

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: Kurt Hoekstra
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100
Facility Name: Gartner # 2S	Facility Type: Gas Well (Basin Fruitland Coal)

Surface Owner: Federal	Mineral Owner	API No.: 30-045-32915
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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
A	27	26N	11W	2420	FSL	1995	FEL	San Juan

Latitude 36.4636111 Longitude -107.9855556

**NATURE OF RELEASE**

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 7-18-2008
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse	

**OIL CONS. DIV DIST. 3**

**NOV 13 2014**

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* The below grade tank was removed at the Gartner # 2S well site due to P & A of the location. The soil beneath the BGT was sampled for TPH via USEPA Method 418.1, for 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 TPH Method 418.1 but above the Chloride Standard of 250 ppm at 7600 ppm via USEPA Method 300.0, confirming that a release has occurred at this location. The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 40 due to an estimated depth to groundwater of less than 50 feet, distance to a water well greater than 1000 feet, and distance to surface water less than 200 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 8-28-2008 approximately 10 yards of soil was excavated from the BGT cellar and hauled to the Envirotech land farm. The BGT cellar was resampled, returning results of 180ppm total chloride these results are below the levels determined for this site using the Guidelines for the Remediation of Leaks, Spills, and Releases. 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: <i>Kurt Hoekstra</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Kurt Hoekstra	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: EHS Coordinator	Approval Date: 11/24/14	Expiration Date:
E-mail Address: Kurt.Hoekstra@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 11-4-14 Phone: 505-333-3100		

\* Attach Additional Sheets If Necessary

#NCS 1432841918

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COVER LETTER

Friday, July 18, 2008

Martin Nee  
XTO Energy  
382 County Road 3100  
Aztec, NM 87410  
TEL: (505) 333-3100  
FAX (505) 333-3280

RE: P/T Cellar Samples

Order No.: 0807141

Dear Martin Nee:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 7/11/2008 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,



Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425  
AZ license # AZ0682  
ORELAP Lab # NM100001



**Hall Environmental Analysis Laboratory, Inc.**

Date: 18-Jul-08

**CLIENT:** XTO Energy **Client Sample ID:** Gartner #2S P/T Cellar  
**Lab Order:** 0807141 **Collection Date:** 7/9/2008 3:05:00 PM  
**Project:** P/T Cellar Samples **Date Received:** 7/11/2008  
**Lab ID:** 0807141-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	7/16/2008 7:38:51 PM
Benzene	ND	0.050		mg/Kg	1	7/16/2008 7:38:51 PM
Toluene	ND	0.050		mg/Kg	1	7/16/2008 7:38:51 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/16/2008 7:38:51 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/16/2008 7:38:51 PM
Surr: 4-Bromofluorobenzene	96.8	81.4-117		%REC	1	7/16/2008 7:38:51 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: SLB
Chloride	7600	30		mg/Kg	100	7/15/2008 7:01:24 PM
<b>EPA METHOD 418.1: TPH</b>						Analyst: JAT
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	7/15/2008

**Qualifiers:** \* Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank  
E Value above quantitation range H Holding times for preparation or analysis exceeded  
J Analyte detected below quantitation limits MCL Maximum Contaminant Level  
ND Not Detected at the Reporting Limit RL Reporting Limit  
S Spike recovery outside accepted recovery limits

**QA/QC SUMMARY REPORT**

Client: XTO Energy  
 Project: P/T Cellar Samples

Work Order: 0807141

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 300.0: Anions

Sample ID: MB-16464		MBLK				Batch ID: 16464	Analysis Date: 7/14/2008 2:37:54 PM		
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-16464		LCS				Batch ID: 16464	Analysis Date: 7/14/2008 2:55:18 PM		
Chloride	15.75	mg/Kg	0.30	105	90	110			

