

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

30-045-29825 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 W F State 32-1 (30-045-29825)	Facility Type: Gas Well

Surface Owner: State	Mineral Owner:	Lease No.:
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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
O	32	30N	14W	1150	FSL	1670	FEL	San Juan

REC'D OCT 18 '10
OIL CONS. DIV.

Latitude: 36.7664 Longitude: -108.3293

DIST. 3

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 80 Bbbls	Volume Recovered: 30 Bbbls
Source of Release: Leaking Pipeline	Date and Hour of Occurrence: 10/11/2010	Date and Hour of Discovery: 10/11/2010
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	
By Whom? James McDaniel	Date and Hour: 10/11/10 @ 4 12 PM	
Was a Watercourse Reached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse. 50 Bbbls	

If a Watercourse was Impacted, Describe Fully *

Produced water flowed into a dry intermittent stream, flowing approximately 500 feet in the first order tributary of the Coolidge Arroyo before coming to a stop. No flowing waters or waters of the State were impacted by this spill

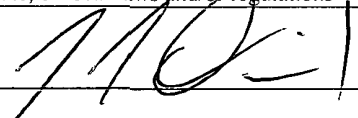
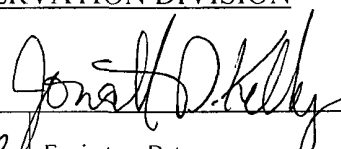
Describe Cause of Problem and Remedial Action Taken *

On October 11, 2010, an XTO employee noticed a leaking pipeline at the W F State 32-1 well site. This pipeline transports produced water from XTO wells to the Salty Dog SWD #1 disposal well. All wells feeding the pipeline were shut in, and the leak was stopped. An estimated 80 bbls of water was leaked from the pipeline, with 30 bbls recovered. The leaking pipeline was hydro-excavated and repaired. After a pressure check, the pipeline was put back into service and the wells brought back online. The spill traveled approximately 300 feet down a lease road, and flowed into a drainage feature off the road. The spill traveled along the drainage feature for approximately 350 feet before meeting a first order tributary of the Coolidge Arroyo. The spill traveled an additional 500 feet in the first order tributary of the Coolidge Arroyo before coming to an end. In all, the spill traveled an estimated 1,150 feet from the source. A cleanup standard of 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX was determined from this site using the Guidelines for the Remediation of Leaks, Spills and Releases.

Describe Area Affected and Cleanup Action Taken *

On October 11, 2010, and XTO representative was on-site to collect samples from the spill area. A composite sample was collected from the top portion of the spill, the bottom portion of the spill, and the middle portion of the spill, as well as the background. The spill samples were analyzed for TPH via USEPA Method 8015, total BTEX via USEPA Method 8021, and for chlorides. The background sample was analyzed for chlorides only. All three (3) samples collected in the spill area returned results below the regulatory standards determined for this site. All three (3) samples also returned chloride results below 200 ppm total chlorides. Because this spill does not pose an immediate threat to the environmental and human health, no further cleanup action is necessary. 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: James McDaniel	Approved by District Supervisor: 	
Title: EH&S Specialist	Approval Date: 3/6/2012	Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/15/2010	Phone: 505-333-3701	

nJK1206640130



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

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Beginning	Date Reported:	10-13-10
Laboratory Number:	56156	Date Sampled:	10-11-10
Chain of Custody No:	10508	Date Received:	10-12-10
Sample Matrix:	Soil	Date Extracted:	10-12-10
Preservative:	Cool	Date Analyzed:	10-13-10
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: **WF State 32 #1 Water Line Break**

Analyst

Review



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Analytical Laboratory

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

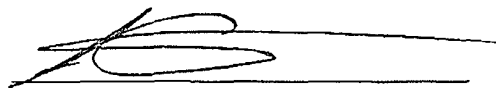
Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Middle	Date Reported:	10-13-10
Laboratory Number:	56157	Date Sampled:	10-11-10
Chain of Custody No:	10508	Date Received:	10-12-10
Sample Matrix:	Soil	Date Extracted:	10-12-10
Preservative:	Cool	Date Analyzed:	10-13-10
Condition:	Intact	Analysis Requested:	8015 TPH

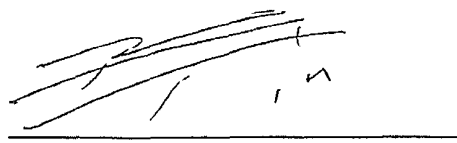
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.2	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.2	

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: **WF State 32 #1 Water Line Break**


