

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

30-045-28296

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: Logan Hixon
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683
Facility Name: Mudge A #72 (API 30-045-28296)	Facility Type: Gas Well (Fruitland Coal)

Surface Owner: Federal	Mineral Owner:	Lease No.: NMSF-078895
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LOCATION OF RELEASE

Unit Letter L	Section 7	Township 27 N	Range 11 W	Feet from the 1850	North/South Line FSL	Feet from the 990	East/West Line FWL	County San Juan County
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Latitude: N36 592623 Longitude: W-108 042605

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release Unknown	Volume Recovered None
Source of Release BGT	Date and Hour of Occurrence Historical	Date and Hour of Discovery 6/8/2011
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	RCVD MAR 8 '12 OIL CON. DIV. DIST. 3
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 *


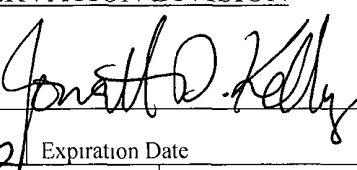
Describe Cause of Problem and Remedial Action Taken *

The below grade tank was taken out of service at the Mudge A #72 well site due to the plugging and abandoning of 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 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 BTEX, but above the 'pit rule' standards for chlorides, confirming that a release had occurred at this location.

Describe Area Affected and Cleanup Action Taken *

Based on chloride results of 260 ppm via USEPA Method 418.1, it has been confirmed that a release had occurred on this location. The BGT closure composite sample returned results below the regulatory standards determined for this site pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. All applicable analytical results are attached for your reference.

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: Logan Hixon		Approved by District Supervisor 	
Title: Environmental Technician		Approval Date: 3/21/2012 Expiration Date:	
E-mail Address: Logan_Hixon@xtoenergy.com		Conditions of Approval	
Date: 3/6/2012 Phone: 505-333-3683		Attached <input type="checkbox"/>	

nJK1208142537

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: Mudge A #72

Order No.: 1106113

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 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: 1106113
Project: Mudge A #72
Lab ID: 1106113-01

Client Sample ID: BGT closure comp.
Collection Date: 6/1/2011 9:28:00 AM
Date Received: 6/2/2011
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/5/2011 8:04:05 PM
Surr. DNOP	94.2	73.4-123		%REC	1	6/5/2011 8:04:05 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/3/2011 4:30:33 PM
Surr: BFB	109	89.7-125		%REC	1	6/3/2011 4:30:33 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	6/3/2011 4:30:33 PM
Toluene	ND	0.050		mg/Kg	1	6/3/2011 4:30:33 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/3/2011 4:30:33 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/3/2011 4:30:33 PM
Surr: 4-Bromofluorobenzene	106	85.3-139		%REC	1	6/3/2011 4:30:33 PM
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	260	7.5		mg/Kg	5	6/6/2011 1:35:24 PM
EPA METHOD 418.1: TPH						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: Mudge A #72

Work Order: 1106113

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions											
Sample ID: MB-27061		MBLK									
Chloride	ND	mg/Kg	1.5								
Sample ID: LCS-27081		LCS									
Chloride	14.31	mg/Kg	1.5	15	0	95.4	90	110			
Method: EPA Method 418.1: TPH											
Sample ID: MB-27069		MBLK									
Petroleum Hydrocarbons, TR	ND	mg/Kg	20								
Sample ID: LCS-27069		LCS									
Petroleum Hydrocarbons, TR	97.86	mg/Kg	20	100	0	97.9	81.4	118			
Sample ID: LCSD-27069		LCSD									
Petroleum Hydrocarbons, TR	100.7	mg/Kg	20	100	0	101	81.4	118	2.82	8.58	
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-27064		MBLK									
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Sample ID: LCS-27064		LCS									
Diesel Range Organics (DRO)	45.05	mg/Kg	10	50	0	90.1	66.7	119			
Sample ID: LCSD-27064		LCSD									
Diesel Range Organics (DRO)	48.89	mg/Kg	10	50	0	97.8	66.7	119	8.19	18.9	

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 1106113

Received by: LNM

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrx:

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		
COMMENTS.		If given sufficient time to cool		

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Client: XTP

Client: XTO

Mailing Address. 382 Road 3100

Aztec, NM 87410

Phone #. 505-787-0519

email or Fax#: jane.mcdanielle@xta
QA/QC Package: energy.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Mudge A # 72

Project #: BGT closure composite

Project Manager:

James McDaniel

Sampler: *Walt Herbold*

On Ice: ☒ Yes ☐ No

Sample Temperature: 7.0

Date:	Time:	Relinquished by:	Received by:	Date	Time
6/1/11	1142	Walt Howard	Christine Walter	6/1/11	1142
Date:	Time:	Relinquished by:	Received by:	Date	Time
6/1/11	1527	Christine Walter	Christine Walter	6/2/11	730



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

[illegible]

Remarks:	
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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.