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: James McDaniel
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3701
Facility Name: R B Sullivan #3E (30-045-23986)	Facility Type: Gas Well (Dakota)

Surface Owner: Private	Mineral Owner: Private	Lease No.: Fee

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	11	27N	10W	790	FNL	790	FWL	San Juan

Latitude: 36.594792 Longitude: -107.871277

NATURE OF RELEASE

Type of Release: Produced water/incidental oil	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Historical Earthen Pit	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 6/11/2010
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	**RCVD AUG 11 '10**
By Whom?	Date and Hour	**OIL CONS. DIV.**
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	**DIST. 3**

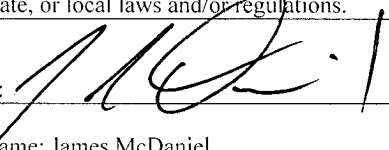If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
During routine oil and gas operations activities and XTO employee noticed an oil spot off of the well pad at the R B Sullivan #3E. Upon further investigation, it was discovered that a former operator of this location had discharged into an earthen pit off of the well pad. The site was then ranked a 40 according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases due to a wash at less than 200 feet from the location, and a assumed depth to groundwater of less than 50 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.*
Due to the site being located on private property, the landowner's permission was obtained prior to beginning excavation activities. Backfill was purchased from the landowner to match the existing soil type in the area. The abandoned dump lines were removed, and the historical earthen pit was excavated to extents of approximately 15' x 15' x 4-5' deep. At these extents, composite samples were collected from the walls and the bottom of the excavation, and analyzed for TPH via USEPA Method 8015, and for total BTEX via USEPA Method 8021. The samples returned results below the 100 ppm TPH standard, the 10 ppm benzene standard, and the 50 ppm total BTEX standard. Approximately 120 cubic yards of impacted soil was transported to Envirotech's NMOCD permitted landfarm for disposal. The site was backfilled using local material purchased from the land owner. The area will be re-seeded and recontoured to match the landowner's specifications. No further action is required. *Analytical Results* and *Bills of Lading* 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	Approved by District Supervisor: _Brand Pell_ For: CP
Title: EH&S Specialist	Approval Date: 9/8/10 Expiration Date:
E-mail Address: James_McDaniel@xtoenergy.com	Conditions of Approval: Attached ☐
Date: 8/09/2010 Phone: 505-333-3701	

nBP 1025147529

9

ESC
L·A·B S·C·I·E·N·C·E·S

YOUR LAB OF CHOICE

REPORT OF ANALYSIS

August 03, 2010

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

ESC Sample # :   L471622-02

Date Received   :   July   31, 2010
Description   :   RB Sulivan No. 3E

Site ID   :

Sample ID   :   WALL COMPOSITE

Project # :

Collected By   :   Joshua Kirchner
Collection Date :   07/30/10 11:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.4		%	2540G	08/03/10	1
Benzene	BDL	0.0029	mg/kg	8021/8015	07/31/10	5
Toluene	BDL	0.029	mg/kg	8021/8015	07/31/10	5
Ethylbenzene	BDL	0.0029	mg/kg	8021/8015	07/31/10	5
Total Xylene	BDL	0.0088	mg/kg	8021/8015	07/31/10	5
TPH (GC/FID) Low Fraction	BDL	0.58	mg/kg	GRO	07/31/10	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	97.5		% Rec.	8021/8015	07/31/10	5
a,a,a-Trifluorotoluene(PID)	102.		% Rec.	8021/8015	07/31/10	5
TPH (GC/FID) High Fraction	77.	4.7	mg/kg	3546/DRO	08/02/10	1
Surrogate recovery(%)						
o-Terphenyl	91.9		% Rec.	3546/DRO	08/02/10	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: 08/03/10 12:36 Printed: 08/03/10 12:36

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	XTO	Project #:	98031-0528
Sample ID:	Bottom Composite	Date Reported:	08-05-10
Laboratory Number:	55431	Date Sampled:	08-04-10
Chain of Custody No:	10126	Date Received:	08-04-10
Sample Matrix:	Soil	Date Extracted:	08-04-10
Preservative:	Cool	Date Analyzed:	08-05-10
Condition:	Intact	Analysis Requested:	8015 TPH
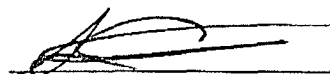
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **R B Sullivan #3E**

_____
Analyst

_____
Review

envirotech
Analytical Laboratory

EPA Method 8015 Modified

Nonhalogenated Volatile Organics

Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:		N/A
Sample ID:	08-05-10 QA/QC	Date Reported:		08-05-10
Laboratory Number:	55425	Date Sampled:		N/A
Sample Matrix:	Methylene Chloride	Date Received:		N/A
Preservative:	N/A	Date Analyzed:		08-05-10
Condition:	N/A	Analysis Requested:		TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9960E+002	1.0000E+003	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2
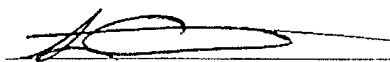
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	258	103%	75 - 125%
Diesel Range C10 - C28	ND	250	253	101%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 55393-55397, 55410-55411, 55425, 55428 and 55431

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO	
Sample ID:	Bottom composite	
Laboratory Number:	55431	
Chain of Custody:	10126	
Sample Matrix:	Soil	
Preservative:	Cool	
Condition:	Intact	

Project #:	98031-0528
Date Reported:	08-05-10
Date Sampled:	08-04-10
Date Received:	08-04-10
Date Analyzed:	08-05-10
Date Extracted:	08-04-10
Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	ND	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	ND	1.2
o-Xylene	ND	0.9
Total BTEX	ND	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	101 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	101 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: R B Sullivan #3E

Analyst

Review.

