

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

30-045-06382

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: E Scott Federal #9 (30-045-06382)	Facility Type: Gas Well (Pictured Cliffs)	
Surface Owner: Federal	Mineral Owner: Federal	Lease No.: NMSF-078089

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	23	27N	11W	1850	FNL	790	FWL	San Juan

Latitude: 36.56269 Longitude: -107.97983

NATURE OF RELEASE

Type of Release: Produced Water
Source of Release: Below Grade Tank

Volume of Release: Unknown
Date and Hour of Occurrence:
Unknown

Volume Recovered: None
Date and Hour of Discovery: Unknown

Was Immediate Notice Given?

☐ Yes ☐ No ☒ Not Required

If YES, To Whom?

E Whom?

Date and Hour

Was a Watercourse Reached?

☐ Yes ☒ 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 removed at the E Scott Federal #9 well site due the plugging and abandoning of this well location. The BGT was sampled for TPH via USEPA Method 8015 and 418.1, for BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'pit rule' standards of 0.2 ppm benzene, 10 ppm total BTEX and 250 ppm chlorides, but above the 100 ppm standard for TPH, 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 10 due to a wash within 1,000 feet, an estimated depth to groundwater of over 100 feet, and a water well search showing no registered water wells within 1,000 feet. This set the closure standard to 1,000 ppm TPH, 10 ppm benzene and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.*

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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: James McDaniel. CHMM #15676

Title: EH&S Supervisor

E-mail Address: James.McDaniel@xtoenergy.com

Date: 9/30/2011

* Attach Addit

Approved by District Supervisor:

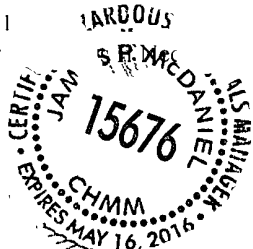
Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

Phone: 505-333-3701



nJK1129139097



COVER LETTER

Friday, March 11, 2011

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

TEL: (505) 787-0519
FAX (505) 333-3280

RE: Scott E Federal #9

Order No.: 1103363

Dear James McDaniel:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 3/8/2011 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 or the state specific web sites.

Reporting limits are determined by EPA methodology.

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".

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: 11-Mar-11

CLIENT: XTO Energy**Client Sample ID:** BGT Closure Composite**Lab Order:** 1103363**Collection Date:** 3/7/2011 11:36:00 AM**Project:** Scott E Federal #9**Date Received:** 3/8/2011**Lab ID:** 1103363-01**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 418.1: TPH						Analyst: JB
Petroleum Hydrocarbons, TR	230	20		mg/Kg	1	3/11/2011

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: Scott E Federal #9

Work Order: 1103363

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 418.1: TPH											
Sample ID: MB-25914		MBLK									
Petroleum Hydrocarbons, TR	ND	mg/Kg	20								
Sample ID: LCS-25914		LCS									
Petroleum Hydrocarbons, TR	99.08	mg/Kg	20	100	0	99.1	81.4	118			
Sample ID: LCSD-25914		LCSD									
Petroleum Hydrocarbons, TR	101.9	mg/Kg	20	100	0	102	81.4	118	2.79	8.58	

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:

3/8/2011

Work Order Number 1103363

Received by:

MMG

Checklist completed by:

Signature

3/8/11
Date

Sample ID labels checked by:

Initials

MMG

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:

Container/Temp Blank temperature?

7.4°

<6° C Acceptable

If given sufficient time to cool

<2 >12 unless noted
below.

COMMENTS

Client contacted _____ Date contacted. _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Turn-Around Time:

☒ Standard ☐ Rush _____

Project Name: Scott E Federal # 9

Project #:

Project Manager:
James McDaniel

Sampler: Brad Griffith

On Ice ☒ Yes ☐ No

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other _____

☐ EDD (Type)

Sample Temperature: 74

[illegible]

Date: 3/7/11	Time: 1325	Relinquished by: Bl 6442
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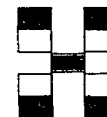
Received by:	Date	Time
Christine Walker	3/7/11	1325

Remarks:

Date:	Time:	Relinquished by:
3/7/11	1425	Christine Waack

Received by: Michael Gai Date 3/8/11 Time 1400

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.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I D 62-0814289

