

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: James McDaniel	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No: (505) 333-3701	
Facility Name: Hun Ne Pah #1E (30-045-29682)	Facility Type: Gas Well (Dakota)	
Surface Owner: Tribal (Navajo)	Mineral Owner:	Lease No.:

LOCATION OF RELEASE

Unit Letter M	Section 10	Township 25N	Range 11W	Feet from the 1190	North/South Line FSL	Feet from the 1180	East/West Line FWL	County San Juan
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Latitude: 36 4115 Longitude: -107 9963

NATURE OF RELEASE

Type of Release: Produced Water w/ Incidental Oil	Volume of Release: 3 bbls	Volume Recovered: ~2 bbls
Source of Release: Leaking Below Grade Tank	Date and Hour of Occurrence June 21, 2011	Date and Hour of Discovery June 21, 2011
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	RCVD JUL 6 '11
By Whom? James McDaniel	Date and Hour: June 21, 2011 - 1706	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	OIL CONS. DIV. DIST. 3

If a Watercourse was Impacted, Describe Fully \*

Describe Cause of Problem and Remedial Action Taken \*

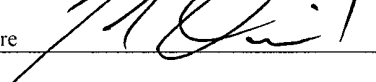

On June 21, 2011, during routine below grade tank maintenance, the construction crew on-site noticed a small hole in the bottom of the below grade tank for this location. Approximately 3 bbls of fluid was released, with approximately 2 bbls being recovered. The below grade tank will be repaired and put back into service. The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 10 due to a wash at less than 1,000 feet from the location. This set the closure standards to 1,000 ppm TPH, 10 ppm benzene and 50 ppm total BTEX.

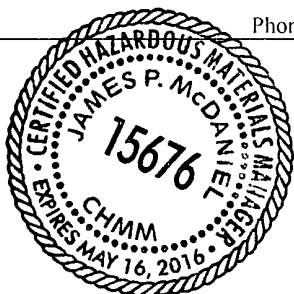
Describe Area Affected and Cleanup Action Taken \*

On June 22, 2011, approximately 20 cubic yards of impacted soil was removed to extents of 17' x 19' x 9' deep. Sandstone was encountered on the bottom of the excavation. A composite sample was collected of the four (4) walls, and a composite sample was collected of the sandstone bottom. Both composite samples were analyzed for DRO/GRO via USEPA Method 8015, and for BTEX via USEPA Method 8021. Both samples returned results below the regulatory standards determined for this location. Analytical results are attached for your reference. 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by District Supervisor: 	
Printed Name: James McDaniel, CHMM #15676	Approval Date: 7/6/11	Expiration Date:
Title: EH&S Supervisor	Conditions of Approval: NJK1122340944	Attached: <input type="checkbox"/>
E-mail Address: James.McDaniel@xtoenergy.com		
Date: 6/30/2011	Phone: 505-333-3701	





## COVER LETTER

Wednesday, June 29, 2011

James McDaniel  
XTO Energy  
382 County Road 3100  
Aztec, NM 87410  
TEL: (505) 787-0519  
FAX (505) 333-3280  
RE: HUN NE PAH #1E

Order No.: 1106974

Dear James McDaniel:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 6/23/2011 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](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901  
AZ license # AZ0682



4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109  
505.345.3975 ■ Fax 505.345.4107  
[www.hallenvironmental.com](http://www.hallenvironmental.com)

**Hall Environmental Analysis Laboratory, Inc.**

Date: 29-Jun-11

Analytical Report

**CLIENT:** XTO Energy  
**Lab Order:** 1106974  
**Project:** HUN NE PAH #1E  
**Lab ID:** 1106974-01

**Client Sample ID:** Four Wall Comp  
**Collection Date:** 6/22/2011 10:58:00 AM  
**Date Received:** 6/23/2011  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						Analyst: JB
Diesel Range Organics (DRO)	31	10		mg/Kg	1	6/25/2011 3:16:15 PM
Surr DNOP	114	73.4-123		%REC	1	6/25/2011 3:16:15 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/25/2011 2:55:59 AM
Surr BFB	92.6	75.2-136		%REC	1	6/25/2011 2:55:59 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.050		mg/Kg	1	6/25/2011 2:55:59 AM
Toluene	ND	0.050		mg/Kg	1	6/25/2011 2:55:59 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/25/2011 2:55:59 AM
Xylenes, Total	ND	0.10		mg/Kg	1	6/25/2011 2:55:59 AM
Surr 4-Bromofluorobenzene	93.5	92-130		%REC	1	6/25/2011 2:55:59 AM

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level  
E Estimated value  
J Analyte detected below quantitation limits  
NC Non-Chlorinated  
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

**Hall Environmental Analysis Laboratory, Inc.**

Date: 29-Jun-11

Analytical Report

CLIENT: XTO Energy  
Lab Order: 1106974  
Project: HUN NE PAH #1E  
Lab ID: 1106974-02

