District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

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: PO Pipkin # 5E	Facility Type: Gas Well (Basin Dakota)

Surface Owner: Federal	Mineral Owner	API No.: 30-045-29115

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	7	27N	10W	1780	FSL	1450	FEL	San Juan

Latitude 36.60088 **Longitude** -107. 904 OCD 36.5872 107.9331 NAD83

NATURE OF RELEASE

Type of Release: Produced Water/Condensate	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 12-16-2013
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By 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 PO Pipkin # 5E well site due to the P & A of the well. The BGT cellar beneath 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' spill confirmation standards of 0.2 ppm benzene, 50 ppm total BTEX and 250 ppm chlorides, but above the 100 ppm TPH standard at 5180 ppm via USEPA Method 418.1, 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 40 due to an estimated depth to groundwater of less than 50 feet, distance to a water well greater than 1000 feet, and distance to surface water less than 200 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.* The below grade tank closure sample was analyzed for DRO/GRO via USEPA Method 8015, returning results of 110 mg/kg and < 0.57 mg/kg respectively. The NMOCD was contacted and a variance was requested to close the cellar based on the TPH sample result of 110 ppm all DRO. The NMOCD reviewed the location on aerial and topographical maps, and granted permission to close the cellar without further remediation. No further action is required regarding this incident.

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: Kurt Hoekstra	OIL CONSERVATION DIVISION	
Printed Name: Kurt Hoekstra	Approved by Environmental Specialist:	
Title: EHS Coordinator	Approval Date: 4/13/15	Expiration Date:
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval:	Attached ☐
Date: 2-23-15 Phone: 505-333-3100		

RECEIVED FEB 26 2015 NMOCD DISTRICT III

* Attach Additional Sheets If Necessary

fAPO 1510354816

(9)

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Tax I.D. 62-0814289

Est. 1970

Kurt Hoekstra
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

Report Summary

Monday December 16, 2013

Report Number: L673659
Samples Received: 12/13/13
Client Project: 30-045-29115

Description: PO Pipkin 5E

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 R Richards
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, IA Lab #364, EPA - TN002

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

Kurt Hoekstra
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

December 16,2013

ESC Sample # : L673659-01

Date Received : December 13, 2013
Description : PO Pipkin 5E

Site ID :

Sample ID : FARKH-121213-1200

Project # : 30-045-29115

Collected By : Kurt Hoekstra
Collection Date : 12/12/13 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	77.	11.	mg/kg	9056	12/14/13	1
Total Solids	87.4	0.100	%	2540 G-2011	12/16/13	1
Benzene	BDL	0.0029	mg/kg	8021/8015	12/13/13	5
Toluene	BDL	0.029	mg/kg	8021/8015	12/13/13	5
Ethylbenzene	BDL	0.0029	mg/kg	8021/8015	12/13/13	5
Total Xylene	BDL	0.0086	mg/kg	8021/8015	12/13/13	5
TPH (GC/FID) Low Fraction	BDL	0.57	mg/kg	GRO	12/13/13	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	103.		% Rec.	8021/8015	12/13/13	5
a,a,a-Trifluorotoluene(PID)	104.		% Rec.	8021/8015	12/13/13	5
TPH (GC/FID) High Fraction	110	4.6	mg/kg	3546/DRO	12/15/13	1
Surrogate recovery(%)						
o-Terphenyl	73.0		% Rec.	3546/DRO	12/15/13	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted
Reported: 12/16/13 14:58 Printed: 12/16/13 14:58

Summary of Remarks For Samples Printed
12/16/13 at 14:58:21

TSR Signing Reports: 288
R2 - Rush: Next Day

Domestic Water Well Sampling-see L609759 Lobato for tests EDD's on ALL projects email James, Kurt and Logan all reports

Sample: L673659-01 Account: XTORNM Received: 12/13/13 09:30 Due Date: 12/16/13 00:00 RPT Date: 12/16/13 14:58

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Kurt Hoekstra
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L673659

