

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 Bell Federal Gas Com A #1 (API# 30-045-09768)	Facility Type Gas Well (Dakota Sandstone)

Surface Owner BLM	Mineral Owner BLM	Lease No. NMNM73826
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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
B	12	30N	13W	990	North	2310	East	San Juan

Latitude 36.83195 Longitude 108.15508

NATURE OF RELEASE

Type of Release Condensate/Produced Water	Volume of Release 88/5.7 BBLS	Volume Recovered 0 BBLS
Source of Release Production Tank	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 02/16/10 4:30 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell-OCD Kevin Schnieder- BLM	
By Whom? Kim Champlin	Date and Hour 02/17/2010 3:18 & VM @ 3:30	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. RCVD MAR 3 '10	

If a Watercourse was Impacted, Describe Fully.*	OIL CONS. DIV. DIST. 3
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Describe Cause of Problem and Remedial Action Taken.* **While gauging a production tank during routine operations, XTO lease operator discovered 88 barrels of condensate could not be accounted for. It was assumed at the time that the bottom of the production tank had been compromised. The location was shut in and crews were contacted to remove the tank and begin clean up operations. When the production tank was removed a hole was discovered in the bottom of the tank. XTO has not been able to determine how long the tank may have been leaking. It was estimated that a total of 88 bbls of condensate and 5.7 bbls of produced water were released into the bermed area of the production tank. All fluid was absorbed into the ground and no fluids were recovered.**

Describe Area Affected and Cleanup Action Taken.* **Construction crews were dispatched to location to begin repairs and clean up. Approximately 743 cubic yards of soil were removed from the berm area. Some discoloration of soil was encountered directly below the production tank. This soil was excavated until bedrock was encountered. There was little to no discoloration on the bedrock and OCD was consulted on February 22, 2010 by BEI. Samples were collected from the bottom of the excavation, composite sample of the sidewall and a test hole was dug approximately 24' west from the excavation perimeter to verify migration of impact. Sample results are included. The impacted soil was taken to a licensed disposal facility.**

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>Kim Champlin</i>	OIL CONSERVATION DIVISION	
Printed Name: Kim Champlin	Approved by District Supervisor: <i>Red Pelt</i> For: <i>CP</i>	
Title: EHS Administrative Coordinator	Approval Date: 4/9/10	Expiration Date:
E-mail Address: Kim.Champlin@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 02/26/10	Phone: 505-333-3100	

* Attach Additional Sheets If Necessary

NRMD1010253274

CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	API #: <u>30045 09768</u>																				
FIELD REPORT: BGT CONFIRMATION / TEMP. PIT CLOSURE <u>RELEASE INVESTIGATION</u> (other)		PAGE No: <u>1</u> of <u>2</u>																				
SITE INFORMATION: SITE NAME: <u>BELL FEDERAL GC A #1</u> QUAD/UNIT: <u>B</u> SEC: <u>12</u> TWP: <u>30N</u> RNG: <u>13W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR-QTR/FOOTAGE: <u>990'2</u> <u>2310'E NW/NE</u> LEASE TYPE: <u>FEDERAL</u> / STATE / FEE / INDIAN LEASE # <u>NM 028226A</u> PROD. FORMATION: <u>DK</u> CONTRACTOR: <u>OFT (ADRIAN)</u>		DATE STARTED: <u>2/17/10</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																				
REFERENCE POINT: WELL HEAD (W.H.) GPS COORD.: <u>36.83193 / 108.15499</u> GL ELEV.: <u>5834'</u>																						
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SOIL DESCRIPTION: SOIL TYPE: <u>SAND</u> / <u>SILTY SAND</u> / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>DK. YELL. ORANGE TO OLIVE GRAY</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / DENSE / VERY DENSE PLASTICITY (CLAYS): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> NO EXPLANATION - <u>OLIVE GRAY BOTTOM PROD. TANK</u> HC ODOR DETECTED: <u>YES</u> NO EXPLANATION - <u>VERY STRONG</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>—</u>																						
EXCAVATION DIMENSIONS (if applicable): <u>30</u> ft. X <u>35</u> ft. X <u>18</u> ft. cubic yards excavated (if applicable): <u>850 ±</u>																						
SITE SKETCH 		PLOT PLAN circle: Attached MISCELL. NOTES UCD: <u>36.83195</u> <u>108.15508</u> PROD. TANK <u>194' S34E (CALC.)</u> FRI W.H. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>sum</th> <th>TIME</th> </tr> </thead> <tbody> <tr> <td><u>10' 12'</u></td> <td><u>2.315</u></td> <td><u>0835</u></td> </tr> <tr> <td><u>2' 13'</u></td> <td><u>2.7</u></td> <td><u>0933</u></td> </tr> <tr> <td><u>3' 13'</u></td> <td><u>20.2</u></td> <td><u>1007</u></td> </tr> </tbody> </table>		sum	TIME	<u>10' 12'</u>	<u>2.315</u>	<u>0835</u>	<u>2' 13'</u>	<u>2.7</u>	<u>0933</u>	<u>3' 13'</u>	<u>20.2</u>	<u>1007</u>								
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NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; -- = APPROX.; T.B. = TANK BOTTOM; PBGT = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.T. = RETAINING WALL																						
TRAVEL NOTES: CALLOUT: <u>2/16/10 - LATE AFTER.</u> ONSITE: <u>2/17/10, 2/18/10, 2/19/10</u>																						

CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	API #: <u>3004509768</u>
FIELD REPORT: BGT CONFIRMATION / TEMP. PIT CLOSURE (other) RELEASE INVESTIGATION		PAGE No: <u>2</u> of <u>2</u>
SITE INFORMATION: SITE NAME: <u>BELL FEDERAL GC A #1</u> QUAD/UNIT: <u>B SEC: 12 TWP: 30N RANG: 13W PM: NM CNTY: SJ ST: NM</u> QTR-QTR/FOOTAGE: <u>990'N/2310'E NW/NE</u> LEASE TYPE: <u>FEDERAL</u> / STATE / FEE / INDIAN LEASE # <u>NM 028226A</u> PROD. FORMATION: <u>OK</u> CONTRACTOR: <u>OFT (ADRIAN)</u>		DATE STARTED: <u>2/17/10</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
REFERENCE POINT: WELL HEAD (W.H.) GPS COORD.: <u>36.83193 / 108.15499</u> GL ELEV.: <u>5813'</u>		
1) <u>EB (EXCAV. BOTTOM)</u> GPS COORD.: _____ (CALC.) DISTANCE/BEARING FROM W.H.: <u>174', S26E</u>		
2) <u>TH (TEST HOLE)</u> GPS COORD.: _____ (CALC.) DISTANCE/BEARING FROM W.H.: <u>177', S15E</u>		
3) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____		
4) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____		
5) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____		
LAB INFORMATION: CHAIN OF CUSTODY RECORD(S): <u>5463</u>		
1) SAMPLE ID: <u>EB @ 19'</u>	SAMPLE DATE: <u>2/22/10</u> SAMPLE TIME: <u>1140</u> LAB ANALYSIS: <u>TPH + BTEX</u>	
2) SAMPLE ID: <u>SW 4 PC</u>	SAMPLE DATE: <u>2/22/10</u> SAMPLE TIME: <u>1125</u> LAB ANALYSIS: <u>TPH</u>	
3) SAMPLE ID: <u>TH @ 20'</u>	SAMPLE DATE: <u>2/22/10</u> SAMPLE TIME: <u>1240</u> LAB ANALYSIS: <u>TPH</u>	
4) SAMPLE ID: _____	SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____	
5) SAMPLE ID: _____	SAMPLE DATE: _____ SAMPLE TIME: _____ LAB ANALYSIS: _____	
SOIL DESCRIPTION: SOIL TYPE: <u>SAND / SILTY SAND</u> / SILT / SILTY CLAY / CLAY / GRAVEL / <u>OTHER BEDROCK (CS)</u> SOIL COLOR: <u>DR. YELL. ORANGE TO BLACK</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE / FIRM</u> / DENSE / VERY DENSE PLASTICITY (CLAYS): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD MOISTURE: <u>DRY</u> / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED ADDITIONAL COMMENTS: <u>BEDROCK ENCOUNTERED APPROX. 18-19' BELOW GRADE VERY HARD</u> <u>SLIGHTLY VARIABLE (SAMPLED), BLACK STAINING W/ PALE YELL. BROWN INTERMIXED.</u> <u>SOIL W/IN TEST HOLE DR. YELL. ORANGE THROUGHOUT & NO HC ODOR DETECTED PHYSICALLY.</u> EXCAVATION DIMENSIONS (if applicable): <u>30 ft. X 35 ft. X 18 ft.</u> cubic yards excavated (if applicable): <u>850 ±</u>		
SITE SKETCH		PLOT PLAN circle: Attached
		MISCELL. NOTES BASED ON CALCULATIONS DERIVED FROM INTERPRETATION OF 7.5 MINUTE TOPO. QUAD. MAP, FARMINGTON GRADE WASH (FEW) @ ELEV ~ 5,775'. REVIEW OF XTO & STATE GC N#1 LOCATED 5 3/4 MI. UP GRADIENT DIRECT. OF FGW, DEPTH TO GW IS EST. @ 54' B.G.
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; -- = APPROX.; T.B. = TANK BOTTOM; PGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.T. = RETAINING WALL		
TRAVEL NOTES: CALLOUT: <u>2/16/10 - LATE AFTER.</u> ONSITE: <u>2/17/10, 2/18/10, 2/19/10</u>		



