

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 Kurt Hoekstra
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100
Facility Name: Schwerdtfeger 21 # 2 (30-045-32277)	Facility Type: Gas Well (Fruitland Coal)

Surface Owner: Federal	Mineral Owner:	Lease No : NMSF080382A
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#### LOCATION OF RELEASE

Unit Letter E	Section 21	Township 27N	Range 11W	Feet from the 1385	North/South Line FNL	Feet from the 765	East/West Line FWL	County San Juan
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Latitude: 36.3351 Longitude: -108.0054

RCVD MAY 29 '12  
OIL CONS. DIV.  
DIST. 3

#### 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 NA 06/01/2011
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	


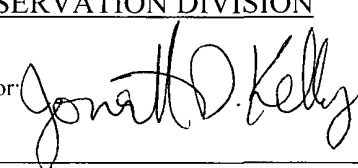
If a Watercourse was Impacted, Describe Fully \*

Describe Cause of Problem and Remedial Action Taken \* The below grade tank was taken out of service at the Schwerdtfeger 21 # 2 well site due to plugging and abandoning of this location. 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 and 8015, benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for TPH, Benzene and Total BTEX, but above the 'pit rule' standards for Chlorides of 250 ppm at 320 ppm, confirming that a release had occurred at this location.

Describe Area Affected and Cleanup Action Taken \*

Based on chloride results of 320 PPM, it has been confirmed that a release had occurred at this location.

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 Kurt Hoekstra		Approved by District Supervisor 	
Title, Sr. Environmental Technician		Approval Date 6/04/2012	Expiration Date
E-mail Address Kurt.Hoekstra@xtoenergy.com		Conditions of Approval	Attached <input type="checkbox"/>
Date, 5-24-2012		Phone: 505-333-3202	

NJK1215640070

## COVER LETTER

Wednesday, June 08, 2011

James McDaniel  
XTO Energy  
382 County Road 3100  
Aztec, NM 87410

TEL: (505) 787-0519

FAX (505) 333-3280

RE: Schwedtfeger 21#2

Order No.: 1106109

Dear James McDaniel:


Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 6/2/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. 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,



Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901  
AZ license # AZ0682



**Hall Environmental Analysis Laboratory, Inc.**

Date: 08-Jun-11

Analytical Report

CLIENT: XTO Energy  
Lab Order: 1106109  
Project: Schwedtfeger 21#2  
Lab ID: 1106109-01

Client Sample ID: BGT closure comp.  
Collection Date: 6/1/2011 8:22:00 AM  
Date Received: 6/2/2011  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						Analyst: JB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/5/2011 6:21:28 PM
Surr: DNOP	99.6	73.4-123		%REC	1	6/5/2011 6:21:28 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/3/2011 11:14:44 PM
Surr: BFB	110	89.7-125		%REC	1	6/3/2011 11:14:44 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	6/3/2011 11:14:44 PM
Toluene	ND	0.050		mg/Kg	1	6/3/2011 11:14:44 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/3/2011 11:14:44 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/3/2011 11:14:44 PM
Surr 4-Bromofluorobenzene	106	85.3-139		%REC	1	6/3/2011 11:14:44 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: SRM
Chloride	320	30		mg/Kg	20	6/6/2011 12:43:11 PM
<b>EPA METHOD 418.1: TPH</b>						Analyst: JB
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	6/7/2011

