

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

30-045-30371

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: State Gas COM M #1B (30-045-30371)	Facility Type: Gas Well

Surface Owner: State	Mineral Owner:	Lease No.:
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LOCATION OF RELEASE

Unit Letter K	Section 16	Township 31N	Range 12W	Feet from the 1755	North/South Line FSL	Feet from the 1940	East/West Line FWL	County San Juan
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Latitude: 36.89676 Longitude: -108.10378

RCVD DEC 22 '11
OIL CONS. DIV.

NATURE OF RELEASE

Type of Release: Produced Water/Condensate	Volume of Release: 8.3 BBL	Volume Recovered: None
Source of Release: Leaking Production Tank	Date and Hour of Occurrence: 12/14/11 - 8:00	Date and Hour of Discovery: 12/14/11 - 8:00
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	
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.*

A corrosion hole formed in the bottom of the production tank at this site, leaking approximately 5 inches of fluids. There was an estimated 5 inches of produced water in the production tank the last time the tank was gauged, and no produced water was found on the bottom of the tank on December 14, 2011 when the tank was gauged. The remaining condensate inside the tank was drained, and the tank was removed and repaired. The site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 30 due to a wash at less than 200 feet from the location, and an estimated depth to groundwater of less than 100 feet, but greater than 50 feet. This set the closure standards to 100 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.*

On 12/15/2011, Nelson Revegetation was on-site to perform a spill assessment after the production tank had been removed. A sample was collected from the surface beneath the tank, and a sample was collected from approximately 2' below ground surface (BGS) where the tank had been. Both samples were screened in the field for organic vapors using a PID. The surface sample returned results of 3,603 ppm, while the sample from 2' BGS returned results of 1.2 ppm. It was determined that excavation would be necessary to a depth of approximately 2'. On 12/16/2011, Nelson Revegetation was on-site to oversee excavation activities. The spill area was excavated to extents of approximately 15' x 15' x 2' deep, where a composite sample was collected of the excavated area. The sample was analyzed for DRO/GRO via USEPA Method 8015, and for benzene and BTEX via USEPA Method 8021. The sample returned results of non-detect for all constituents analyzed. No further excavation is necessary. Approximately 10 cubic yards of impacted soil was transported to IEI for disposal, and material was brought in from Four Corners Material for backfill. All applicable field notes, analytical results and bills of lading 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

OIL CONSERVATION DIVISION

Signature:

Printed Name: James McDaniel, CHMM #15676

Title: EH&S Supervisor

E-mail Address: James_McDaniel@xtoenergy.com

Date: 12/21/2011

Phone: 505-333-3701

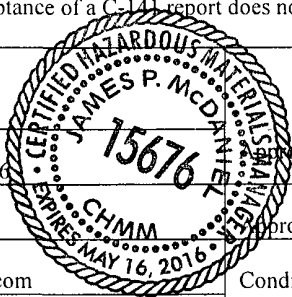
Approved by District Supervisor:

Approval Date: 1/10/2012

Expiration Date:

Conditions of Approval:

Attached ☐



15K1201046235



Nelson Revegetation On-Site Form

Well Name STATE GAS COM M#1B API# 30-045-30371

Section 16 Township 31N Range 12W County SAN JUAN

Spill Amount 8 bbls Spilled (Oil / Produced Water / Other PROD WATER)

Land Use (Grazing / Residential / Tribe GRAZING) Excavation x Deep

Site Ranking ~~1000~~ 10 NMOCD TPH Closure Standard 1000

Sample Location

Sample Location

Sample Location

Comments

				Method 418.1					
Time	Sample #	Description	Wt	Reading	Dilution	TPH	VOC	Lab Analysis	
7:40	1	COMP SAMPLE FROM TK AREA					3603	—	
	2	GRAB SAMPLE 2' BGS					1.2	—	

Name JOSH KIRCHNER

Sign [Signature]

Date 12-15-11 Time On-Site 0715 Time Off-Site Page 1 of 2



Nelson Revegetation On-Site Form

Well Name STATE GAS COM' M#1B API# 30-045-30371

Section 16 Township 31N Range 12W County SAN JUAN

Spill Amount 8 bbls Spilled (Oil / Produced Water / Other PRODUCED WATER)

Land Use (Grazing / Residential / Tribal GRAZING) Excavation 15 x 15 x 2 Deep

Site Ranking 20 NMOCD TPH Closure Standard 100

Diagram illustrating the site layout and sample locations. The diagram shows a well area with a dashed line indicating the 15' x 15' x 2' excavation. Key features include:

- WASH 3/2
- MR (Monitoring Point)
- PROD TLE (Produced Water Treatment Line)
- BGT (Borehole Treatment)
- SEP (Separator)
- CR (Control Room)
- COMP (Compressor)
- Sample Location (indicated by a dashed line and a small circle)

Comments:

