OIL CONS. DIV DIST. 3

SEP 10 2015

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: McCarty Gas Com B # 1F	Facility Type: Gas Well (Basin Dakota, Otero Chacra)

Surface Owner: State	Mineral Owner	API No.: 30-045-34344

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	16	29N	11W	1910	FSL	1745	FEL	San Juan

Latitude 36.723784 **Longitude** -107.9943339

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 12 BBL's	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 8-23-2015 11:00 am
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Cory Smith (NMOCD)	
By Whom? Kurt Hoekstra (EHS Coordinator XTO Energy)	Date and Hour: 8-25-2015 7:35 am	
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.* On Sunday, 8-23-2015 an XTO Lease Operator found the steel production pit tank on the McCarty Gas Com B#1F location leaking from the bottom of the pit tank . The Lease Operator estimated 12 barrels of produced water had seeped into the ground. The Lease Operator shut the well in and had a water truck pull the remaining fluid from the production pit. No fluid was recovered from the pit cellar .The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 20 due to an estimated depth to groundwater of 50 to 100 feet, distance to a water well greater than 1000 feet, and distance to surface water 200-1000 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.*Based on the loss of 12 BBL's of produced water , a release has been confirmed at this location. The BGT cellar was excavated approximately 4 feet, to a total depth of 10 feet deep,the total excavation measurements were 10'x6'x 10' deep, a composite sample was collected from the bottom of the cellar and the side walls and returned results below the standards for the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. 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: Kurt Hoekstra	OIL CONSERVATION DIVISION Approved by Environmental Specialist: Cory Smith	
Printed Name: Kurt Hoekstra		
Title: EHS Coordinator	Approval Date: 9/30/15	Expiration Date:
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval:	Attached ☐
Date: 9-8-2015 Phone: 505-333-3100		

* Attach Additional Sheets If Necessary

#NCS1527333726

8

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

September 03, 2015

James McDaniel
XTO Energy
382 County Road 3100
Aztec, NM 87410
TEL: (505) 787-0519
FAX (505) 333-3280

RE: McCarty GC B# 1F OrderNo.: 1509076

Dear James McDaniel:

Hall Environmental Analysis Laboratory received 2 sample(s) on 9/2/2015 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. In order to properly interpret your results it is imperative that you review this report in its entirety. 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. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: McCarty GC B# 1F
Lab ID: 1509076-001
Matrix: MEOH (SOIL)
Client Sample ID: 10' Bottom
Collection Date: 9/1/2015 12:25:00 PM
Received Date: 9/2/2015 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	35	10		mg/Kg	1	9/2/2015 10:40:56 AM	21102
Surr: DNOP	104	57.9-140		%REC	1	9/2/2015 10:40:56 AM	21102
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	17	3.4		mg/Kg	1	9/2/2015 9:49:41 AM	21086
Surr: BFB	201	75.4-113	S	%REC	1	9/2/2015 9:49:41 AM	21086
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.034		mg/Kg	1	9/2/2015 9:49:41 AM	21086
Toluene	ND	0.034		mg/Kg	1	9/2/2015 9:49:41 AM	21086
Ethylbenzene	ND	0.034		mg/Kg	1	9/2/2015 9:49:41 AM	21086
Xylenes, Total	0.52	0.069		mg/Kg	1	9/2/2015 9:49:41 AM	21086
Surr: 4-Bromofluorobenzene	111	80-120		%REC	1	9/2/2015 9:49:41 AM	21086

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: McCarty GC B# 1F
Lab ID: 1509076-002
Matrix: MEOH (SOIL)
Client Sample ID: Wall Composite
Collection Date: 9/1/2015 12:30:00 PM
Received Date: 9/2/2015 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	14	9.8		mg/Kg	1	9/2/2015 11:35:26 AM	21102
Surr: DNOP	103	57.9-140		%REC	1	9/2/2015 11:35:26 AM	21102
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	9/2/2015 10:15:00 AM	21086
Surr: BFB	112	75.4-113		%REC	1	9/2/2015 10:15:00 AM	21086
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.043		mg/Kg	1	9/2/2015 10:15:00 AM	21086
Toluene	ND	0.043		mg/Kg	1	9/2/2015 10:15:00 AM	21086
Ethylbenzene	ND	0.043		mg/Kg	1	9/2/2015 10:15:00 AM	21086
Xylenes, Total	ND	0.085		mg/Kg	1	9/2/2015 10:15:00 AM	21086
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	9/2/2015 10:15:00 AM	21086

