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

OIL CONS. DIV DIST. 3

DEC 26 2014

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: Logan Hixon
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683
Facility Name: Salty Dog SWD 3R (Water Gathering Line)	Facility Type: SWD (Gathering Line)

Surface Owner: Federal Land	Mineral Owner	API No. 30-045-31274

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	28	30 N	14W	1140	FNL	2360	FEL	San Juan

Latitude: N36*46228 Longitude: W-108.20510

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Approximately 75 bbl.	Volume Recovered: 50 bbl. Recovered
Source of Release: Water Transfer Line	Date and Hour of Occurrence: December 15-16, 14 at Unknown Time	Date and Hour of Discovery: December 16, 2014 at approximately 1200
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Brandon Powell (NMOCD), Cory Smith (NMOCD), Shari Ketcham (BLM)	
By Whom? Logan Hixon(XTO)	Date and Hour: December 16, 2014 at 1737 (see attached E-Mail)	
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.* A 4" SDR11 Poly Pipe ruptured at a butt weld alongside the access road to the Mayre 1 well site. The release occurred at the approximate coordinates of 36.765671 and -108.342949. Approximately 75 barrels of produced water (Fruitland Coal Production Water) was released from the line. Approximately 50 barrels were recovered on site. The release occurred on the East side of the access road and ran approximately 200 feet on the road before entering a dry drainage feature on the west side of the access road and ran approximately 325 feet North West in the drainage feature before coming to an end. The unnamed drainage runs into Stevens Arroyo approximately 100 feet from the end of the release. Stevens Arroyo runs into the San Juan River approximately 6 miles downstream. 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 distance to surface water less than 200 feet, and an approximate distance to groundwater of less than 50 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX. Composite soil samples were collected on the roadway, and in the dry drainage feature, for a total of two (2) soil samples. Both (2) samples individual of each other were sent in for laboratory analysis for TPH via USEPA Method 8015, BTEX via USEPA Method 8021, and for total chlorides. The composite sample collected of the road returned results of 1800 ppm total Chlorides, and below standards for TPH and BTEX. The composite sample collected in the dry drainage feature returned analytical results of 1700 PPM total Chlorides, and below standards for TPH and BTEX. (*Sample Analytical data and On-site attached*)

Describe Area Affected and Cleanup Action Taken.* On December 19, 2014 XTO requested to close the site due to all analytical sample results were below standards under NMOCD Guidelines for the Remediation of Leaks, Spills, and Releases. The surface owner (BLM) approved closure of the site. No further action is required for this site. (*Attached Documentation*)

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: Logan Hixon	OIL CONSERVATION DIVISION Approved by Environmental Specialist:	
Printed Name: Logan Hixon		
Title: EHS Coordinator	Approval Date: 2/5/15	Expiration Date:
E-mail Address: Logan_Hixon@xtoenergy.com	Conditions of Approval:	Attached ☐
Date: 12-23-14 Phone: 505-333-3683		

* Attach Additional Sheets If Necessary

#NCS 1503639908

19

line leak

On-Site Form- Samples Needed

Well lat and long
16-98 Road 6484
Kirtland, NM 87417
United States
(36.765671, -108.342949)

State
NM

County
San Juan

Time On-Site
12/16/14, 1:00 PM

Reason for On-Site
spill

Contractors On Site
Yes

Spill Amount
75

Amount Recovered
50

Material Spilled
produced water

Land Usage
range, residential

Question	Response	Details
Ranking		
Distance to groundwater	10	
Distance to surface water	20	
Total ranking	30	
Site Diagram & Data		
Site Diagram		
Sample Location Side View		
Sample Location aerial view		
Testing OVM Meter		
OVM (PPM)		
Sample 1		
Time sample collected	12/16/14, 1:20 PM	
Sample description	road composite	
Characteristic	wet, sandy	
OVM (PPM)		
Analysis Requested	yes	8015, 8021, chlorides
LAT and LONG		
Sample 2		
Time sample collected	12/16/14, 2:00 PM	
Sample description	wash composite	
Characteristic	wet, sandy	
OVM (PPM)		
Analysis Requested	yes	8015, 8021, chlorides
LAT and LONG		
Sample 3		
Time sample collected		
Sample description		
Characteristic		
OVM (PPM)		
Analysis Requested		
LAT and LONG		