			Method 418.1					
Time	Sample #	Description	Wt	Reading	Dilution	TPH	VOC	Lab Analysis
16:5	1	CONF SAMPLER						805/8521

Name JOSH KIRCHNER

Sign [Signature]

Date 12-16-4 Time On-Site 1145 Time Off-Site 1630 Page 2 of 2



envirotech
Analytical Laboratory

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

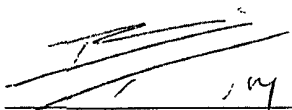
Client:	XTO	Project #:	98031-0528
Sample ID:	Confirmation	Date Reported:	12-20-11
Laboratory Number:	60657	Date Sampled:	12-16-11
Chain of Custody No:	13085	Date Received:	12-16-11
Sample Matrix:	Soil	Date Extracted:	12-16-11
Preservative:	Cool	Date Analyzed:	12-19-11
Condition:	Intact	Analysis Requested:	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	

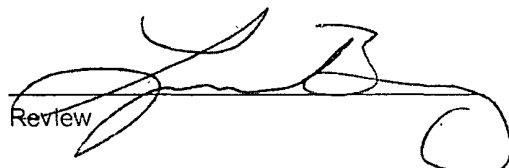
ND - Parameter not detected at the stated detection limit.

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

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



Analyst



Review

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

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	12-19-11 QA/QC	Date Reported:	12-20-11
Laboratory Number:	60625	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-19-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	40896	9.996E+02	1.000E+03	0.04%	0 - 15%
Diesel Range C10 - C28	40896	9.996E+02	1.000E+03	0.04%	0 - 15%

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

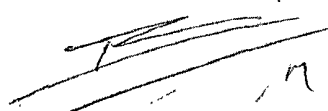
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Range
Gasoline Range C5 - C10	ND	ND	0.00%	0 - 30%
Diesel Range C10 - C28	32.8	32.9	0.25%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	246	98.3%	75 - 125%
Diesel Range C10 - C28	32.8	250	284	100%	75 - 125%

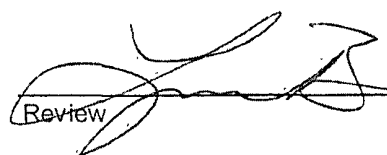
ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 60607-60611, 60625-60626, 60630 and 60657



 Analyst



 Review

Client:	XTO	Project #:	98031-0528
Sample ID:	Confirmation	Date Reported:	12-20-11
Laboratory Number:	60657	Date Sampled:	12-16-11
Chain of Custody:	13085	Date Received:	12-16-11
Sample Matrix:	Soil	Date Analyzed:	12-19-11
Preservative:	Cool	Date Extracted:	12-16-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	4.5
Toluene	ND	4.5
Ethylbenzene	ND	4.5
p,m-Xylene	ND	4.5
o-Xylene	ND	4.5
Total BTEX	ND	


ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95.9 %
	1,4-difluorobenzene	123 %
	Bromochlorobenzene	93.0 %

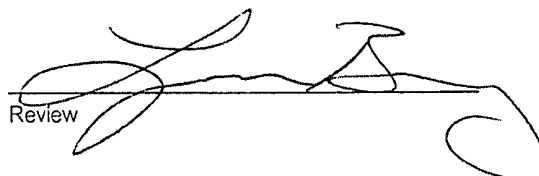
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Comments: State Gas Com M #1B



 Analyst



 Review



envirotech

Analytical Laboratory

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	1219BBLK QA/QC	Date Reported:	12-20-11
Laboratory Number:	60657	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-19-11
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	2.2863E+007	2.2909E+007	0.2%	ND	0.5
Toluene	2.3841E+007	2.3888E+007	0.2%	ND	0.5
Ethylbenzene	2.1322E+007	2.1365E+007	0.2%	ND	0.5
p,m-Xylene	5.3725E+007	5.3832E+007	0.2%	ND	0.5
o-Xylene	1.9778E+007	1.9817E+007	0.2%	ND	0.5

Duplicate Conc: (ug/Kg)	Sample	Duplicate	% Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	4.5
Toluene	ND	ND	0.0%	0 - 30%	4.5
Ethylbenzene	ND	ND	0.0%	0 - 30%	4.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	4.5
o-Xylene	ND	ND	0.0%	0 - 30%	4.5

Spike Conc: (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	500	485	96.9%	39 - 150
Toluene	ND	500	470	94.0%	46 - 148
Ethylbenzene	ND	500	471	94.1%	32 - 160
p,m-Xylene	ND	1000	947	94.7%	46 - 148
o-Xylene	ND	500	473	94.6%	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.