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Analytical Laboratory

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

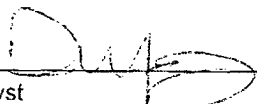
Client:	Blagg/XTO	Project #:	94034-0010
Sample ID:	EB @ 19'	Date Reported:	02-23-10
Laboratory Number:	53196	Date Sampled:	02-22-10
Chain of Custody No:	5963	Date Received:	02-22-10
Sample Matrix:	Soil	Date Extracted:	02-22-10
Preservative:	Cool	Date Analyzed:	02-23-10
Condition:	Intact	Analysis Requested:	8015 TPH

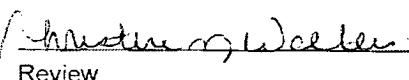
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3,000	0.2
Diesel Range (C10 - C28)	1,480	0.1
Total Petroleum Hydrocarbons	4,480	0.2

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: **Bell Federal GC A#1**


Analyst


Review



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Analytical Laboratory

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg/XTO	Project #:	94034-0010
Sample ID:	EB @ 19'	Date Reported:	02-23-10
Laboratory Number:	53196	Date Sampled:	02-22-10
Chain of Custody:	5963	Date Received:	02-22-10
Sample Matrix:	Soil	Date Analyzed:	02-23-10
Preservative:	Cool	Date Extracted:	02-22-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1,060	0.9
Toluene	44,200	1.0
Ethylbenzene	11,200	1.0
p,m-Xylene	70,400	1.2
o-Xylene	23,300	0.9
Total BTEX	150,000	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	97.7 %

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: Bell Federal GC A#1

Analyst

Review



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

Client:	Blagg/XTO	Project #:	94034-0010
Sample ID:	SW 4PC	Date Reported:	02-23-10
Laboratory Number:	53197	Date Sampled:	02-22-10
Chain of Custody No:	5963	Date Received:	02-22-10
Sample Matrix:	Soil	Date Extracted:	02-22-10
Preservative:	Cool	Date Analyzed:	02-23-10
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	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: **Bell Federal GC A#1**

Analyst

Review



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Analytical Laboratory

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

Client:	Blagg/XTO	Project #:	94034-0010
Sample ID:	TH @ 20'	Date Reported:	02-23-10
Laboratory Number:	53198	Date Sampled:	02-22-10
Chain of Custody No:	5963	Date Received:	02-22-10
Sample Matrix:	Soil	Date Extracted:	02-22-10
Preservative:	Cool	Date Analyzed:	02-23-10
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	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: **Bell Federal GC A#1**

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:	02-23-10 QA/QC	Date Reported:	02-23-10
Laboratory Number:	53179	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-23-10
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	1.1013E+003	1.1018E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0970E+003	1.0974E+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	ND	ND	0.0%	0 - 30%

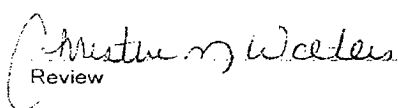
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	247	98.8%	75 - 125%
Diesel Range C10 - C28	ND	250	266	106%	75 - 125%

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 53109, 53179 - 53181, and 53196 - 53198.

Analyst 

Review 



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Analytical Laboratory

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-23-BT QA/QC	Date Reported:	02-23-10
Laboratory Number:	53179	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-23-10
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	1.3281E+006	1.3307E+006	0.2%	ND	0.1
Toluene	1.2132E+006	1.2156E+006	0.2%	ND	0.1
Ethylbenzene	1.0887E+006	1.0909E+006	0.2%	ND	0.1
p,m-Xylene	2.7491E+006	2.7546E+006	0.2%	ND	0.1
o-Xylene	1.0253E+006	1.0274E+006	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	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.6	99.2%	39 - 150
Toluene	ND	50.0	48.5	97.0%	46 - 148
Ethylbenzene	ND	50.0	48.9	97.8%	32 - 160
p,m-Xylene	ND	100	97.5	97.5%	46 - 148
o-Xylene	ND	50.0	48.5	97.0%	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 53179 - 53181 and 53196.

Analyst

Review

[illegible]

5796 U.S. Highway 64 • Farrington, NM 87401 • Tel 505-632-0615