

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

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 BE #1	Facility Type: Gas Well (Basin Dakota)	
Surface Owner: State	Mineral Owner	API No. 30-045-09476

LOCATION OF RELEASE

Unit Letter N	Section 16	Township 30N	Range 13W	Feet from the 1134	North/South Line FSL	Feet from the 2349	East/West Line FWL	County San Juan
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OIL CONS. DIV DIST. 3

Latitude: **N 36.80934** Longitude: **W -108.21093**

NOV 13 2014

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: 7/15/2009
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
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.*

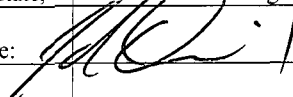
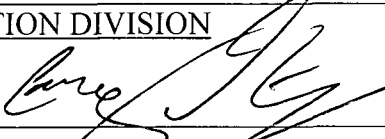
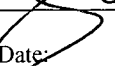
Describe Cause of Problem and Remedial Action Taken.*

The below grade tank was taken out of service at the State Gas COM BE #1 well site due to upgrades at this wellsite. 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, 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 total chlorides, but above the 100 ppm standard for TPH at 1,200 ppm. 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 an estimated depth to groundwater of less than 50 feet, and a wash north-west of the location at 380 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.*

Approximately 150 cubic yards of impacted soil was excavated from the impacted area, and a sample was collected. The sample returned results of non-detect for benzene and BTEX, and 260 ppm TPH as measured using USEPA Method 418.1. Due to levels of benzene and BTEX of non-detect, and a low TPH value of 260 ppm, XTO proposes to use a risk based closure on this location, and recommends no further activity in regards to this project.

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 Environmental Specialist: 	
Title: EHS Supervisor	Approval Date: 11/24/14	Expiration Date: 
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 11/11/14	Phone: 505-333-3701	

* Attach Additional Sheets If Necessary

#143 28054116

(9)



COVER LETTER

Thursday, November 06, 2008

Martin Nee
XTO Energy
382 County Road 3100
Aztec, NM 87410

TEL: (505) 333-3100
FAX (505) 333-3280

RE: Below Grade Tank Samples

Order No.: 0810444

Dear Martin Nee:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 10/22/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 06-Nov-08

CLIENT:	XTO Energy	Client Sample ID:	State GC BE #1 West Pit
Lab Order:	0810444	Collection Date:	10/16/2008 1:30:00 PM
Project:	Below Grade Tank Samples	Date Received:	10/22/2008
Lab ID:	0810444-01	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	10	1.5		mg/Kg	5	10/27/2008 11:51:05 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	10/29/2008 12:44:28 PM
Toluene	ND	0.050		mg/Kg	1	10/29/2008 12:44:28 PM
Ethylbenzene	ND	0.050		mg/Kg	1	10/29/2008 12:44:28 PM
Xylenes, Total	ND	0.10		mg/Kg	1	10/29/2008 12:44:28 PM
Surr: 4-Bromofluorobenzene	98.0	84.7-111.		%REC	1	10/29/2008 12:44:28 PM
EPA METHOD 418.1: TPH						Analyst: LRW
Petroleum Hydrocarbons, TR	1200	100		mg/Kg	5	10/24/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

QA/QC SUMMARY REPORT

Client: XTO Energy
Project: Below Grade Tank Samples

Work Order: 0810444

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: 0810444-02BMSD		MSD							
Chloride	22.00	mg/Kg	0.30	95.1	70.7	122	2.42	20	
Sample ID: MB-17475		MBLK							
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-17475		LCS							
Chloride	14.36	mg/Kg	0.30	95.7	90	110			
Sample ID: 0810444-02BMS		MS							
Chloride	22.54	mg/Kg	0.30	98.7	70.7	122			
Method: EPA Method 418.1: TPH									
Sample ID: MB-17441		MBLK							
Petroleum Hydrocarbons, TR	ND	mg/Kg	20						
Sample ID: LCS-17441		LCS							
Petroleum Hydrocarbons, TR	96.08	mg/Kg	20	96.1	82	114			
Sample ID: LCSD-17441		LCSD							
Petroleum Hydrocarbons, TR	94.68	mg/Kg	20	94.7	82	114	1.47	20	
Method: EPA Method 8260B: Volatiles Short List									
Sample ID: mb-17437		MBLK							
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						
Sample ID: 100ng lcs-b		LCS							
Benzene	1.080	mg/Kg	0.050	108	78.2	123			
Toluene	0.9930	mg/Kg	0.050	99.3	72.6	128			
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						
Sample ID: 100ng lcscd		LCSD							
Benzene	1.083	mg/Kg	0.050	108	83.2	118	0.261	19	
Toluene	1.062	mg/Kg	0.050	106	84.8	112	6.72	0	
Ethylbenzene	ND	mg/Kg	0.050				0	0	
Xylenes, Total	ND	mg/Kg	0.10				0	18	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

10/22/2008

Work Order Number 0810444

Received by: TLS

Checklist completed by:

Signature

Sample ID labels checked by:

Initials

10/22/08

Matrix:

Carrier name: FedEx

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒

No ☐

Not Present ☐

Not Shipped ☐

Custody seals intact on sample bottles?