Est 1970

James McDaniel
XTO Energy - San Juan Division
382 Road 3100
Aztec, NM 87410

Report Summary

Monday March 14, 2011

Report Number: L505194

Samples Received: 03/08/11

Client Project:

Description: BGT Closure Composite

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP

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Where applicable, sampling conducted by ESC is performed per guidance provided
in laboratory standard operating procedures 060302, 060303, and 060304



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REPORT OF ANALYSIS

March 14, 2011

James McDaniel
XTO Energy - San Juan Division
382 Road 3100
Aztec, NM 87410

ESC Sample # : L505194-01

Date Received : March 08, 2011
Description : BGT Closure Composite

Site ID : SCOTT E FEDERAL 9

Sample ID : BGT CLOSURE

Project # :

Collected By : Brad Griffith
Collection Date : 03/07/11 11:36

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	130	12.	mg/kg	9056	03/12/11	1
Total Solids	81.		%	2540G	03/14/11	1
Benzene	BDL	0.031	mg/kg	8021/8015	03/11/11	50
Toluene	BDL	0.31	mg/kg	8021/8015	03/11/11	50
Ethylbenzene	BDL	0.031	mg/kg	8021/8015	03/11/11	50
Total Xylene	0.14	0.092	mg/kg	8021/8015	03/11/11	50
TPH (GC/FID) Low Fraction	66.	6.2	mg/kg	GRO	03/11/11	50
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	98.3		% Rec.	8021/8015	03/11/11	50
a,a,a-Trifluorotoluene (PID)	108.		% Rec.	8021/8015	03/11/11	50
TPH (GC/FID) High Fraction	38.	4.9	mg/kg	3546/DRO	03/12/11	1
Surrogate recovery(%)						
o-Terphenyl	64.5		% Rec.	3546/DRO	03/12/11	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 03/14/11 16:50 Printed: 03/14/11 16:51

Summary of Remarks For Samples Printed
03/14/11 at 16:51:22

TSR Signing Reports: 288
R5 - Desired TAT

drywt

Sample: L505194-01 Account: XTORNM Received: 03/08/11 08:30 Due Date: 03/15/11 00:00 RPT Date: 03/14/11 16:50



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L505194

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March 14, 2011

Analyte	Result	Laboratory Blank Units % Rec	Limit	Batch	Date Analyzed
Chloride	< 10	mg/kg		WG525351	03/11/11 10:49
TPH (GC/FID) High Fraction O-Terphenyl	< 4	ppm % Rec. 110.2	50-150	WG525262	03/11/11 13:10 WG525262 03/11/11 13:10
Benzene	< .0005	mg/kg		WG525491	03/11/11 10:50
Ethylbenzene	< .0005	mg/kg		WG525491	03/11/11 10:50
Toluene	< .005	mg/kg		WG525491	03/11/11 10:50
TPH (GC/FID) Low Fraction	< .1	mg/kg		WG525491	03/11/11 10:50
Total Xylene	< .0015	mg/kg		WG525491	03/11/11 10:50
a,a,a-Trifluorotoluene(FID)		% Rec. 97.47	59-128	WG525491	03/11/11 10:50
a,a,a-Trifluorotoluene(PID)		% Rec. 105.4	54-144	WG525491	03/11/11 10:50
Total Solids	< .1	%		WG525490	03/14/11 14:11

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	0	0	0	20	L505188-01	WG525351
Total Solids	%	77.0	81.2	4.84	5	L505206-01	WG525490

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Chloride	mg/kg	200	210	105	85-115	WG525351
TPH (GC/FID) High Fraction O-Terphenyl	ppm	60	54.6	91.0 106.6	50-150 50-150	WG525262 WG525262
Benzene	mg/kg	.05	0.0450	90.1	76-113	WG525491
Ethylbenzene	mg/kg	.05	0.0461	92.2	78-115	WG525491
Toluene	mg/kg	.05	0.0453	90.5	76-114	WG525491
Total Xylene	mg/kg	.15	0.141	94.2	81-118	WG525491
a,a,a-Trifluorotoluene(FID)				96.71	59-128	WG525491
a,a,a-Trifluorotoluene(PID)				104.1	54-144	WG525491
TPH (GC/FID) Low Fraction	mg/kg	5.5	4.70	85.5	67-135	WG525491
a,a,a-Trifluorotoluene(FID)				107.6	59-128	WG525491
a,a,a-Trifluorotoluene(PID)				116.8	54-144	WG525491
Total Solids	%	50	50.0	100	85-155	WG525490

