

District I
125 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 Kim Champlin
Address #382 County Road 3100 Aztec, NM 87410	Telephone No. (505) 333-3100
Facility Name Mr. Nona 15 #1 (API 30-045-30318)	Facility Type Gas Well

Surface Owner Federal	Mineral Owner	Lease No. NMNM023473
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	15	30N	14W	1938	North	710	West	San Juan

Latitude 36.816018 Longitude 108.303108

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release Approx 30 bbl	Volume Recovered Approx 0 bbl
Source of Release Pipeline	Date and Hour of Occurrence 03/14/08, time unknown	Date and Hour of Discovery 03/14/08 3:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell- OCD Mark Kelly- BLM	RCVD APR 21 10:03 BY OCS, BLM
By Whom? Kim Champlin	Date and Hour 03/17/08 10:00AM	RCVD
Was a Watercourse Reached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse. Approximately 30 bbl	

If a Watercourse was Impacted, Describe Fully *

Produced water entered Coolidge Arroyo, that runs parallel to the pipeline, and traveled approximately 340 feet down the wash. Due to recent snow melt and obvious run off in the arroyo it is undetermined how much produced water entered the arroyo. Samples were collected along the area of the wash where the impact occurred.

Describe Cause of Problem and Remedial Action Taken. * ☐ A lease operator noticed a water leak in a pipeline that was thought to have been isolated and abandoned. Upon investigation it was discovered that there was no isolation valve and thawing process had caused extra pressure to build up and push produced water back up to the old produced water meter. It is estimated that 30 barrels of produced water was released and an undetermined amount along with runoff from recent snow melt impacted the Coolidge Arroyo. The leaking pipeline was isolated and repaired. Appropriate notifications were made and samples were collected.

Describe Area Affected and Cleanup Action Taken *

The pipeline was immediately shut in and all tubing was closed. A isolation valve was installed and the line was abandoned. Samples were collected and results are attached. No treatment of affected areas seems to be 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: <i>Kim Champlin</i>	OIL CONSERVATION DIVISION	
Printed Name: Kim Champlin	Approved by District Supervisor: <i>Bob Bell</i> for: <i>Charlie Perrin</i>	
Title: Environmental Representative	Approval Date: 4/21/08	Expiration Date:
E-mail Address: Kim_Champlin@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date 04/18/08 Phone: 505-333-3100		

* Attach Additional Sheets If Necessary

Incident # NMND 0929635430

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

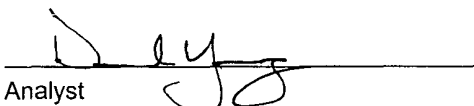
Client:	XTO Energy	Project #:	98031-121
Sample ID:	S1	Date Reported:	04-09-08
Laboratory Number:	44816	Date Sampled:	04-04-08
Chain of Custody No:	4129	Date Received:	04-07-08
Sample Matrix:	Soil	Date Extracted:	04-08-08
Preservative:	Cool	Date Analyzed:	04-08-08
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

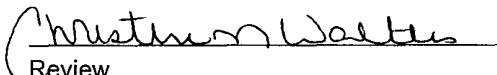
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Mr. Nona.**


Analyst


Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons


Client:	XTO Energy	Project #:	98031-121
Sample ID:	S2	Date Reported:	04-09-08
Laboratory Number:	44817	Date Sampled:	04-04-08
Chain of Custody No:	4129	Date Received:	04-07-08
Sample Matrix:	Soil	Date Extracted:	04-08-08
Preservative:	Cool	Date Analyzed:	04-08-08
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

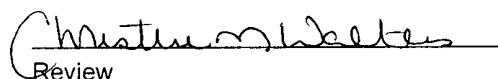
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Mr. Nona.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

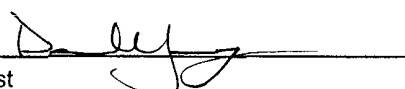
Client: XTO Energy
Sample ID: S1
Laboratory Number: 44816
Chain of Custody: 4129
Sample Matrix: Soil Extract
Preservative: Cool
Condition: Intact

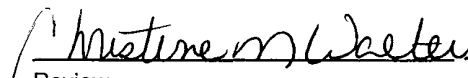
Project #: 98031-121
Date Reported: 04-14-08
Date Sampled: 04-04-08
Date Received: 04-09-08
Date Extracted: 04-09-08
Date Analyzed: 04-10-08

