

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	RCVD OCT 14 '14
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3701	
Facility Name: State Gas COM BE #1E	Facility Type: Gas Well (Dakota)	OIL CONS. DIV.
		DIST. 3
Surface Owner: State	Mineral Owner	API No. 30-045-25253

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	16	30N	13W	980	FSL	1650	FEL	San Juan

Latitude: N 36.80887 Longitude: W -108.20679

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: 10/10/2008
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.*

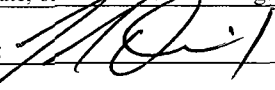
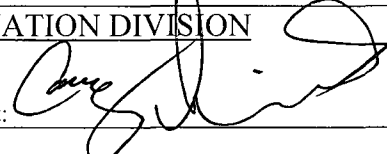
Describe Cause of Problem and Remedial Action Taken.*

The below grade tank was taken out of service at the State Gas COM BE #1E well site due to upgrades at this well site. 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 TPH standard, confirming that a release has occurred at this location. 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 estimated depth to groundwater of less than 50 feet, and a distance to a surface water feature less than 1,000 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.*

On March 24, 2009, approximately 52 CY of impacted soil was excavated and hauled to IEL for disposal. An additional soil sample was collected from the excavated area after excavation, and was analyzed for TPH via USEPA Method 418.1, and for BTEX via USEPA Method 8021. The sample returned results below the limits determined for this location for all constituents analyzed. No further action is required.

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: 10/13/14	Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/10/14	Phone: 505-333-3701	

* Attach Additional Sheets If Necessary

ANRS 143173 8332

11

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.: 0903447

Dear Martin Nee:

Hall Environmental Analysis Laboratory, Inc. received 1 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,



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: 0903447
Project: B.G.T. Samples
Lab ID: 0903447-01

Client Sample ID: ReSample State GC BE#1E BGT Pi
Collection Date: 3/25/2009 10:00:00 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	4/4/2009 12:28:16 AM
Toluene	ND	0.050		mg/Kg	1	4/4/2009 12:28:16 AM
Ethylbenzene	ND	0.050		mg/Kg	1	4/4/2009 12:28:16 AM
Xylenes, Total	ND	0.10		mg/Kg	1	4/4/2009 12:28:16 AM
Surr: 4-Bromofluorobenzene	103	66.8-139		%REC	1	4/4/2009 12:28:16 AM
EPA METHOD 418.1: TPH						Analyst: LRW
Petroleum Hydrocarbons, TR	57	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: 0903447

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 418.1: TPH									
Sample ID: MB-18700		MBLK							
Petroleum Hydrocarbons, TR	ND	mg/Kg	20						
Sample ID: LCS-18700		LCS							
Petroleum Hydrocarbons, TR	88.78	mg/Kg	20	88.8	82	114			
Sample ID: LCSD-18700		LCSD							
Petroleum Hydrocarbons, TR	90.20	mg/Kg	20	90.2	82	114	1.59	20	
Method: EPA Method 8021B: Volatiles									
Sample ID: MB-18668		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: LCS-18668		LCS							
Benzene	1.072	mg/Kg	0.050	106	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			

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 0903447

Received by: ARS

Checklist completed by:

Signature

Sample ID labels checked by:

Initials

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

Client: XTO ENERGY

Mailing Address: 382 Road 3100
AZTEC NM 87410

Phone #: 505-333-3207

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other _____

☐ EDD (Type) _____

☒ Standard ☐ Rush

B.G.T. Samples	
Project #:	

STATE GC BE[#] IE

MARTIN NEE

Sampler: KURT

Office of the Mayor

Sample Temperature = 2

Container
Type and #Preservative
Type

REAL NO

0903449

—

X	BTEX + MTBE + TMBs (8021)
---	---------------------------

BTEX + MTBE + TPH (Gas only)

TPH Method 8015B (Gas/Diesel)

TPH (Method 418.1)

EADB (Method 504.1)

8310 (PNA or PAH)

RCRA 8 Metals

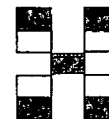
Anions (F, Cl, NO₃, NO₂)

8081 Pesticides / 8082 PCB's

8260B (VOA)

8270 (Semi-VOA)

Air Bubbles (Y or N)



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Date	Time
3-26	8:00	Kurt Hackett	[Signature] 9:20	3/27/09	
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:
E-MAIL Results to
Kurt Hoekstra
Kim Champion



COVER LETTER

Monday, October 27, 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.: 0810242

Dear Martin Nee:

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

These were analyzed according to EPA procedures or equivalent.