Client Sample ID: Floor Comp  
Collection Date: 6/22/2011 11:28:00 AM  
Date Received: 6/23/2011  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						Analyst: JB
Diesel Range Organics (DRO)	820	100		mg/Kg	10	6/25/2011 11:28:56 PM
Surr. DNOP	0	73.4-123	S	%REC	10	6/25/2011 11:28:56 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	91	5.0		mg/Kg	1	6/25/2011 3:25:52 AM
Surr. BFB	607	75.2-136	S	%REC	1	6/25/2011 3:25:52 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	0.071	0.050		mg/Kg	1	6/25/2011 3:25:52 AM
Toluene	1.3	0.050		mg/Kg	1	6/25/2011 3:25:52 AM
Ethylbenzene	0.70	0.050		mg/Kg	1	6/25/2011 3:25:52 AM
Xylenes, Total	3.6	0.10		mg/Kg	1	6/25/2011 3:25:52 AM
Surr. 4-Bromofluorobenzene	125	92-130		%REC	1	6/25/2011 3:25:52 AM

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level  
E Estimated value  
J Analyte detected below quantitation limits  
NC Non-Chlorinated  
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

## QA/QC SUMMARY REPORT

Client: XTO Energy  
 Project: HUN NE PAH #1E

Work Order: 1106974

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
<b>Method: EPA Method 8015B: Diesel Range Organics</b>											
Sample ID: MB-27345		MBLK									
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Sample ID: LCS-27345		LCS									
Diesel Range Organics (DRO)	51.31	mg/Kg	10	50	0	103	66.7	119			
Sample ID: LCSD-27345		LCSD									
Diesel Range Organics (DRO)	50.66	mg/Kg	10	50	0	101	66.7	119	1.27	18.9	
<b>Method: EPA Method 8015B: Gasoline Range</b>											
Sample ID: MB-27326		MBLK									
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: MB-27326		MBLK									
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: LCS-27326		LCS									
Gasoline Range Organics (GRO)	27.48	mg/Kg	5.0	25	0	110	88.8	124			
Sample ID: LCS-27326		LCS									
Gasoline Range Organics (GRO)	28.84	mg/Kg	5.0	25	0	115	88.8	124			
<b>Method: EPA Method 8021B: Volatiles</b>											
Sample ID: MB-27326		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-27326		LCS									
Benzene	1.013	mg/Kg	0.050	1	0.0053	101	83.3	107			
Toluene	0.9280	mg/Kg	0.050	1	0	92.8	74.3	115			
Ethylbenzene	0.9888	mg/Kg	0.050	1	0	98.9	80.9	122			
Xylenes, Total	3.160	mg/Kg	0.10	3	0	105	85.2	123			

## Qualifiers:

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

# Hall Environmental Analysis Laboratory, Inc.

## Sample Receipt Checklist

Client Name XTO ENERGY

Date Received

6/23/2011

Work Order Number 1106974

Received by. AT

Checklist completed by.

*[Signature]*

Sample ID labels checked by:

*AT / JB*

Signature

Date

*06/23/11*

Matrix:

Carrier name Greyhound

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"/>

Number of preserved bottles checked for pH

<2 >12 unless noted below.

Container/Temp Blank temperature? **1.7°** <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:

Client: XTO Energy

☒ Standard      ☐ Rush


Project Name: HUN NE PACT #1E

Project #:	
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Project Manager:  
JAMES MCDANIEL

Sampler: BRAD GRIFFITH  
On Ice: ☒ Yes ☐ No

Sample Temperature: 127°

Container Type and #	Preservative Type	 HEAL No H06974
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Mailing Address: 382 Road 3100  
Aztec NM 87410  
Phone #: 787-0519

email or Fax#: james-mcdaniels

QA/QC Package: xtoenergy.com

☒ Standard ☐ Level 4 (Full Validation)

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Accreditation

☐ NELAP      ☐ Other \_\_\_\_\_

☐ EDD (Type) \_\_\_\_\_

Date	Time	Matrix	Sample Request ID
		23/11 AT	

6/22	1058	Sou	Four wire Comp
6/22	1128	✓	Floor Comp

[illegible]

Received by.	Date	Time
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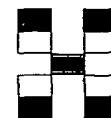
Christine Wooten 6/22/11 1228  
Received by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Trans. N. 46/23/11 093

Date:	Time:	Relinquished by:
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6/22	1228	Be GPR
Date:	Time:	Relinquished by

6/22/11	1632	Christopher Woelke
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## HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

	X	BTEX + MTBE + TMB's (8021)
		BTEX + MTBE + TPH (Gas only)
	X	TPH Method 8015B (Gas/Diesel)
		TPH (Method 418.1)
		EDB (Method 504.1)
		8310 (PNA or PAH)
		RCRA 8 Metals
		Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )
		8081 Pesticides / 8082 PCB's
		8260B (VOA)
		8270 (Semi-VOA)
		Air Bubbles (Y or N)

Remarks:
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\_\_\_\_\_