Analyst


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

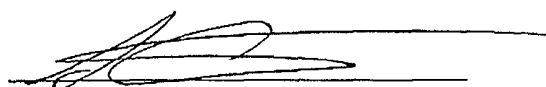
Client:	XTO Energy	Project #:	98031-0528
Sample ID:	End	Date Reported:	10-13-10
Laboratory Number:	56158	Date Sampled:	10-11-10
Chain of Custody No:	10508	Date Received:	10-12-10
Sample Matrix:	Soil	Date Extracted:	10-12-10
Preservative:	Cool	Date Analyzed:	10-13-10
Condition:	Intact	Analysis Requested:	8015 TPH

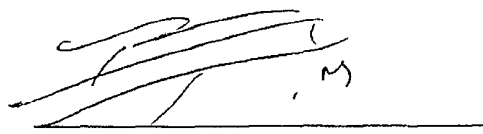
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	

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: **WF State 32 #1 Water Line Break**


Analyst


Review



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Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-13-10 QA/QC	Date Reported:	10-13-10
Laboratory Number:	56145	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-13-10
Condition:	N/A	Analysis Requested:	TPH

	E-Cal Date	E-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	10-13-10	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	10-13-10	9.9960E+002	1.0000E+003	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

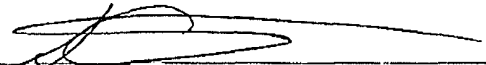
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%


Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	256	103%	75 - 125%
Diesel Range C10 - C28	ND	250	253	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 56145, 56156-56158, 56120-56121, 56166-56168


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Beginning	Date Reported:	10-13-10
Laboratory Number:	56156	Date Sampled:	10-11-10
Chain of Custody:	10508	Date Received:	10-12-10
Sample Matrix:	Soil	Date Analyzed:	10-13-10
Preservative:	Cool	Date Extracted:	10-12-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	ND	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	4.2	1.2
o-Xylene	3.5	0.9
Total BTEX	7.7	

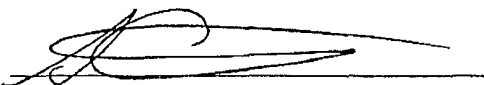
ND - Parameter not detected at the stated detection limit.

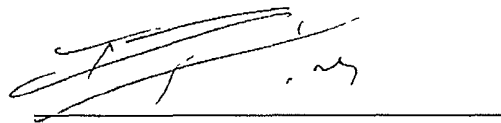
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.4 %
	1,4-difluorobenzene	102 %
	Bromochlorobenzene	100 %

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: WF State 32 #1 Water Line Break


Analyst


Review



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**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Middle	Date Reported:	10-13-10
Laboratory Number:	56157	Date Sampled:	10-11-10
Chain of Custody:	10508	Date Received:	10-12-10
Sample Matrix:	Soil	Date Analyzed:	10-13-10
Preservative:	Cool	Date Extracted:	10-12-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	ND	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	3.1	1.2
o-Xylene	2.7	0.9
Total BTEX	5.8	


ND - Parameter not detected at the stated detection limit.

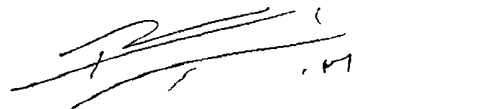
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.4 %
	1,4-difluorobenzene	101 %
	Bromochlorobenzene	100 %

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: WF State 32 #1 Water Line Break


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	End	Date Reported:	10-13-10
Laboratory Number:	56158	Date Sampled:	10-11-10
Chain of Custody:	10508	Date Received:	10-12-10
Sample Matrix:	Soil	Date Analyzed:	10-13-10
Preservative:	Cool	Date Extracted:	10-12-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	1.1	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	16.3	1.2
o-Xylene	5.2	0.9
Total BTEX	22.6	

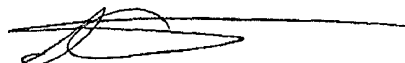
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.1 %
	1,4-difluorobenzene	97.8 %
	Bromochlorobenzene	97.2 %


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: WF State 32 #1 Water Line Break



Analyst



Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	1013BBLK QA/QC	Date Reported:	10-13-10
Laboratory Number:	56156	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-13-10
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	L-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect. Limit
			Accept Range 0 - 15%		
Benzene	4.7878E+005	4.7974E+005	0.2%	ND	0.1
Toluene	5.8244E+005	5.8361E+005	0.2%	ND	0.1
Ethylbenzene	5.3540E+005	5.3648E+005	0.2%	ND	0.1
p,m-Xylene	1.2801E+006	1.2826E+006	0.2%	ND	0.1
o-Xylene	4.8462E+005	4.8559E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	4.2	4.1	2.4%	0 - 30%	1.2
o-Xylene	3.5	3.2	8.6%	0 - 30%	0.9