Hixon, Logan

From:	Hixon, Logan
Sent:	Tuesday, December 16, 2014 5:37 PM
To:	Shari Ketcham (sketcham@blm.gov); Smith, Cory, EMNRD; BRANDON POWELL (brandon.powell@state.nm.us)
Cc:	McDaniel, James (James_McDaniel@xtoenergy.com); Hoekstra, Kurt; Naegele, Otto (Otto_Naegele@xtoenergy.com); Daniels, Melissa (Melissa_Daniels@xtoenergy.com); Divine, Olan; Shelby, Ray
Subject:	24 Hour Notification of Release-Water Transfer Line Near Access Road of Mayre 1 Water Transfer Line

Good Evening,
Please accept this email as the required notification of a release of a water transfer line near the well Mayre 1 access road located in Section 31(P), Township 30N, Range 14W, in San Juan County, New Mexico. At approximately 1200 on December 16, 2014 a water leak was found on the access road near another operators well. Approximately 75 barrels of produced water (Fruitland Coal Production Water) was released from the line. Approximately 50 barrels were recovered on site. The release occurred on the East side of the access road and ran approximately 200 feet on the road before entering a dry drainage feature on the west side of the access road and ran approximately 325 feet North West in the drainage feature before coming to an end. The unnamed drainage runs into Stevens Arroyo approximately 100 feet from the end of the release. Stevens Arroyo runs into the San Juan River approximately 6 miles downstream. 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 an estimated distance to surface water greater than 200 but less than 1000 feet. This set the closure standard to 1,000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX. Composite soil samples were collected on the roadway, and in the dry drainage feature, for a total of two (2) soil samples. Both (2) samples individual of each other were sent in for laboratory analysis for TPH via USEPA Method 8015, BTEX via USEPA Method 8021, and for total chlorides. Repairs are being made at this time with the use of non-mechanical equipment to expose the line. Thanks and have a good evening!

If you have any questions or concerns do not hesitate to contact me at anytime. Thank you and have a good day!

Thank You!

XTO ENERGY INC., an ExxonMobil subsidiary
Logan Hixon | 72 Suttle Street, Suite J | Durango, CO 81303 | ph: 970-247-7708 | Cell: 505-386-8018

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

December 19, 2014

Logan Hixon
XTO Energy
382 County Road 3100
Aztec, NM 87410
TEL: (505) 386-8018
FAX (505) 333-3280

RE: Access Road Mayre 1 OrderNo.: 1412895

Dear Logan Hixon:

Hall Environmental Analysis Laboratory received 2 sample(s) on 12/18/2014 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

Analytical Report
Lab Order **1412895**
Date Reported: **12/19/2014**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: Access Road Mayre 1
Lab ID: 1412895-001
Client Sample ID: Road Composite
Collection Date: 12/16/2014 1:20:00 PM
Matrix: MEOH (SOIL)
Received Date: 12/18/2014 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **BCN**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/18/2014 11:10:35 AM	16898
Surr: DNOP	87.7	63.5-128		%REC	1	12/18/2014 11:10:35 AM	16898
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	12/18/2014 12:13:10 PM	R23228
Surr: BFB	110	80-120		%REC	1	12/18/2014 12:13:10 PM	R23228
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.033		mg/Kg	1	12/18/2014 12:13:10 PM	R23228
Toluene	ND	0.033		mg/Kg	1	12/18/2014 12:13:10 PM	R23228
Ethylbenzene	ND	0.033		mg/Kg	1	12/18/2014 12:13:10 PM	R23228
Xylenes, Total	ND	0.066		mg/Kg	1	12/18/2014 12:13:10 PM	R23228
Surr: 4-Bromofluorobenzene	137	80-120	S	%REC	1	12/18/2014 12:13:10 PM	R23228
EPA METHOD 300.0: ANIONS						Analyst: **lgp**	
Chloride	1800	75		mg/Kg	50	12/18/2014 2:23:12 PM	16904