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: 27-Oct-08

CLIENT: XTO Energy
Lab Order: 0810242
Project: Below Grade Tank Samples
Lab ID: 0810242-02

Client Sample ID: State GC BE #1E Pit Tank Cellar
Collection Date: 10/7/2008 12:00:00 PM
Date Received: 10/10/2008
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	0.050		mg/Kg	1	10/17/2008 12:10:53 PM
Toluene	ND	0.050		mg/Kg	1	10/17/2008 12:10:53 PM
Ethylbenzene	ND	0.050		mg/Kg	1	10/17/2008 12:10:53 PM
Xylenes, Total	ND	0.10		mg/Kg	1	10/17/2008 12:10:53 PM
Surr: 4-Bromofluorobenzene	95.9	66.8-139		%REC	1	10/17/2008 12:10:53 PM
EPA METHOD 300.0: ANIONS						Analyst: SLB
Chloride	2.8	1.5		mg/Kg	5	10/22/2008 10:03:35 PM
EPA METHOD 418.1: TPH						Analyst: LRW
Petroleum Hydrocarbons, TR	140	20		mg/Kg	1	10/13/2008

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: 0810242

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
---------	--------	-------	-----	------	----------	-----------	------	----------	------

Method: EPA Method 300.0: Anions

Sample ID: MB-17377		MBLK			Batch ID: 17377	Analysis Date: 10/21/2008 10:50:51 PM
Chloride	ND	mg/Kg	0.30			
Sample ID: LCS-17377		LCS			Batch ID: 17377	Analysis Date: 10/21/2008 11:08:16 PM
Chloride	14.37	mg/Kg	0.30	95.8	90	110

Method: EPA Method 418.1: TPH

Sample ID: MB-17347				MBLK		Batch ID: 17347		Analysis Date: 10/13/2008	
Petroleum Hydrocarbons, TR		ND	mg/Kg	20					
Sample ID: LCS-17347				LCS		Batch ID: 17347		Analysis Date: 10/13/2008	
Petroleum Hydrocarbons, TR		84.36	mg/Kg	20	84.4	82	114		
Sample ID: LCSD-17347				LCSD		Batch ID: 17347		Analysis Date: 10/13/2008	
Petroleum Hydrocarbons, TR		87.78	mg/Kg	20	87.8	82	114	3.97	20

Method: EPA Method 8021B: Volatiles

Sample ID: MB-17333		MBLK			Batch ID: 17333	Analysis Date: 10/17/2008 2:42:21 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-17333		LCS			Batch ID: 17333	Analysis Date: 10/17/2008 3:12:42 AM
Benzene	0.3173	mg/Kg	0.050	113	78.8	132
Toluene	2.200	mg/Kg	0.050	110	78.9	112
Ethylbenzene	0.4437	mg/Kg	0.050	111	69.3	125
Xylenes, Total	2.639	mg/Kg	0.10	115	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:

10/10/2008

Work Order Number 0810242

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 _____

Turn-Around Time:	
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush
Project Name:	
BELOW GRADE TANK SAMPLES	
Project #:	
STATE GAS COM RE # 1E	
Project Manager:	
MARTIN NEE	
Sampler:	
KURT	
On Ice	Yes
Sample Temperature	3

Client: YTO ENERGY

Address: 382 ROAD 3100
AZTEC NM 87410

Phone #: 505-333-3207

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

☐ Other _____

☐ EDD (Type) _____

	●	
●		●

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.