Method: EPA Method 418.1: TPH

Sample ID: MB-16479		MBLK				Batch ID: 16479	Analysis Date: 7/15/2008		
Petroleum Hydrocarbons, TR	ND	mg/Kg	20						
Sample ID: LCS-16479		LCS				Batch ID: 16479	Analysis Date: 7/15/2008		
Petroleum Hydrocarbons, TR	88.56	mg/Kg	20	88.6	82	114			
Sample ID: LCSD-16479		LCSD				Batch ID: 16479	Analysis Date: 7/15/2008		
Petroleum Hydrocarbons, TR	93.94	mg/Kg	20	93.9	82	114	5.90	20	

Method: EPA Method 8021B: Volatiles

Sample ID: 0807141-02A MSD		MSD				Batch ID: 16465	Analysis Date: 7/16/2008 6:08:35 PM		
Methyl tert-butyl ether (MTBE)	0.3688	mg/Kg	0.10	90.0	67.9	135	3.62	28	
Benzene	0.2362	mg/Kg	0.050	84.4	78.8	132	6.39	27	
Toluene	1.672	mg/Kg	0.050	79.9	78.9	112	4.30	19	
Ethylbenzene	0.3332	mg/Kg	0.050	83.3	69.3	125	6.67	10	
Xylenes, Total	1.958	mg/Kg	0.10	82.4	73	128	7.18	13	
Sample ID: MB-16465		MBLK				Batch ID: 16465	Analysis Date: 7/16/2008 10:09:00 PM		
Methyl tert-butyl ether (MTBE)	ND	mg/Kg	0.10						
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-16465		LCS				Batch ID: 16465	Analysis Date: 7/16/2008 6:38:37 PM		
Methyl tert-butyl ether (MTBE)	0.4362	mg/Kg	0.10	106	67.9	135			
Benzene	0.2987	mg/Kg	0.050	107	78.8	132			
Toluene	2.070	mg/Kg	0.050	103	78.9	112			
Ethylbenzene	0.4114	mg/Kg	0.050	103	69.3	125			
Xylenes, Total	2.424	mg/Kg	0.10	105	73	128			
Sample ID: 0807141-02A MS		MS				Batch ID: 16465	Analysis Date: 7/16/2008 5:38:27 PM		
Methyl tert-butyl ether (MTBE)	0.3824	mg/Kg	0.10	93.3	67.9	135			
Benzene	0.2518	mg/Kg	0.050	89.9	78.8	132			
Toluene	1.746	mg/Kg	0.050	83.6	78.9	112			
Ethylbenzene	0.3562	mg/Kg	0.050	89.1	69.3	125			
Xylenes, Total	2.104	mg/Kg	0.10	88.7	73	128			

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name XTO ENERGY

Date Received:

7/11/2008

Work Order Number 0807141

Received by: TLS

Checklist completed by: Jimmy Shonin 7/11/08  
Signature Date

Sample ID labels checked by: TS  
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? 5° <6° C Acceptable  
If given sufficient time to cool.

COMMENTS:

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Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Corrective Action \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_



COVER LETTER

Monday, September 15, 2008

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

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

RE: Re-Sample Gartner #2S Pit Tank Cellar

Order No.: 0809065

Dear Martin Nee:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 9/4/2008 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,



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: 15-Sep-08

**CLIENT:** XTO Energy **Client Sample ID:** Re-Sample Gartner #2S Pit Tank Ce  
**Lab Order:** 0809065 **Collection Date:** 9/3/2008 9:00:00 AM  
**Project:** Re-Sample Gartner #2S Pit Tank Cellar **Date Received:** 9/4/2008  
**Lab ID:** 0809065-01 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: SLB
Chloride	180	1.5		mg/Kg	5	9/11/2008 11:49:11 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	9/11/2008 4:42:21 AM
Benzene	ND	0.050		mg/Kg	1	9/11/2008 4:42:21 AM
Toluene	ND	0.050		mg/Kg	1	9/11/2008 4:42:21 AM
Ethylbenzene	ND	0.050		mg/Kg	1	9/11/2008 4:42:21 AM
Xylenes, Total	ND	0.10		mg/Kg	1	9/11/2008 4:42:21 AM
Surr: 4-Bromofluorobenzene	91.8	84.7-111		%REC	1	9/11/2008 4:42:21 AM
<b>EPA METHOD 418.1: TPH</b>						Analyst: LRW
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	9/5/2008