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1509076**

03-Sep-15

Client: XTO Energy
Project: McCarty GC B# 1F

Sample ID	MB-21102	SampType:	MBLK		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	PBS	Batch ID:	21102		RunNo:	28612				
Prep Date:	9/2/2015	Analysis Date:	9/2/2015		SeqNo:	865691	Units:	mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		102	57.9	140			

Sample ID	LCS-21102	SampType:	LCS		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	LCSS	Batch ID:	21102		RunNo:	28612				
Prep Date:	9/2/2015	Analysis Date:	9/2/2015		SeqNo:	865705	Units:	mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	57.4	139			
Surr: DNOP	4.7		5.000		95.0	57.9	140			

Sample ID	1509076-001AMS	SampType:	MS		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	10' Bottom	Batch ID:	21102		RunNo:	28612				
Prep Date:	9/2/2015	Analysis Date:	9/2/2015		SeqNo:	865818	Units:	mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	69	9.8	49.21	34.57	70.3	42.3	146			
Surr: DNOP	5.0		4.921		101	57.9	140			

Sample ID	1509076-001AMSD	SampType:	MSD		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	10' Bottom	Batch ID:	21102		RunNo:	28612				
Prep Date:	9/2/2015	Analysis Date:	9/2/2015		SeqNo:	865819	Units:	mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	70	9.8	48.83	34.57	73.2	42.3	146	1.68	28.9	
Surr: DNOP	5.0		4.883		102	57.9	140	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- B Analyte detected in the associated Method Blank
- D Sample Diluted Due to Matrix
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- R RPD outside accepted recovery limits
- RL Reporting Detection Limit
- S % Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1509076**

03-Sep-15

Client: XTO Energy
Project: McCarty GC B# 1F

Sample ID **MB-21086**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **21086**	RunNo: **28617**
Prep Date: **9/1/2015**	Analysis Date: **9/2/2015**	SeqNo: **866257** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	840		1000		84.1	75.4	113			

Sample ID **LCS-21086**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **21086**	RunNo: **28617**
Prep Date: **9/1/2015**	Analysis Date: **9/2/2015**	SeqNo: **866258** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.5	79.6	122			
Surr: BFB	930		1000		93.0	75.4	113			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- B Analyte detected in the associated Method Blank
- D Sample Diluted Due to Matrix
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- R RPD outside accepted recovery limits
- RL Reporting Detection Limit
- S % Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1509076**

03-Sep-15

Client: XTO Energy

Project: McCarty GC B# 1F

Sample ID **MB-21086**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **21086**	RunNo: **28617**
Prep Date: **9/1/2015**	Analysis Date: **9/2/2015**	SeqNo: **866291** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		97.3	80	120			

Sample ID **LCS-21086**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **21086**	RunNo: **28617**
Prep Date: **9/1/2015**	Analysis Date: **9/2/2015**	SeqNo: **866292** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.050	1.000	0	93.5	80	120			
Toluene	0.94	0.050	1.000	0	93.6	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

Chain-of-Custody Record

Client: XTO

Mailing Address:

Phone#:

email or Fax#: jamesmcdaniel

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation
☑ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time: Same Day
☐ Standard ☑ Rush

Project Name: McCarty GC B#1F

Project #: —

Project Manager: J McDaniel

Sampler: J McDaniel

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1509076	BTEX + ~~MTBE~~ + ~~TMB's~~ (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / ~~MRO~~)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
1/1/15	1225	Soil	10' Bottom	1/4oz	Cool	-001	X		X													
1/1/15	1230	Soil	Wall Composite	1/4oz	Cool	-002	X		X													

Date: 1/1/15 Time: 1245 Relinquished by:

Received by: Chasity Walker Date Time 9/1/15 1245

Date: 9/1/15 Time: 1805 Relinquished by: Chasity Walker

Received by: Date Time 09/02/15 0800

Remarks:

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.