Yes ☐

No ☐

N/A ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - Preservation labels on bottle and cap match?

Yes ☐

No ☐

N/A ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

Container/Temp Blank temperature?

3°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action



COVER LETTER

Monday, April 06, 2009

Martin Nee
XTO Energy
382 County Road 3100
Aztec, NM 87410

TEL: (505) 333-3100

FAX (505) 333-3280

RE: B.G.T. Samples

Order No.: 0903446

Dear Martin Nee:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 3/27/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 06-Apr-09

CLIENT: XTO Energy
Lab Order: 0903446
Project: B.G.T. Samples
Lab ID: 0903446-01

Client Sample ID: ReSample State GC BE#1 LG E. Pit
Collection Date: 3/25/2009 9:15:00 AM
Date Received: 3/27/2009
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	0.050		mg/Kg	1	4/3/2009 11:27:14 PM
Toluene	ND	0.050		mg/Kg	1	4/3/2009 11:27:14 PM
Ethylbenzene	ND	0.050		mg/Kg	1	4/3/2009 11:27:14 PM
Xylenes, Total	ND	0.10		mg/Kg	1	4/3/2009 11:27:14 PM
Surr: 4-Bromofluorobenzene	107	66.8-139		%REC	1	4/3/2009 11:27:14 PM
EPA METHOD 418.1: TPH						Analyst: LRW
Petroleum Hydrocarbons, TR	260	20		mg/Kg	1	4/1/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

QA/QC SUMMARY REPORT

Client: XTO Energy
Project: B.G.T. Samples

Work Order: 0903446

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 418.1: TPH									
Sample ID: MB-18700		MBLK			Batch ID: 18700		Analysis Date:		4/1/2009
Petroleum Hydrocarbons, TR	ND	mg/Kg	20						
Sample ID: LCS-18700		LCS			Batch ID: 18700		Analysis Date:		4/1/2009
Petroleum Hydrocarbons, TR	88.78	mg/Kg	20	88.8	82	114			
Sample ID: LCSD-18700		LCSD			Batch ID: 18700		Analysis Date:		4/1/2009
Petroleum Hydrocarbons, TR	90.20	mg/Kg	20	90.2	82	114	1.59	20	
Method: EPA Method 8021B: Volatiles									
Sample ID: 0903446-02A MSD		MSD			Batch ID: 18668		Analysis Date:		4/4/2009 12:08:18 PM
Benzene	1.010	mg/Kg	0.050	100	78.8	132	0.307	27	
Toluene	0.9576	mg/Kg	0.050	95.8	78.9	112	0.230	19	
Ethylbenzene	1.029	mg/Kg	0.050	103	69.3	125	0.107	10	
Xylenes, Total	3.076	mg/Kg	0.10	103	73	128	0.0683	13	
Sample ID: MB-18668		MBLK			Batch ID: 18668		Analysis Date:		4/4/2009 7:04:18 AM
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						
Sample ID: LCS-18668		LCS			Batch ID: 18668		Analysis Date:		4/4/2009 6:33:50 AM
Benzene	1.072	mg/Kg	0.050	108	78.8	132			
Toluene	1.010	mg/Kg	0.050	100	78.9	112			
Ethylbenzene	1.072	mg/Kg	0.050	107	69.3	125			
Xylenes, Total	3.198	mg/Kg	0.10	107	73	128			
Sample ID: 0903446-02A MS		MS			Batch ID: 18668		Analysis Date:		4/4/2009 11:38:04 AM
Benzene	1.007	mg/Kg	0.050	99.8	78.8	132			
Toluene	0.9553	mg/Kg	0.050	95.5	78.9	112			
Ethylbenzene	1.028	mg/Kg	0.050	103	69.3	125			
Xylenes, Total	3.074	mg/Kg	0.10	102	73	128			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

3/27/2009

Work Order Number 0903446

Received by: ARS

Checklist completed by:

Signature

Date

Sample ID labels checked by:

initials

Matrix:

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - Preservation labels on bottle and cap match?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Container/Temp Blank temperature?

3°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____