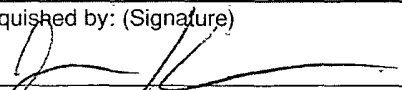
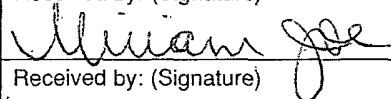

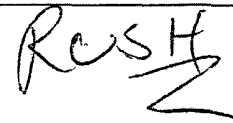
Comments: QA/QC for Samples 60607-60608, 60610-60611, 60630 and 60657

Analyst

Review

CHAIN OF CUSTODY RECORD

13085

Client: XTO			Project Name / Location: STATE GAS COM M#1B			ANALYSIS / PARAMETERS													
Email results to: JAMES MCDANIEL			Sampler Name: JKIRCHNER			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.: 787 0519			Client No.: 98031 - 0528																
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No. / Volume of Containers	Preservative														
					HgCl ₂	HCl													
CONFIRMATION	12-16	165	60057	1 4oz			✓	✓										✓	✓
Relinquished by: (Signature) 				Date	Time	Received by: (Signature) 				Date	Time								
Relinquished by: (Signature)				12-16	1640					12-16	1640								
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="border: 2px solid black; border-radius: 50%; width: 150px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;">  </div>															



Industrial Ecosystems Inc.

#49 C.R. 3150 • Aztec, NM 87410

Phone: 505-632-1782 • Fax: 505-632-1876

18714

Customer X70

Unit: 17

Employee: TPC

Contact: Rory Tucker

Date: 12-16-11

PO#: _____

Location Name State AC 13

☐ Jicarilla Apache Land ☐ Southern Ute Land

Billing Code: _____

LABOR		HRS/UNITS	RATE		TOTAL	
Equipment Operator	41000.1	Hours/Day	\$	Per hour/day	\$	
General Laborer	41000.1	Hours	\$	Per hour	\$	
Project Manager	41000.1	Hours	\$	Per hour	\$	
Per Diem	41000.1	Hours	\$	Per day/man	\$	
Travel Time	41000.1	Hours	\$	Per hour	\$	
EQUIPMENT						
4wd Pickup	42000.1	Miles	\$	Per mile	\$	
12yd Dump Truck	42000.1	Hours	\$	Per hour	\$	
18yd Side Dump	42000.1	Hours	\$	Per hour	\$	
Backhoe with Operator	42000.1	Hours	\$	Per hour	\$	
Loader with Operator	42000.1	Hours	\$	Per hour	\$	
Excavator with Operator	42000.1	Hours	\$	Per hour	\$	
One Ton Truck	42000.1	Hours/Day	\$	Per hour/day	\$	
Portable Pressure Wash	42000.1	Hours/Day	\$	Per hour/day	\$	
Portable Pres. Wash Unit	42000.1	Hours	\$	Per hour	\$	
80 Barrel Vacuum Truck	42000.1	Hours	\$	Per hour	\$	
King Vac Truck with Crew	42000.1	Hours	\$	Per hour	\$	
Skid Steer	42000.1	Hours	\$	Per hour	\$	
Mileage	42000.1	Miles	\$	Per mile	\$	
SCBA (Breathing Apparatus)	42000.1	Day	\$	Per day	\$	
SCBA Refill	42000.1	Each	\$	Per Refill	\$	
LEL, O ₂ , H ₂ S Monitoring	42000.1	Day	\$	Per day	\$	
SERVICES						
Chloride Test	45000.2	Each	\$ 15.00	Per test	\$ 15.00	
Mobile Dewatering	42100.1	Hours/Day	\$	Per hour/day	\$	
Mob/Demob	42100.1	Hours	\$	Per hour	\$	
Monthly Maintenance	45000.1	Month	\$	Per month	\$	
SUPPLIES						
Soap/Degreaser		Gallons	\$	Per gallon	\$	
Misc. Description:		Each	\$	Per:	\$	
Virgin Soil/Gravel	45500.2	Cubic yard	\$	Per yard	\$	
DISPOSAL & MISC.						
Disposal Fee (solids)	44000.2	Cubic yard	\$ 20.00	Per yard	\$ 200.00	
Disposal Fee (liquids)	44100.2	Per barrel	\$	Per barrel	\$	
Facility Use Fee	42000.2	Each	\$	Each	\$	
Sub Total				215.00		
Tax				County		
Total				10% - 21.50		
				\$193.50		

Comments: Cont Soil

Employee Signature _____

Customer Signature _____

FOR BILLING INQUIRIES PLEASE CALL (505) 632-1782

AMOUNTS ARE DUE NET 30 DAYS. PURCHASER AGREES TO PAY FINANCE CHARGES OF 1.5% PER MONTH (ANNUAL PERCENTAGE RATE OF 18%) OR A MINIMUM CHARGE OF .50 PER MONTH. ACCOUNTS THAT HAVE BEEN PLACED FOR COLLECTION WILL BE CHARGED A \$100.00 COLLECTION FEE IN ADDITION TO REASONABLE ATTORNEY FEES AND COLLECTION CHARGES.