**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: Schwedtfege 21#2

Work Order: 1106109

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
<b>Method: EPA Method 300.0: Anions</b>											
Sample ID: MB-27061		MBLK				Batch ID: 27061		Analysis Date: 6/6/2011 10:06:26 AM			
Chloride	ND	mg/Kg	1.5								
Sample ID: LCS-27061		LCS				Batch ID: 27061		Analysis Date: 6/6/2011 10:23:51 AM			
Chloride	14.31	mg/Kg	1.5	15	0	95.4	90	110			
<b>Method: EPA Method 418.1: TPH</b>											
Sample ID: MB-27069		MBLK				Batch ID: 27069		Analysis Date: 6/7/2011			
Petroleum Hydrocarbons, TR	ND	mg/Kg	20								
Sample ID: LCS-27069		LCS				Batch ID: 27069		Analysis Date: 6/7/2011			
Petroleum Hydrocarbons, TR	97.86	mg/Kg	20	100	0	97.9	81.4	118			
Sample ID: LCSD-27069		LCSD				Batch ID: 27069		Analysis Date: 6/7/2011			
Petroleum Hydrocarbons, TR	100.7	mg/Kg	20	100	0	101	81.4	118	2.82	8.58	
<b>Method: EPA Method 8015B: Diesel Range Organics</b>											
Sample ID: MB-27064		MBLK				Batch ID: 27064		Analysis Date: 6/5/2011 4:38:19 PM			
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Sample ID: LCS-27064		LCS				Batch ID: 27064		Analysis Date: 6/5/2011 5:12:42 PM			
Diesel Range Organics (DRO)	45.05	mg/Kg	10	50	0	90.1	66.7	119			
Sample ID: LCSD-27064		LCSD				Batch ID: 27064		Analysis Date: 6/5/2011 5:47:05 PM			
Diesel Range Organics (DRO)	48.89	mg/Kg	10	50	0	97.8	66.7	119	8.19	18.9	
<b>Method: EPA Method 8021B: Volatiles</b>											
Sample ID: 1106109-01BMSD		MSD				Batch ID: 27056		Analysis Date: 6/3/2011 7:52:43 PM			
Benzene	1.047	mg/Kg	0.050	0.990	0.0169	104	67.2	113	8.76	14.3	
Toluene	1.065	mg/Kg	0.050	0.990	0.0123	106	62.1	116	5.05	15.9	
Ethylbenzene	1.085	mg/Kg	0.050	0.990	0	110	67.9	127	4.02	14.4	
Xylenes, Total	3.284	mg/Kg	0.099	2.97	0	111	60.6	134	4.97	12.6	
Sample ID: 1106109-01BMS		MS				Batch ID: 27056		Analysis Date: 6/3/2011 7:23:52 PM			
Benzene	0.9593	mg/Kg	0.050	0.992	0.0169	95.0	67.2	113			
Toluene	1.012	mg/Kg	0.050	0.992	0.0123	101	62.1	116			
Ethylbenzene	1.043	mg/Kg	0.050	0.992	0	105	67.9	127			
Xylenes, Total	3.125	mg/Kg	0.099	2.976	0	105	60.6	134			

## 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:

6/2/2011

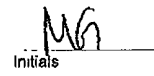
Work Order Number 1106109

Received by: LNM

Checklist completed by:

  
Signature Date

Sample ID labels checked by:

  
Initials

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"/>	Number of preserved bottles checked for pH:
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"/>	<2 >12 unless noted below
Container/Temp Blank temperature?	2.0°	<6° C Acceptable If given sufficient time to cool.		

COMMENTS:

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

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

Comments \_\_\_\_\_

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

Chain-of-Custody Record		Turn-Around Time:	
Client: <u>XTO</u>		<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush _____
Mailing Address: <u>382 Road 3100</u>		Project Name: <u>Schvedt-Reger 21#2</u>	
<u>Aztec, NM 87410</u>		Project #: <u>BGT Closure Composite</u>	
Phone #: <u>505-787-0519</u>		Project Manager: <u>James McDaniel</u>	
email or Fax#: <u>james.mcdaniel@xtoenergy.com</u>		Sampler: <u>Walt Howard</u>	
QA/QC Package:		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Standard	<input type="checkbox"/> Level 4 (Full Validation)	Sample Temperature: <u>210</u>	
Accreditation			
<input type="checkbox"/> NELAP	<input type="checkbox"/> Other _____		
<input type="checkbox"/> EDD (Type) _____			

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