December 16, 2013

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg			WG697116	12/13/13 14:42
Ethylbenzene	< .0005	mg/kg			WG697116	12/13/13 14:42
Toluene	< .005	mg/kg			WG697116	12/13/13 14:42
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG697116	12/13/13 14:42
Total Xylene	< .0015	mg/kg			WG697116	12/13/13 14:42
a,a,a-Trifluorotoluene(FID)		% Rec.	103.0	59-128	WG697116	12/13/13 14:42
a,a,a-Trifluorotoluene(PID)		% Rec.	103.0	54-144	WG697116	12/13/13 14:42
Total Solids	< .1	%			WG697110	12/16/13 10:53
TPH (GC/FID) High Fraction	< 4	mg/kg			WG697095	12/15/13 13:18
o-Terphenyl		% Rec.	83.40	50-150	WG697095	12/15/13 13:18
Chloride	< 10	mg/kg			WG695977	12/13/13 18:21

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	81.9	81.7	0.237	5	L673663-02	WG697110
Chloride	mg/kg	88.0	120.	30.8*	20	L671873-07	WG695977

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0513	103.	70-130	WG697116
Ethylbenzene	mg/kg	.05	0.0498	99.6	70-130	WG697116
Toluene	mg/kg	.05	0.0488	97.7	70-130	WG697116
Total Xylene	mg/kg	.15	0.150	99.9	70-130	WG697116
a,a,a-Trifluorotoluene(PID)				104.0	54-144	WG697116
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.60	102.	63.5-137	WG697116
a,a,a-Trifluorotoluene(FID)				104.0	59-128	WG697116
Total Solids	%	50	50.0	100.	85-115	WG697110
TPH (GC/FID) High Fraction	mg/kg	60	42.2	70.4	50-150	WG697095
o-Terphenyl				86.30	50-150	WG697095
Chloride	mg/kg	200	219.	110.	80-120	WG695977

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0550	0.0513	110.	70-130	6.82	20	WG697116
Ethylbenzene	mg/kg	0.0529	0.0498	106.	70-130	6.06	20	WG697116
Toluene	mg/kg	0.0516	0.0488	103.	70-130	5.50	20	WG697116
Total Xylene	mg/kg	0.159	0.150	106.	70-130	5.89	20	WG697116
a,a,a-Trifluorotoluene(PID)				103.0	54-144			WG697116
TPH (GC/FID) Low Fraction	mg/kg	6.43	5.60	117.	63.5-137	13.8	20	WG697116
a,a,a-Trifluorotoluene(FID)				105.0	59-128			WG697116

* 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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Kurt Hoekstra
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L673659

December 16, 2013

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
TPH (GC/FID) High Fraction	mg/kg	46.7	42.2	78.0	50-150	10.0	20	WG697095
o-Terphenyl				93.10	50-150			WG697095
Chloride	mg/kg	208.	219.	104.	80-120	5.15	20	WG695977

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/kg	0.241	0.0	.05	96.0	49.7-127	L673314-01	WG697116
Ethylbenzene	mg/kg	0.154	0.00112	.05	61.0	40.8-141	L673314-01	WG697116
Toluene	mg/kg	0.197	0.00199	.05	78.0	49.8-132	L673314-01	WG697116
Total Xylene	mg/kg	0.443	0.00229	.15	59.0	41.2-140	L673314-01	WG697116
a,a,a-Trifluorotoluene(PID)					103.0	54-144		WG697116
TPH (GC/FID) Low Fraction	mg/kg	13.8	0.0	5.5	50.0	28.5-138	L673314-01	WG697116
a,a,a-Trifluorotoluene(FID)					100.0	59-128		WG697116
TPH (GC/FID) High Fraction	mg/kg	55.4	0.0	60	92.0	50-150	L673266-16	WG697095
o-Terphenyl					102.0	50-150		WG697095
Chloride	mg/kg	551.	0.0	500	110.	80-120	L673702-01	WG695977

