well search showing no registered water wells within 1,000 feet. This set the closure standard to 5,000 ppm TPH, 10 ppm benzene and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.\*

Based on TPH results of 257 ppm via USEPA Method 418.1, it has been confirmed that a release had occurred on this location. The BGT closure composite sample returned results well below the regulatory standards determined for this site pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. No further action is required at this site. All applicable analytical results 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.

<b>OIL CONSERVATION DIVISION</b>	
Signature: <u>Logan Hixon</u>	Approved by District Supervisor: <u>[Signature]</u>
Printed Name: Logan Hixon	Approval Date: <u>6/26/12</u> Expiration Date:
Title: Environmental Technician	Conditions of Approval:
E-mail Address: Logan_Hixon@xtoenergy.com	Attached <input type="checkbox"/>
Date: <u>6/22/12</u> Phone: 505-333-3202	

NR1217841498

Client:	XTO	Project #:	98031-0528
Sample ID:	BGT Closure	Date Reported:	01-05-12
Laboratory Number:	60725	Date Sampled:	01-04-12
Chain of Custody No:	13121	Date Received:	01-04-12
Sample Matrix:	Soil	Date Extracted:	01-04-12
Preservative:	Cool	Date Analyzed:	01-05-12
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: **Kutz J Federal #2E**

  
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Analyst  
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Review

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laboratory@envirotech-inc.com



Analytical Laboratory

EPA Method 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

### Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	01-05-12 QA/QC	Date Reported:	01-05-12
Laboratory Number:	60725	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-05-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	40913	9.996E+02	1.000E+03	0.04%	0 - 15%
Diesel Range C10 - C28	40913	9.996E+02	1.000E+03	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	3.49	0.2
Diesel Range C10 - C28	6.38	0.1


Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Range
Gasoline Range C5 - C10	ND	ND	0.00%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.00%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	220	87.9%	75 - 125%
Diesel Range C10 - C28	ND	250	235	93.8%	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 60725-60728.

  
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Analyst

  
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Client:	XTO	Project #:	98031-0528
Sample ID:	BGT Closure	Date Reported:	01-05-12
Laboratory Number:	60725	Date Sampled:	01-04-12
Chain of Custody:	13121	Date Received:	01-04-12
Sample Matrix:	Soil	Date Analyzed:	01-05-12
Preservative:	Cool	Date Extracted:	01-04-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

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.

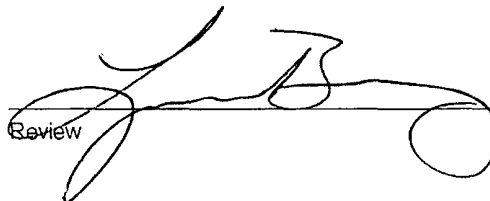
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	85.2 %
	1,4-difluorobenzene	82.3 %
	Bromochlorobenzene	82.6 %

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: Kutz J Federal #2E

  
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Client:	N/A	Project #:	N/A
Sample ID:	0105BBLK QA/QC	Date Reported:	01-05-12
Laboratory Number:	60725	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-05-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	2.0718E+007	2.0759E+007	0.2%	ND	1.0
Toluene	2.1276E+007	2.1319E+007	0.2%	ND	1.0
Ethylbenzene	1.9045E+007	1.9084E+007	0.2%	ND	1.0
p,m-Xylene	4.8336E+007	4.8433E+007	0.2%	ND	1.0
o-Xylene	1.7518E+007	1.7553E+007	0.2%	ND	1.0

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	10.0
Toluene	ND	ND	0.0%	0 - 30%	10.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	10.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	10.0
o-Xylene	ND	ND	0.0%	0 - 30%	10.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	500	477	95.3%	39 - 150
Toluene	ND	500	488	97.6%	46 - 148
Ethylbenzene	ND	500	481	96.2%	32 - 160
p,m-Xylene	ND	1000	972	97.2%	46 - 148
o-Xylene	ND	500	495	99.0%	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 60725, 60727-60728.

Analyst

Review

Client:	XTO	Project #:	98031-0528
Sample ID:	BGT Closure	Date Reported:	01-05-12
Laboratory Number:	60725	Date Sampled:	01-04-12
Chain of Custody No:	13121	Date Received:	01-04-12
Sample Matrix:	Soil	Date Extracted:	01-05-12
Preservative:	Cool	Date Analyzed:	01-05-12
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	257	18.2

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: **Kutz J Federal #2E**



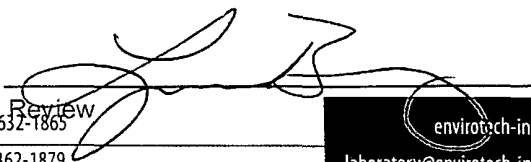
Analyst

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**TOTAL PETROLEUM HYDROCARBONS  
 QUALITY ASSURANCE REPORT**

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	01-05-12
Laboratory Number:	01-04-TPH.QA/QC 60725	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	01-05-12
Preservative:	N/A	Date Extracted:	01-05-12
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	11-16-11	01-05-12	1,610	1,670	3.7%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	6.4

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	257	295	15.0%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	257	2,000	1,860	82.4%	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 60725



Analyst



Review

Client:	XTO	Project #:	98031-0528
Sample ID:	BGT Closure	Date Reported:	01-05-12
Lab ID#:	60725	Date Sampled:	01-04-12
Sample Matrix:	Soil	Date Received:	01-04-12
Preservative:	Cool	Date Analyzed:	01-05-12
Condition:	Intact	Chain of Custody:	13121

**Parameter****Concentration (mg/Kg)****Total Chloride****120**

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.

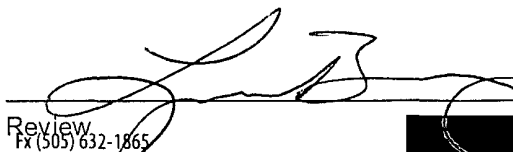
Comments: **Kutz J Federal #2E**



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# CHAIN OF CUSTODY RECORD

13121

Client: <b>XTO</b>			Project Name / Location: <b>KUTZ J FEDERAL #2E</b>			ANALYSIS / PARAMETERS														
Email results to: <b>JAMES MCDONNELL</b>			Sampler Name: <b>BRAD GRIFFIN</b>			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.: <b>757-0859</b>			Client No.: <b>98031-0528</b>																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative		TPH	BTEX	VOC	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
					HgCl <sub>2</sub>	HCl														
<b>BOT CLOSURE</b>	<b>1/4</b>	<b>1422</b>	<b>W0725</b>	<b>2 40Z</b>			<b>X</b>	<b>X</b>							<b>X</b>	<b>X</b>			<b>Y</b>	<b>Y</b>
Relinquished by: (Signature) <b>Bl 6/15</b>				Date <b>1/4</b>	Time <b>1500</b>	Received by: (Signature) <b>William Joe</b>				Date <b>1/4/12</b>	Time <b>1500</b>									
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 style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center;"> <b>RUSH!!!</b> </div> <div style="text-align: center;">  </div> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center;"> <b>RUSH!!!</b> </div> </div>																				