

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) 333-3202
Facility Name: Pan American Federal C # 1 E	Facility Type: Gas Well (Dakota)
API # (30-045-24017)	

Surface Owner: Federal	Mineral Owner:	Lease No. NM-048576
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LOCATION OF RELEASE

Unit Letter I	Section 19	Township 30N	Range 12W	Feet from the 1530	North/South Line FSL	Feet from the 800	East/West Line FEL	County San Juan
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Latitude: N36.79575 Longitude: W-108.13216

NATURE OF RELEASE


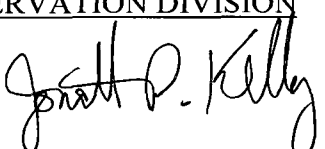
Type of Release: N/A	Volume of Release: N/A	Volume Recovered: N/A
Source of Release: N/A	Date and Hour of Occurrence: N/A	Date and Hour of Discovery: 6-29-2012
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	RCVD FEB 13 '13 OIL CONS. DIV.
By Whom? N/A	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*XTO Energy has a small shallow earth pit that has not been used since the pit rule was enacted in 2008 and was inadvertently missed during the permitting process. XTO would like to close this earth pit.

Describe Area Affected and Cleanup Action Taken.* The earth pit was sampled for TPH via USEPA Method 8015 and 418.1, BTEX via USEPA Method 8021, and for total chlorides. The composite sample taken at a depth of 1.5 feet returned results below the 'pit rule' standards of 100 ppm TPH, 0.2 ppm benzene, 10 ppm total BTEX and 250 ppm chlorides, confirming a release has not occurred at this location. 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: 	OIL CONSERVATION DIVISION	
Printed Name: Kurt Hoekstra	Approved by District Supervisor: 	
Title: Sr. Environmental Technician	Approval Date: 4/8/2013	Expiration Date:
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 2-6-2013	Phone: 505-333-3202	

nJK1309828924



Report Summary

Client: XTO Energy

Chain of Custody Number: 14967

Samples Received: 07-02-12

Job Number: 98031-0528

Sample Number(s): 62502

Project Name/Location: Pan Am Federal C #1E

Entire Report Reviewed By: *Dan Zazzin* Date: 07-09-12

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.



EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	XTO	Project #:	98031-0528
Sample ID:	Earth Pit	Date Reported:	07-09-12
Laboratory Number:	62502	Date Sampled:	07-02-12
Chain of Custody No:	14967	Date Received:	07-02-12
Sample Matrix:	Soil	Date Extracted:	07-02-12
Preservative:	Cool	Date Analyzed:	07-02-12
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	79.4	7.1

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Pan Am Federal C #1E



EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	07-09-12
Laboratory Number:	07-02-TPH.QA/QC 62493	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	07-02-12
Preservative:	N/A	Date Extracted:	07-02-12
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	06-13-12	07-02-12	1,774	1,720	3.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	7.1

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	39.7	41.1	3.5%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	39.7	2,000	1,910	93.6%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 62493-62494 and 62502

CHAIN OF CUSTODY RECORD

14967

Client: XTO ENERGY			Project Name / Location: PAN AM FEDERAL C#1E			ANALYSIS / PARAMETERS													
Email results to: JAMES MCDANIEL KURT HOEKSTRA			Sampler Name: KURT			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No.: 333-310 0			Client No.: 98031-0528																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative														
					HgCl ₂	HCl													
EARTH PIT	7/2	11:40	102502	1 4oz Jar															
Relinquished by: (Signature) <i>Kurt Hoekstra</i>					Date	Time	Received by: (Signature) <i>Marianne</i>					Date	Time						
Relinquished by: (Signature)							Received by: (Signature)												
Sample Matrix																			
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																			
<input checked="" type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																			



5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com



12065 Lebanon Rd.
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Tax I.D. 62-0814289
Est. 1970

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

Report Summary

Wednesday July 11, 2012

Report Number: L583221

Samples Received: 07/03/12

Client Project:

Description: Earth Pit

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 - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979

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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REPORT OF ANALYSIS

July 11, 2012

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

Date Received : July 03, 2012
Description : Earth Pit
Sample ID : EARTH PIT
Collected By : Kurt
Collection Date : 07/02/12 11:40

ESC Sample # : L583221-01

Site ID : PAN AM FEDERAL C 1E

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	46.	11.	mg/kg	9056	07/05/12	1
Total Solids	91.3	0.100	%	2540G	07/05/12	1
Benzene	BDL	0.0027	mg/kg	8021/8015	07/04/12	5
Toluene	BDL	0.027	mg/kg	8021/8015	07/04/12	5
Ethylbenzene	BDL	0.0027	mg/kg	8021/8015	07/04/12	5
Total Xylene	BDL	0.0082	mg/kg	8021/8015	07/04/12	5
TPH (GC/FID) Low Fraction	BDL	0.55	mg/kg	GRO	07/04/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	100.		% Rec.	8021/8015	07/04/12	5
a,a,a-Trifluorotoluene(PID)	107.		% Rec.	8021/8015	07/04/12	5
TPH (GC/FID) High Fraction	5.0	4.4	mg/kg	3546/DRO	07/09/12	1
Surrogate recovery(%)						
o-Terphenyl	55.3		% Rec.	3546/DRO	07/09/12	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: 07/11/12 17:17 Printed: 07/11/12 17:17

Summary of Remarks For Samples Printed
07/11/12 at 17:17:51

TSR Signing Reports: 288
R5 - Desired TAT

drywt

Sample: L583221-01 Account: XTORNM Received: 07/03/12 09:00 Due Date: 07/11/12 00:00 RPT Date: 07/11/12 17:17



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
James McDaniel
382 Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L583221