Parameter	Analytical Result	Units		
pH	8.48	s.u.		
Conductivity @ 25° C	2,340	umhos/cm		
Total Dissolved Solids @ 180C	1,080	mg/L		
Total Dissolved Solids (Calc)	1,005	mg/L		
SAR	14.5	ratio		
Total Alkalinity as CaCO3	90.0	mg/L		
Total Hardness as CaCO3	104	mg/L		
Bicarbonate as HCO3	90.0	mg/L	1.48	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	30.0	mg/L	0.48	meq/L
Nitrite Nitrogen	0.128	mg/L	0.00	meq/L
Chloride	244	mg/L	6.88	meq/L
Fluoride	<0.1	mg/L	0.00	meq/L
Phosphate	<0.1	mg/L	0.00	meq/L
Sulfate	341	mg/L	7.10	meq/L
Iron	27.2	mg/L	0.97	meq/L
Calcium	24.0	mg/L	1.20	meq/L
Magnesium	5.86	mg/L	0.48	meq/L
Potassium	0.24	mg/L	0.01	meq/L
Sodium	305	mg/L	13.27	meq/L
Cations			15.93	meq/L
Anions			15.94	meq/L
Cation/Anion Difference			0.11%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Mr. Nona.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

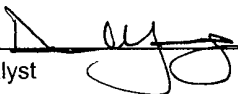
Client: XTO Energy
Sample ID: S2
Laboratory Number: 44817
Chain of Custody: 4129
Sample Matrix: Soil Extract
Preservative: Cool
Condition: Intact

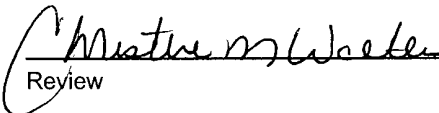
Project #: 98031-121
Date Reported: 04-14-08
Date Sampled: 04-04-08
Date Received: 04-09-08
Date Extracted: 04-09-08
Date Analyzed: 04-10-08

Parameter	Analytical Result	Units		
pH	8.03	S.U.		
Conductivity @ 25° C	208	umhos/cm		
Total Dissolved Solids @ 180C	148	mg/L		
Total Dissolved Solids (Calc)	149	mg/L		
SAR	1.9	ratio		
Total Alkalinity as CaCO3	40.0	mg/L		
Total Hardness as CaCO3	48.8	mg/L		
Bicarbonate as HCO3	40.0	mg/L	0.66	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	15.0	mg/L	0.24	meq/L
Nitrite Nitrogen	<0.01	mg/L	0.00	meq/L
Chloride	28.0	mg/L	0.79	meq/L
Fluoride	<0.1	mg/L	0.00	meq/L
Phosphate	<0.1	mg/L	0.00	meq/L
Sulfate	32.0	mg/L	0.67	meq/L
Iron	1.38	mg/L	0.05	meq/L
Calcium	18.6	mg/L	0.93	meq/L
Magnesium	0.60	mg/L	0.05	meq/L
Potassium	<0.1	mg/L	0.00	meq/L
Sodium	30.5	mg/L	1.33	meq/L
Cations			2.35	meq/L
Anions			2.35	meq/L
Cation/Anion Difference			0.00%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Mr. Nona.

Analyst 

Review 

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-08-08 QA/QC	Date Reported:	04-09-08
Laboratory Number:	44805	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-08-08
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	9.8892E+002	9.8931E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.8952E+002	9.8991E+002	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	4.7	4.7	0.0%	0 - 30%

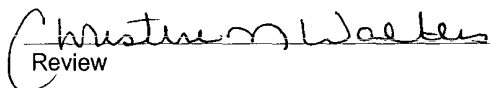
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	4.7	250	252	98.8%	75 - 125%

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.

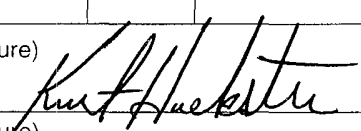
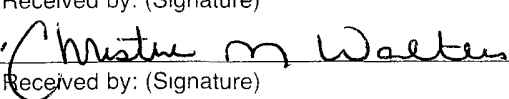
Comments: QA/QC for Samples 44805 - 44806 and 44815 - 44817.

Analyst 

Review 

CHAIN OF CUSTODY RECORD

4129

Client: XTO Energy			Project Name / Location: Mr. Nona			ANALYSIS / PARAMETERS																
Client Address: Martin Nee			Sampler Name: Kurt Hoekstra																			
Client Phone No.: Copy: Kim Chapman			Client No.: 98031-121																			
Sample No./ Identification	Sample Date	Sample Time	Lab No	Sample Matrix	No /Volume of Containers	Preservative		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418 1)					Sample Cool	Sample Intact
S1	4/4/08	1445	44816	Soil	1-4oz			✓				✓									✓	✓
S2	4/4/08	1500	44817	1	1			✓				✓									✓	✓
Relinquished by: (Signature)					Date	Time	Received by: (Signature)										Date	Time				
					4-7-08	9:00 AM											4/7/08	900				
Relinquished by: (Signature)							Received by: (Signature)															
Relinquished by: (Signature)							Received by: (Signature)															
ENVIROTECH INC. 5796 U.S Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615																						