Analyte	Units	Laboratory Control Result	Sample Ref	Duplicate %Rec	Limit	RPD	Limit	Batch
Chloride	mg/kg	213	210	106	85-115	1.42	20	WG525351
TPH (GC/FID) High Fraction O-Terphenyl	ppm	54.0	54.6	90.0 105.2	50-150 50-150	1.12	20	WG525262 WG525262

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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XTO Energy - San Juan Division
James McDaniel
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March 14, 2011

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Benzene	mg/kg	0.0492	0.0450	98.0	76-113	8.84	20	WG525491
Ethylbenzene	mg/kg	0.0504	0.0461	101	78-115	8.85	20	WG525491
Toluene	mg/kg	0.0489	0.0453	98.0	76-114	7.80	20	WG525491
Total Xylene	mg/kg	0.154	0.141	103	81-118	8.59	20	WG525491
a,a,a-Trifluorotoluene(FID)				97.78	59-128			WG525491
a,a,a-Trifluorotoluene(PID)				105.0	54-144			WG525491
TPH (GC/FID) Low Fraction	mg/kg	4.89	4.70	89.0	67-135	3.98	20	WG525491
a,a,a-Trifluorotoluene(FID)				108.1	59-128			WG525491
a,a,a-Trifluorotoluene(PID)				118.1	54-144			WG525491

Analyte	Units	MS Res	Matrix Spike Duplicate			Limit	Ref Samp	Batch
			Ref	TV	% Rec			
TPH (GC/FID) High Fraction	ppm	52.8	9.50	60	72.2	50-150	L505195-01	WG525262
o-Terphenyl					72.43	50-150		WG525262
Benzene	mg/kg	0.205	0	.05	82.1	32-137	L505675-01	WG525491
Ethylbenzene	mg/kg	0.194	0	.05	77.6	10-150	L505675-01	WG525491
Toluene	mg/kg	0.197	0	.05	78.7	20-142	L505675-01	WG525491
Total Xylene	mg/kg	0.609	0	.15	81.2	16-141	L505675-01	WG525491
a,a,a-Trifluorotoluene(FID)					95.63	59-128		WG525491
a,a,a-Trifluorotoluene(PID)					102.1	54-144		WG525491
TPH (GC/FID) Low Fraction	mg/kg	21.3	1.04	5.5	73.5	55-109	L505722-03	WG525491
a,a,a-Trifluorotoluene(FID)					105.0	59-128		WG525491
a,a,a-Trifluorotoluene(PID)					117.7	54-144		WG525491

Analyte	Units	MSD	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec						
TPH (GC/FID) High Fraction	ppm	53.2	52.8	72.9		50-150	0.807	20	L505195-01	WG525262
o-Terphenyl				65.41		50-150				WG525262
Benzene	mg/kg	0.234	0.205	93.7		32-137	13.1	39	L505675-01	WG525491
Ethylbenzene	mg/kg	0.225	0.194	90.1		10-150	14.9	44	L505675-01	WG525491
Toluene	mg/kg	0.226	0.197	90.4		20-142	13.9	42	L505675-01	WG525491
Total Xylene	mg/kg	0.703	0.609	93.7		16-141	14.3	46	L505675-01	WG525491
a,a,a-Trifluorotoluene(FID)				97.28		59-128				WG525491
a,a,a-Trifluorotoluene(PID)				104.7		54-144				WG525491
TPH (GC/FID) Low Fraction	mg/kg	23.1	21.3	80.4		55-109	8.50	20	L505722-03	WG525491
a,a,a-Trifluorotoluene(FID)				106.6		59-128				WG525491
a,a,a-Trifluorotoluene(PID)				117.4		54-144				WG525491

Batch number /Run number / Sample number cross reference

WG525351 R1607689 L505194-01
WG525262 R1607730 L505194-01
WG525491 R1608509 L505194-01
WG525490 R1609618 L505194-01

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Quality Assurance Report
Level II

L505194

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Tax I D 62-0814289

Est. 1970

March 14, 2011

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