**Qualifiers:** \* Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank  
E Value above quantitation range H Holding times for preparation or analysis exceeded  
J Analyte detected below quantitation limits MCL Maximum Contaminant Level  
ND Not Detected at the Reporting Limit RL Reporting Limit  
S Spike recovery outside accepted recovery limits

## QA/QC SUMMARY REPORT

Client: XTO Energy  
 Project: Re-Sample Gartner #2S Pit Tank Cellar

Work Order: 0809065

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
<b>Method: EPA Method 300.0: Anions</b>									
Sample ID: MB-16991		MBLK							
Batch ID: 16991									Analysis Date: 9/10/2008 7:43:06 PM
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-16991		LCS							
Batch ID: 16991									Analysis Date: 9/10/2008 8:00:30 PM
Chloride	14.47	mg/Kg	0.30	96.5	90	110			
<b>Method: EPA Method 418.1: TPH</b>									
Sample ID: MB-16986		MBLK							
Batch ID: 16986									Analysis Date: 9/5/2008
Petroleum Hydrocarbons, TR	ND	mg/Kg	20						
Sample ID: LCS-16986		LCS							
Batch ID: 16986									Analysis Date: 9/5/2008
Petroleum Hydrocarbons, TR	102.2	mg/Kg	20	102	82	114			
Sample ID: LCSD-16986		LCSD							
Batch ID: 16986									Analysis Date: 9/5/2008
Petroleum Hydrocarbons, TR	108.2	mg/Kg	20	108	82	114	5.68	20	
<b>Method: EPA Method 8260B: Volatiles Short List</b>									
Sample ID: 0809065-01A-MSD		MSD							
Batch ID: 16978									Analysis Date: 9/11/2008 1:14:47 AM
Methyl tert-butyl ether (MTBE)	0.3453	mg/Kg	0.050	84.2	70	130	12.9	0	
Benzene	0.2558	mg/Kg	0.050	91.4	78.2	123	18.9	19	
Toluene	1.894	mg/Kg	0.050	94.7	72.6	128	1.79	0	
Ethylbenzene	0.3891	mg/Kg	0.050	97.3	70	130	1.05	0	
Xylenes, Total	2.213	mg/Kg	0.10	96.2	70	130	1.86	0	
Sample ID: mb-16978		MBLK							
Batch ID: 16978									Analysis Date: 9/11/2008 1:44:23 AM
Methyl tert-butyl ether (MTBE)	ND	mg/Kg	0.050						
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-16978		LCS							
Batch ID: 16978									Analysis Date: 9/11/2008 12:15:31 AM
Methyl tert-butyl ether (MTBE)	0.3755	mg/Kg	0.050	91.6	70	130			
Benzene	0.2933	mg/Kg	0.050	105	78.2	123			
Toluene	2.129	mg/Kg	0.050	106	72.6	128			
Ethylbenzene	0.4310	mg/Kg	0.050	108	70	130			
Xylenes, Total	2.487	mg/Kg	0.10	108	70	130			
Sample ID: 0809065-01A-MS		MS							
Batch ID: 16978									Analysis Date: 9/11/2008 12:45:12 AM
Methyl tert-butyl ether (MTBE)	0.3034	mg/Kg	0.050	74.0	70	130			
Benzene	0.2117	mg/Kg	0.050	75.6	78.2	123			S
Toluene	1.860	mg/Kg	0.050	93.0	72.6	128			
Ethylbenzene	0.3932	mg/Kg	0.050	98.3	70	130			
Xylenes, Total	2.254	mg/Kg	0.10	98.0	70	130			

## Qualifiers:

E	Value above quantitation range	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:

9/4/2008

Work Order Number 0809065

Received by: ARS

Checklist completed by:

Signature: [Handwritten Signature]

Date: 9/4/08

Sample ID labels checked by:

Initials: JS

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?

5°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