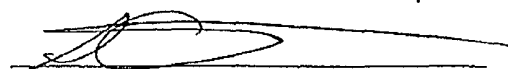
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	500	503	101%	39 - 150
Toluene	ND	500	503	101%	46 - 148
Ethylbenzene	ND	500	514	103%	32 - 160
p,m-Xylene	4.2	1000	1,020	102%	46 - 148
o-Xylene	3.5	500	512	102%	46 - 148

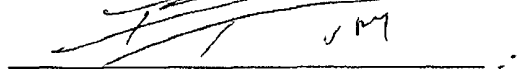
ND - Parameter not detected at the stated detection limit

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 56156-56158, 56166-56168


Analyst

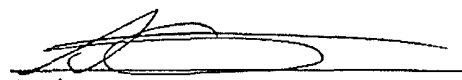
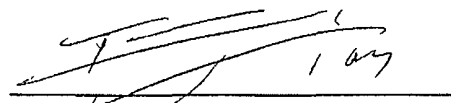

Review

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Beginning	Date Reported:	10-13-10
Lab ID#:	56156	Date Sampled:	10-11-10
Sample Matrix:	Soil	Date Received:	10-12-10
Preservative:	Cool	Date Analyzed:	10-13-10
Condition:	Intact	Chain of Custody:	10508

Parameter**Concentration (mg/Kg)****Total Chloride****195**

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: **WF State 32 #1 Water Line Break**


Analyst
Review

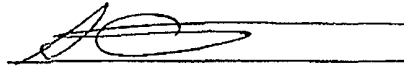


Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Middle	Date Reported:	10-13-10
Lab ID#:	56157	Date Sampled:	10-11-10
Sample Matrix:	Soil	Date Received:	10-12-10
Preservative:	Cool	Date Analyzed:	10-13-10
Condition:	Intact	Chain of Custody:	10508

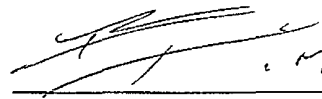
Parameter	Concentration (mg/Kg)
Total Chloride	145

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: **WF State 32 #1 Water Line Break**



Analyst



Review



Chloride

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	End	Date Reported:	10-13-10
Lab ID#:	56158	Date Sampled:	10-11-10
Sample Matrix:	Soil	Date Received:	10-12-10
Preservative:	Cool	Date Analyzed:	10-13-10
Condition:	Intact	Chain of Custody:	10508


Parameter	Concentration (mg/Kg)
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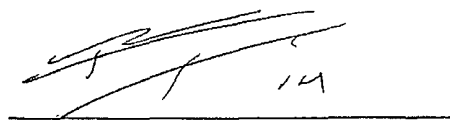
Total Chloride

155

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: **WF State 32 #1 Water Line Break**


Analyst


Review



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Chloride

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	Back Ground	Date Reported:	10-13-10
Lab ID#:	56159	Date Sampled:	10-11-10
Sample Matrix:	Soil	Date Received:	10-12-10
Preservative:	Cool	Date Analyzed:	10-13-10
Condition:	Intact	Chain of Custody:	10508

Parameter	Concentration (mg/Kg)
Total Chloride	5

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: **WF State 32 #1 Water Line Break**


Analyst


Review

CHAIN OF CUSTODY RECORD

10508

Client: XTO ENERGY			Project Name / Location: WF STATE 32 #1 BREAK			ANALYSIS / PARAMETERS													
Client Address: 382 ROAD 3100 AZTEC NM 87410			Sampler Name: KURT																
Client Phone No.: 333-3100			Client No.: 98031-0528																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No /Volume of Containers	Preservative HgCl ₂ 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
BEGINNING	10-11	4:45	56156	Soil Solid	Sludge Aqueous			X	X							X		X	X
MIDDLE	10-11	5:00	56157	Soil Solid	Sludge Aqueous			X	X							X		X	X
END	10-11	5:05	56158	Soil Solid	Sludge Aqueous			X	X							X		X	X
				Soil Solid	Sludge Aqueous														
BACKGROUND	10-11	4:55	56159	Soil Solid	Sludge Aqueous											X		X	X
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
Relinquished by: (Signature) <i>Kurt Hiepstra</i>				Date 10/12	Time 8:25	Received by: (Signature) <i>Lucretia Patten</i>				Date 10.12.10	Time 8:25								
Relinquished by: (Signature)						Received by: (Signature)													
Relinquished by: (Signature)						Received by: (Signature)													

RUSH



envirotech
Analytical Laboratory

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