Matrix Spike Duplicate

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/kg	0.249	0.241	99.4	49.7-127	3.26	23.5	L673314-01	WG697116
Ethylbenzene	mg/kg	0.176	0.154	70.0	40.8-141	13.6	23.8	L673314-01	WG697116
Toluene	mg/kg	0.212	0.197	83.9	49.8-132	7.30	23.5	L673314-01	WG697116
Total Xylene	mg/kg	0.510	0.443	67.7	41.2-140	14.0	23.7	L673314-01	WG697116
a,a,a-Trifluorotoluene(PID)				102.0	54-144				WG697116
TPH (GC/FID) Low Fraction	mg/kg	14.8	13.8	53.9	28.5-138	6.76	23.6	L673314-01	WG697116
a,a,a-Trifluorotoluene(FID)				101.0	59-128				WG697116
TPH (GC/FID) High Fraction	mg/kg	47.3	55.4	78.9	50-150	15.7	20	L673266-16	WG697095
o-Terphenyl				86.50	50-150				WG697095
Chloride	mg/kg	542.	551.	108.	80-120	1.65	20	L673702-01	WG695977

Batch number /Run number / Sample number cross reference

WG697116: R2867791: L673659-01
WG697110: R2868384: L673659-01
WG697095: R2868481: L673659-01
WG695977: R2868484: L673659-01

* 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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Kurt Hockstra
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L673659

December 16, 2013

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.

Hoekstra, Kurt

From: Hoekstra, Kurt
Sent: Wednesday, December 18, 2013 9:16 AM
To: Brandon Powell (brandon.powell@state.nm.us)
Cc: McDaniel, James (James_McDaniel@xtoenergy.com); Hixon, Logan
Subject: Request for variance BGT closure PO Pipkin # 5E

Hello Brandon I would like to request a variance for the 100 ppm TPH closure requirement for the BGT at the PO Pipkin # 5E, located in unit J Sec. 7, T-27N R-10W San Juan County NM.

The BGT cellar was sampled on 12-12-2013 and analyzed for TPH via USEPA Method 418.1 and returned results of 5180 ppm. The sample was also analyzed via Method USEPA 8015 and returned results of DRO 110 ppm , GRO < 0.57 ppm.

Based on TPH results of 110 ppm all DRO XTO energy does not consider this a threat to the environment or human health and would like to close this BGT cellar without further action.

Thanks in advance for your help with this matter.

Kurt Hoekstra
EHS Coordinator
XTO Energy
505-333-3202 Office
505-486-9543 Cell
Kurt_Hoekstra@xtoenergy.com

Hoekstra, Kurt

From: Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>
Sent: Wednesday, January 15, 2014 11:47 AM
To: Hoekstra, Kurt
Cc: Powell, Brandon, EMNRD
Subject: RE: 2nd Follow-Up Request for variance BGT closure PO Pipkin # 5E

Kurt,

Go ahead and refer the closure to the spill rule in the detailed closure report and initial C-141 for the pit closure permit and separately submit a final C-141 with the results with the statements provided. Upon reviewing the location on aerial and topographical maps and the results level indicated, I am granting permission to close it out without further remediation.

Jonathan D. Kelly
Compliance Officer
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 122
jonathan.kelly@state.nm.us

From: Hoekstra, Kurt [mailto:Kurt_Hoekstra@xtoenergy.com]
Sent: Wednesday, January 15, 2014 11:37 AM
To: Kelly, Jonathan, EMNRD
Subject: FW: 2nd Follow-Up Request for variance BGT closure PO Pipkin # 5E

From: Hoekstra, Kurt
Sent: Tuesday, January 14, 2014 9:10 AM
To: Brandon Powell (brandon.powell@state.nm.us)
Cc: McDaniel, James (James_McDaniel@xtoenergy.com); Hixon, Logan
Subject: 2nd Follow-Up Request for variance BGT closure PO Pipkin # 5E

Hello Brandon this email request was originally sent on 12-18-2013 with the holidays and all the end of the year items to finish I know everyone is busy. A follow up email was sent on 1-2-2014, I thought I would check on this previous request. Thanks

Hello Brandon I would like to request a variance for the 100 ppm TPH closure requirement for the BGT at the PO Pipkin # 5E, located in unit J Sec. 7, T-27N R-10W San Juan County NM.

The BGT cellar was sampled on 12-12-2013 and analyzed for TPH via USEPA Method 418.1 and returned results of 5180 ppm. The sample was also analyzed via Method USEPA 8015 and returned results of DRO 110 ppm , GRO < 0.57 ppm.

Based on TPH results of 110 ppm all DRO XTO energy does not consider this a threat to the environment or human health and would like to close this BGT cellar without further action.

Thanks in advance for your help with this matter.