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Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A		Project #:	N/A
Sample ID:	0805BBLK QA/QC		Date Reported:	08-05-10
Laboratory Number:	55393		Date Sampled:	N/A
Sample Matrix:	Soil		Date Received:	N/A
Preservative:	N/A		Date Analyzed:	08-05-10
Condition:	N/A		Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF: Accept. Range 0 - 15%	%Diff.	Blank Conc	Detect. Limit
Benzene	1.0839E+006	1.0861E+006	0.2%	ND	0.1
Toluene	1.2145E+006	1.2169E+006	0.2%	ND	0.1
Ethylbenzene	1.0890E+006	1.0912E+006	0.2%	ND	0.1
p,m-Xylene	2.7702E+006	2.7757E+006	0.2%	ND	0.1
o-Xylene	9.8493E+005	9.8690E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.5	101%	39 - 150
Toluene	ND	50.0	50.3	101%	46 - 148
Ethylbenzene	ND	50.0	49.4	98.8%	32 - 160
p,m-Xylene	ND	100	99.4	99.4%	46 - 148
o-Xylene	ND	50.0	48.8	97.7%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 55393-55397, 55410-55411, 55428 and 55431

Analyst

Review

CHAIN OF CUSTODY RECORD

10126

Client: XTO

Project Name / Location: RB Sullivan # 3E

Sampler Name: J McDaniel

Client Address: 382 CR 3100

Client No.: 98031-0508

Client Phone No.: 787-0519

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl / HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Bottom Composite	8/4/10	1415	55431	Soil / Solid / Sludge / Aqueous	1/4oz	1	X	X											✓	✓
				Soil / Solid / Sludge / Aqueous																
				Soil / Solid / Sludge / Aqueous																
				Soil / Solid / Sludge / Aqueous																
				Soil / Solid / Sludge / Aqueous																
				Soil / Solid / Sludge / Aqueous																
				Soil / Solid / Sludge / Aqueous																
				Soil / Solid / Sludge / Aqueous																
				Soil / Solid / Sludge / Aqueous																
				Soil / Solid / Sludge / Aqueous																

Relinquished by: (Signature)	Date 8/4/10	Time 1512	Received by: (Signature)	Date 8/4/10	Time 1512
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RUSH

envirotech Analytical Laboratory

5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com

envirotech

Bill of Lading

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

MANIFEST # _____ 36151

DATE 7-27-10 JOB# 9803I-0578

COMPLETE DESCRIPTION OF SHIPMENT

TRANSPORTING COMPANY

LOAD NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	XTO R-B-Sullivan	LFII-5	Cont Soil	E-14	12	—	Keystone	502-1149	1:30	*signature*
2	3-E	"	"	E-14	12	—	TPC	13	1:30	*signature*
3	"	"	"	E-14	12	—	Keystone	502	1:27	*signature*
4	"	"	"	F-14	12	—	TPC	13	1:00	*signature*
5	"	"	"	F-14	12	—	Keystone	502	15:03	*signature*
					(4)					

NOTES: nonexempt

RESULTS:

	CHLORIDE TEST	PAINT FILTER TEST
	274	
LANDFARM EMPLOYEE:	*signature* Gary Robinson (2)	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME David Sloan   COMPANY Keystone   SIGNATURE _____

COMPANY CONTACT Marcos Trujillo   PHONE (505) 320-4969   DATE 07-27-10

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MANIFEST # 36200

DATE 7-30-12 JOB# 9803-0578

COMPLETE DESCRIPTION OF SHIPMENT

TRANSPORTING COMPANY

LOAD NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	XTO EB 5#40TN 3E	LF#5	conl soil	G-14	12	—	tepple icc	73	14:05	
2	Sullivan	"	"	G-14	12	—	Rosenberr	116	14:21	
3	"	" "	"	G-14	12	—	Cinnabar	177	14:18	
4	"	" "	"	G-14	12	—	Roche	146	344	
5	"	"	"	G-14	12	—	tepple icc's	73	15:50	

RESULTS:

	CHLORIDE TEST	PAINT FILTER TEST
~294	2	2
	2	2

LANDFARM EMPLOYEE:

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Wesley Aebischer   COMPANY Rosen Baer   SIGNATURE

Brent

COMPANY CONTACT Brent   PHONE 320 8089   DATE 7 30 12