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
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
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: Access Road Mayre 1
Lab ID: 1412895-002
Matrix: MEOH (SOIL)
Client Sample ID: Wash Composite
Collection Date: 12/16/2014 2:00:00 PM
Received Date: 12/18/2014 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **BCN**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/18/2014 11:40:47 AM	16898
Surr: DNOP	93.6	63.5-128		%REC	1	12/18/2014 11:40:47 AM	16898
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	12/18/2014 12:40:32 PM	R23228
Surr: BFB	112	80-120		%REC	1	12/18/2014 12:40:32 PM	R23228
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.034		mg/Kg	1	12/18/2014 12:40:32 PM	R23228
Toluene	ND	0.034		mg/Kg	1	12/18/2014 12:40:32 PM	R23228
Ethylbenzene	ND	0.034		mg/Kg	1	12/18/2014 12:40:32 PM	R23228
Xylenes, Total	ND	0.069		mg/Kg	1	12/18/2014 12:40:32 PM	R23228
Surr: 4-Bromofluorobenzene	136	80-120	S	%REC	1	12/18/2014 12:40:32 PM	R23228
EPA METHOD 300.0: ANIONS						Analyst: **lgp**	
Chloride	1700	75		mg/Kg	50	12/18/2014 2:35:37 PM	16904

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
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
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1412895**

19-Dec-14

Client: XTO Energy

Project: Access Road Mayre 1

Sample ID	**MB-16904**	SampType:	**MBLK**		TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**16904**		RunNo:	**23255**					
Prep Date:	**12/18/2014**	Analysis Date:	**12/18/2014**		SeqNo:	**687161**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5									

Sample ID	**LCS-16904**	SampType:	**LCS**		TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**16904**		RunNo:	**23255**					
Prep Date:	**12/18/2014**	Analysis Date:	**12/18/2014**		SeqNo:	**687162**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	14	1.5	15.00	0	93.0	90	110				

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1412895**

19-Dec-14

Client: XTO Energy

Project: Access Road Mayre 1

Sample ID **MB-16898**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **16898**	RunNo: **23210**
Prep Date: **12/18/2014**	Analysis Date: **12/18/2014**	SeqNo: **685651** 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	7.5		10.00		75.5	63.5	128			

Sample ID **LCS-16898**	SampType: **LCS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **16898**	RunNo: **23210**
Prep Date: **12/18/2014**	Analysis Date: **12/18/2014**	SeqNo: **685652** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	62	10	50.00	0	124	68.6	130			
Surr: DNOP	4.5		5.000		89.4	63.5	128			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1412895**

19-Dec-14

Client: XTO Energy

Project: Access Road Mayre 1

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **R23228**	RunNo: **23228**
Prep Date:	Analysis Date: **12/18/2014**	SeqNo: **686751** 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	940		1000		93.6	80	120			

Sample ID **2.5UG GRO LCS**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R23228**	RunNo: **23228**
Prep Date:	Analysis Date: **12/18/2014**	SeqNo: **686752** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.4	65.8	139			
Surr: BFB	900		1000		90.0	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1412895**

19-Dec-14

Client: XTO Energy

Project: Access Road Mayre I

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R23228**	RunNo: **23228**
Prep Date:	Analysis Date: **12/18/2014**	SeqNo: **686791** 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	1.1		1.000		111	80	120			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **R23228**	RunNo: **23228**
Prep Date:	Analysis Date: **12/18/2014**	SeqNo: **686792** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		118	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

