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 **Breech A #679 (API# 30-039-06583)**	Facility Type **Gas Well (Mesa Verde/Chacra)**

Surface Owner **BLM**	Mineral Owner **BLM**	Lease No. **NMSF079035A**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	**09**	**26N**	**06W**	**1980**	**South**	**1980**	**East**	**Rio Arriba**

Latitude 36.500427 **Longitude** 107.470815

NATURE OF RELEASE

Type of Release **Produced Oil**	Volume of Release **54 BBLS**	Volume Recovered **0 BBLS**
Source of Release **Drain Line**	Date and Hour of Occurrence **01/27/10 Unknown**	Date and Hour of Discovery **01/27/10 11:30 AM**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Brandon Powell- OCD** **Mark Kelly- BLM**	
By Whom? **Kim Champlin**	Date and Hour **01/28/2010 10:49AM 10:51 AM**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD FEB 10 '10
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* **While gauging a production tank XTO lease operator discovered approximately 54 barrels of produced oil missing from the last gauge. All valves and seals were intact and there was no evidence of theft. Also there was no visible/standing oil on the ground or in the berm. It was assumed there was a leak in the tank. The tank was emptied and moved for clean up.**

Describe Area Affected and Cleanup Action Taken.* **Construction staff was dispatched to location to begin repairs and clean up. The tank was emptied and removed to be hydro tested. The impacted area of the berm was excavated. The impacted soil was taken to a licensed disposal facility (approximately 40 cubic yards). The area was sampled to verify the impact was removed, (sample results attached). All lab results are below standards for TPH and BTEX in a non sensitive area. The excavated area is scheduled to be backfilled with clean fill. The tank hydro tested ok and there were no leaks in the tank. A 3" non freeze sealable load line valve and a 2" non freeze sealable water drain valve were replaced on the tank and the tank will be re-installed.**

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: Kim Champlin	OIL CONSERVATION DIVISION
Printed Name: **Kim Champlin**	Approved by District Supervisor: Bob Bell For CO
Title: **EHS Administrative Coordinator**	Approval Date: 4/9/10 Expiration Date:
E-mail Address: **Kim_Champlin@xtoenergy.com**	Conditions of Approval: Attached ☐
Date: **02/09/10** Phone: **505-333-3100**	

* Attach Additional Sheets If Necessary

NRMD 1010253710

10

BUREAU OF LAND MANAGEMENT
WO MAJOR UNDESIRABLE EVENT (MUE) REPORTING FORMAT

BLM Office Reporting:					
BLM Employee:					
Company Official Reporting to BLM: **Kim Champlin**					
Operator: **XTO Energy Inc.**					
Date/Time of Occurrence: **01/24/10 Unknown**			Date/Time BLM Notified: **01/26/10 1:44 PM**		
Field/Unit Name: **Valencia Canyon Unit #40**			Lease Number: **NMNM78429B**		
State: **NM**	County: **Rio Arriba**	Twn: **28N**	Rng: **04W**	Sec: **35M**	Qtr:
Surface Ownership: (circle one)	Federal	Indian	State	FEE	
Type of Event: (circle one)	Oil Spill	Oil/Water Spill	Gas Venting	Toxic Fluid Spill	
	Saltwater Spill	Other Spill (Specify)	Blowout	Fire	
	Injury	Fatality	Property Damage	Explosion	

Nature and Cause of Event:
XTO lease operator discovered damage to the drain line from the production tank to the water pit tank. Upon investigation it was discovered that while cleaning snow from the location the equipment operator had inadvertently hit the drain line and the valve was pulled off the back of the production tank and oil was draining from the tank.

Environmental Impact:
When the line was pulled it made a hole in the berm around the tank and oil was released from the bermed area. The release traveled toward the edge of the location but did not leave location. Construction staff and vac truck were dispatched to location to begin repairs and clean up.

Time Required to Control Event (Hours):	**.5**
Volumes Discharged or Consumed:	**150 Barrels Oil**
Volumes Recovered:	**10 Barrels**

Action Taken to Control Event: **The edge of the location was bermed and vac trucks were immediately dispatched. The tank was emptied and the location was cleaned of standing fluids. Approximately 10 barrels of oil was recovered from the location and berm.**

Resultant Damage: **Impact to soil directly under tank, within the bermed area and on the location pad.**

Clean-Up Procedures: **The area of the location that was impacted was excavated. The impacted soil was taken to a licensed disposal facility (approximately 200 cubic yards). The area was sampled in three separate locations to verify the impact was removed, (sample results and drawing attached). All lab results are below standards for TPH and BTEX. The excavated area is scheduled to be backfilled, the line repaired and a new tank installed.**

Cause/Extent of Personal Injury:

Agency Notification List: (Federal/State/Local):	Agency Name	Contact Name	Date/Time
	NMOCD	**Brandon Powell**	**01/26/10 1:36PM**
	BLM	**Mark Kelly**	**01/26/10 1:44PM**
	USFS	**John Reidinger**	**01/26/10 1:55PM**

Remarks:

Attachment 2

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	Tank Leak	Date Reported:	02-04-10
Laboratory Number:	53056	Date Sampled:	02-02-10
Chain of Custody No:	8703	Date Received:	02-03-10
Sample Matrix:	Soil	Date Extracted:	02-03-10
Preservative:	Cool	Date Analyzed:	02-04-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1,460**	**0.2**
Diesel Range (C10 - C28)	**914**	**0.1**
Total Petroleum Hydrocarbons	**2,370**	**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: **Breech A #679**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	Tank Leak	Date Reported:	02-04-10
Laboratory Number:	53056	Date Sampled:	02-02-10
Chain of Custody:	8703	Date Received:	02-03-10
Sample Matrix:	Soil	Date Analyzed:	02-04-10
Preservative:	Cool	Date Extracted:	02-03-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**515**	**0.9**
Toluene	**14,600**	**1.0**
Ethylbenzene	**466**	**1.0**
p,m-Xylene	**25,300**	**1.2**
o-Xylene	**9,290**	**0.9**
Total BTEX	**50,200**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**93.0 %**
	1,4-difluorobenzene	**89.3 %**
	Bromochlorobenzene	**98.0 %**

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: **Breech A #679**

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:	02-04-10 QA/QC	Date Reported:	02-04-10
Laboratory Number:	53053	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-04-10
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	1.1514E+003	1.1519E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.1154E+003	1.1158E+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
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	24.2	24.2	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	248	99.2%	75 - 125%
Diesel Range C10 - C28	24.2	250	273	99.6%	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 53043, 53048 - 53050, and 53052 - 53056**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-04-BT QA/QC	Date Reported:	02-04-10
Laboratory Number:	53053	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-04-10
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	7.4156E+005	7.4305E+005	0.2%	ND	0.1
Toluene	7.5414E+005	7.5566E+005	0.2%	ND	0.1
Ethylbenzene	7.1363E+005	7.1506E+005	0.2%	ND	0.1
p,m-Xylene	1.7551E+006	1.7586E+006	0.2%	ND	0.1
o-Xylene	6.8603E+005	6.8741E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	12.0	11.2	6.7%	0 - 30%	0.9
Toluene	7.8	6.7	14.1%	0 - 30%	1.0
Ethylbenzene	11.2	10.1	9.8%	0 - 30%	1.0
p,m-Xylene	41.1	39.9	2.9%	0 - 30%	1.2
o-Xylene	31.3	30.1	3.8%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	12.0	50.0	61.5	99.2%	39 - 150
Toluene	7.8	50.0	55.7	96.4%	46 - 148
Ethylbenzene	11.2	50.0	59.1	96.6%	32 - 160
p,m-Xylene	41.1	100	156	111%	46 - 148
o-Xylene	31.3	50.0	79.3	97.5%	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 53048 - 53050 and 53052 - 53056**

Analyst

Review

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CHAIN OF CUSTODY RECORD

8703 Rush

Client:	Project Name / Location:
XTO ENERGY	BEEECH A # 679
Client Address: 382 ROAD 3100 AZTEC NM 87410	Sampler Name: KURT
Client Phone No.: 333-3207	Client No.: 98031-0121

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative 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
TANK LEAK	2/2	3:00	53056	(Soil) Solid Sludge Aqueous	(1) 4oz JAR				X	X												Y	Y
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
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Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kurt Hoekstra	2/3	8:45	[signature]	2/03/10	8:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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Analytical Laboratory

E-MAIL RESULTS TO:
KURT HOEKSTRA
KIM CHAMPLIN

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

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO	Project #:	98031-0121
Sample ID:	Re-Sample Tank Leak	Date Reported:	02-08-10
Laboratory Number:	53073	Date Sampled:	02-05-10
Chain of Custody:	8705	Date Received:	02-05-10
Sample Matrix:	Soil	Date Analyzed:	02-08-10
Preservative:	Cool	Date Extracted:	02-05-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**106**	**0.9**
Toluene	**3,220**	**1.0**
Ethylbenzene	**1,100**	**1.0**
p,m-Xylene	**8,350**	**1.2**
o-Xylene	**2,930**	**0.9**
Total BTEX	**15,700**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**93.0 %**
	1,4-difluorobenzene	**98.0 %**
	Bromochlorobenzene	**98.0 %**

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: **Breech A #679**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-08-BTEX QA/QC	Date Reported:	02-08-10
Laboratory Number:	53071	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-08-10
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	1.3556E+006	1.3583E+006	0.2%	ND	0.1
Toluene	1.4013E+006	1.4041E+006	0.2%	ND	0.1
Ethylbenzene	1.3367E+006	1.3394E+006	0.2%	ND	0.1
p,m-Xylene	3.4012E+006	3.4080E+006	0.2%	ND	0.1
o-Xylene	1.2738E+006	1.2764E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	1.6	1.2	25.0%	0 - 30%	0.9
Toluene	30.4	30.2	0.7%	0 - 30%	1.0
Ethylbenzene	54.4	53.8	1.1%	0 - 30%	1.0
p,m-Xylene	221	219	1.1%	0 - 30%	1.2
o-Xylene	75.3	74.8	0.7%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.6	50.0	47.6	92.2%	39 - 150
Toluene	30.4	50.0	78.3	97.4%	46 - 148
Ethylbenzene	54.4	50.0	103	98.9%	32 - 160
p,m-Xylene	221	100	316	98.3%	46 - 148
o-Xylene	75.3	50.0	122	97.4%	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 53071 - 53073.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

8705 # RUSH

Client:	Project Name / Location:
XTO ENERGY	BREECH A # 679
Client Address: 382 ROAD 3100 AZTEC NM 87410	Sampler Name: KURT
Client Phone No.: 333-3207	Client No.: 98031-0121

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative 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
RE-SAMPLE TANK LEAK	2/5	12:00	53073	(Soil) Solid Sludge Aqueous	(1) 4oz JAR					X												✓	✓
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
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Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kurt Hoekstra	2/5	2:40	[signature]	2/5/10	1440
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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Analytical Laboratory

E-MAIL RESULTS TO:
KURT HOEKSTRA
KIM CHAMPLIN

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