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July 11, 2012

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzene	< .0005	mg/kg			WG600947	07/03/12 18:56
Ethylbenzene	< .0005	mg/kg			WG600947	07/03/12 18:56
Toluene	< .005	mg/kg			WG600947	07/03/12 18:56
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG600947	07/03/12 18:56
Total Xylene	< .0015	mg/kg			WG600947	07/03/12 18:56
a,a,a-Trifluorotoluene(FID)		% Rec.	101.0	59-128	WG600947	07/03/12 18:56
a,a,a-Trifluorotoluene(PID)		% Rec.	108.0	54-144	WG600947	07/03/12 18:56
Total Solids	< .1	%			WG600962	07/05/12 09:56
Chloride	< 10	mg/kg			WG601201	07/05/12 14:13
TPH (GC/FID) High Fraction	< 4	ppm			WG601259	07/07/12 00:14
o-Terphenyl		% Rec.	56.33	50-150	WG601259	07/07/12 00:14

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
			Duplicate				
Total Solids	%	91.0	91.3	0.269	5	L583221-01	WG600962
Chloride	mg/kg	51.0	42.0	19.7	20	L583221-01	WG601201

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/kg	.05	0.0441	88.2	76-113	WG600947
Ethylbenzene	mg/kg	.05	0.0466	93.2	78-115	WG600947
Toluene	mg/kg	.05	0.0460	92.0	76-114	WG600947
Total Xylene	mg/kg	.15	0.145	97.0	81-118	WG600947
a,a,a-Trifluorotoluene(PID)				107.7	54-144	WG600947
TPH (GC/FID) Low Fraction	mg/kg	5.5	7.09	129.	67-135	WG600947
a,a,a-Trifluorotoluene(FID)				107.2	59-128	WG600947
Total Solids	%	50	50.0	99.9	85-115	WG600962
Chloride	mg/kg	200	204.	102.	80-120	WG601201
TPH (GC/FID) High Fraction	ppm	60	46.6	77.6	50-150	WG601259
o-Terphenyl				59.21	50-150	WG601259

Analyte	Units	Laboratory Control Sample Duplicate		Limit	RPD	Limit	Batch
		Result	Ref	%Rec			
Benzene	mg/kg	0.0440	0.0441	88.0	76-113	0.320	WG600947
Ethylbenzene	mg/kg	0.0467	0.0466	93.0	78-115	0.280	WG600947
Toluene	mg/kg	0.0455	0.0460	91.0	76-114	0.970	WG600947
Total Xylene	mg/kg	0.146	0.145	97.0	81-118	0.160	WG600947
a,a,a-Trifluorotoluene(PID)				107.6	54-144		WG600947
TPH (GC/FID) Low Fraction	mg/kg	7.28	7.09	132.	67-135	2.62	WG600947
a,a,a-Trifluorotoluene(FID)				108.2	59-128		WG600947

* 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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Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Chloride	mg/kg	202.	204.	101.	80-120	0.985	20	WG601201
TPH (GC/FID) High Fraction	ppm	46.7	46.6	78.0	50-150	0.384	25	WG601259
o-Terphenyl				59.14	50-150			WG601259

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
Benzene	mg/kg	0.242	0.120	.05	48.7	32-137	L583185-02	WG600947
Ethylbenzene	mg/kg	0.189	0.0390	.05	60.0	10-150	L583185-02	WG600947
Toluene	mg/kg	0.310	0.210	.05	40.0	20-142	L583185-02	WG600947
Total Xylene	mg/kg	0.632	0.160	.15	63.0	16-141	L583185-02	WG600947
a,a,a-Trifluorotoluene (PID)					106.5	54-144		WG600947
TPH (GC/FID) Low Fraction	mg/kg	28.4	4.40	5.5	87.1	55-109	L583185-02	WG600947
a,a,a-Trifluorotoluene (FID)					104.4	59-128		WG600947
Chloride	mg/kg	2720	2400	500	64.0*	80-120	L582806-02	WG601201

Analyte	Units	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec					
Benzene	mg/kg	0.290	0.242	68.2	32-137	18.3	39	L583185-02	WG600947
Ethylbenzene	mg/kg	0.219	0.189	72.0	10-150	14.6	44	L583185-02	WG600947
Toluene	mg/kg	0.378	0.310	67.2	20-142	19.7	42	L583185-02	WG600947
Total Xylene	mg/kg	0.716	0.632	74.2	16-141	12.5	46	L583185-02	WG600947
a,a,a-Trifluorotoluene (PID)				106.4	54-144				WG600947
TPH (GC/FID) Low Fraction	mg/kg	28.5	28.4	87.8	55-109	0.650	20	L583185-02	WG600947
a,a,a-Trifluorotoluene (FID)				104.3	59-128				WG600947
Chloride	mg/kg	2630	2720	46.0*	80-120	3.36	20	L582806-02	WG601201

Batch number /Run number / Sample number cross reference

WG600947: R2239653: L583221-01
WG600962: R2240434: L583221-01
WG601201: R2241633: L583221-01
WG601259: R2245335: L583221-01

* * 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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L583221

July 11, 2012

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.



Kurt Hoekstra /FAR/CTOC

02/06/2013 02:08 PM

To Brandon Powell

cc

bcc

Subject Earth Pit Pan American C # 1 E

Hello Brandon per our conversation on January 23, 2013 I am submitting a C-141, sample results and a photo of the small earth depression at the Pan American C # 1 E that XTO will be closing on or about February 15,2013. I appreciate you help in this matter. Thank You.

Kurt Hoekstra
Sr. Environmental Technician
XTO Energy
505-333-3202 Office
505-486-9543 Cell
Kurt_Hoekstra@xtoenergy.com

RCVD FEB 13 '13
OIL CONS. DIV.
DIST. 3