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

Sample Log-In Check List

Client Name: XTO Energy | Work Order Number: 1412895 | RcptNo: 1

Received by/date: 12/18/14

Logged By: **Ashley Gallegos** 12/18/2014 8:00:00 AM

Completed By: **Ashley Gallegos** 12/18/2014 9:02:09 AM

Reviewed By: 12/18/14

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

XTO ENERGY
Western Division

Quote Number		Page 1 of 1
XTO Contact: Logan Hixon		XTO Contact Phone #: 505 396 8018
Email Results to: Logan, Kurt, James		
Well Site/Location: Access Road Mayre 1	API Number	Test Reason: Release
Collected By: Logan Hixon / James McDaniel	Samples on Ice: (Y) N	Turnaround: Standard; ~~Next Day~~; X Same Day; ___ Two Day; ___ Three Day; ___ Std. 5 Bus. Days (by contract); Date Needed: 12-18
Company: XTO	QA/QC Requested	
Signature: Logan H	Gray Areas for Lab Use Only!	

Analysis: 8015 (GRO/DRO) (CBTEX) 8021 Chlorides

Lab Information

Office Abbreviations
Farmington = FAR
Durango = DUR
Bakken = BAK
Raton = RAT
Piceance = PC
Roosevelt = RSV
La Barge = LB
Orangeville = OV

Sample ID	Sample Name	Media	Date	Time	Preservative	No. of Conts.	Sample Number
FARLH-121614-1320	Road Composite	S	12-16	13:20	Cool	1-4oz	1412895-00
FARLH-121614-1400	Wash Composite	S	12-16	14:00	Cool	1-4oz	-00

Media: Filter = F Soil = S Wastewater = WW Groundwater = GW Drinking Water = DW Sludge = SG Surface Water = SW Air = A Drill Mud = DM Other = OT

Relinquished By: (Signature) Logan H	Date: 12-17-14	Time: 0500	Received By: (Signature) Christa Waters	Number of Bottles	Sample Condition
Relinquished By: (Signature) Kurt Wetton	Date: 12-17-14	Time: 1921	Received By: (Signature) 1.0°C 12/18/14 0800	Temperature: 1.0°C	Other Information
Relinquished By: (Signature)	Date:	Time:	Received for Lab by: (Signature)	Date:	Time:

Comments

* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200

From:	Hixon, Logan
To:	"Ketcham, Shari"; BRANDON POWELL (brandon.powell@state.nm.us); Smith, Cory, EMNRD
Cc:	McDaniel, James; Hoekstra, Kurt; Naegele, Otto; Daniels, Melissa; Divine, Olan; Shelby, Ray
Subject:	RE: 24 Hour Notification of Release-Water Transfer Line Near Access Road of Mayre 1 Water Transfer Line
Date:	Friday, December 19, 2014 2:12:00 PM
Attachments:	12-19-14 Preliminary Results Access Road Mayre 1.pdf

Good Afternoon,
Attached are the preliminary sample results from samples collected on Tuesday December 16, 2014 at the release near the Mayre 1 access road. The samples returned results below the standards for TPH, Benzene, and BTEX. Chloride results were returned respectively at 1,800 ppm for the road composite and 1,700 ppm for the dry wash composite. With a distance of approximately 6 miles to flowing water (San Juan River), groundwater is approximately at a depth greater than 100 feet and approximately over 1,000 feet to a water source, it is not believed to be a threat to human health or the environment. XTO requests to close this project.

If you have any questions or concerns do not hesitate to contact me at any time.

Thank you and have a good weekend!

Thank You!
XTO ENERGY INC., an ExxonMobil subsidiary
Logan Hixon | 72 Suttle Street, Suite J | Durango, CO 81303 | ph: 970-247-7708 | Cell: 505-386-8018
Logan Hixon | 382 CR 3100 | Aztec, NM 87410 | ph: 505-333-3100 | Logan_Hixon@xtoenergy.com

From: Ketcham, Shari [mailto:sketcham@blm.gov]
Sent: Wednesday, December 17, 2014 6:42 AM
To: Hixon, Logan
Cc: Smith, Cory, EMNRD; BRANDON POWELL (brandon.powell@state.nm.us); McDaniel, James; Hoekstra, Kurt; Naegele, Otto; Daniels, Melissa; Divine, Olan; Shelby, Ray
Subject: Re: 24 Hour Notification of Release-Water Transfer Line Near Access Road of Mayre 1 Water Transfer Line

Please test for chlorides since this is a produced water spill.

Thank you!

Shari Ketcham

Natural Resource Specialist, Spills Biologist
BLM Farmington Field Office
6251 College Blvd Suite A
Farmington, NM 87402
Office: (505) 564-7713
Fax: (505) 564-7607

On Tue, Dec 16, 2014 at 5:37 PM, Hixon, Logan <Logan_Hixon@xtoenergy.com> wrote:
Good Evening,
Please accept this email as the required notification of a release of a water transfer line near the well Mayre 1 access road located in Section 31(P), Township 30N, Range 14W, in San Juan County, New Mexico. At approximately 1200 on December 16, 2014 a water leak was found on the access road near another operators well. Approximately 75 barrels of produced water (Fruitland Coal Production Water) was released from the line. Approximately 50 barrels were recovered on site. The release occurred on the East side of the access road and ran approximately 200 feet on the road before entering a dry drainage feature on the west side of the access road and ran approximately 325 feet North West in the drainage feature before coming to an end. The unnamed drainage runs into Stevens Arroyo approximately 100 feet from the end of the release. Stevens Arroyo runs into the San Juan River approximately 6 miles downstream. 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 an estimated distance to surface water greater than 200 but less than 1000 feet. This set the closure standard to 1,000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX. Composite soil samples were collected on the roadway, and in the dry drainage feature, for a total of two (2) soil samples. Both (2) samples individual of each other were sent in for laboratory analysis for TPH via USEPA Method 8015, BTEX via USEPA Method 8021, and for total chlorides. Repairs are being made at this time with the use of non-mechanical equipment to expose the line. Thanks and have a good evening!

If you have any questions or concerns do not hesitate to contact me at anytime. Thank you and have a good day!

Thank You!
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Subject:	Re: 24 Hour Notification of Release-Water Transfer Line Near Access Road of Mayre 1 Water Transfer Line
Date:	Monday, December 22, 2014 7:01:08 AM

The site of the release is 69 feet from a USGS watercourse and <50 feet depth to groundwater for a rank of 40.

However, since chlorides were relatively low and TPH, BTEX, and benzene were non-detect, no further remediation is needed at the Mayre 1 transfer line.

Thank you!

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On Fri, Dec 19, 2014 at 2:12 PM, Hixon, Logan <Logan_Hixon@xtoenergy.com> wrote:

> Good Afternoon,
>
> Attached are the preliminary sample results from samples collected on Tuesday December 16, 2014 at the release near the Mayre 1 access road. The samples returned results below the standards for TPH, Benzene, and BTEX. Chloride results were returned respectively at 1,800 ppm for the road composite and 1,700 ppm for the dry wash composite. With a distance of approximately 6 miles to flowing water (San Juan River), groundwater is approximately at a depth greater than 100 feet and approximately over 1,000 feet to a water source, it is not believed to be a threat to human health or the environment. XTO requests to close this project.
>
> If you have any questions or concerns do not hesitate to contact me at any time.
>
> Thank you and have a good weekend!

Thank You!

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Subject: Re: 24 Hour Notification of Release-Water Transfer Line Near Access Road of Mayre 1 Water Transfer Line

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Shari Ketcham

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