

RECEIVED

1RP-09-09-2286

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

SEP 30 2009
HOBBSOCD

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 Permian Division-SE New Mexico	Contact: Rick Wilson/Production Foreman
Address: P.O. Box 700, Eunice, New Mexico 88231	Telephone No.: (575) 394-2089
Facility Name: EMSU-Central Battery Tank 2	Facility Type: Tank Battery-Nearest Well is EMSU Well #626 (API #30-025-31465)
Surface Owner: State of New Mexico	Mineral Owner
Lease No.:	

LOCATION OF RELEASE

Unit Letter Unit E	Section 4	Township 21S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
-----------------------	--------------	-----------------	--------------	---------------	------------------	---------------	----------------	---------------

Latitude: 32° 30' 27.93" N Longitude: 103° 16' 33.28" W

NATURE OF RELEASE

Type of Release: Crude Oil & Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date & Hour of Occurrence: Unknown	Date and Hour of Discovery: 8/26/09/8:00 am MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	


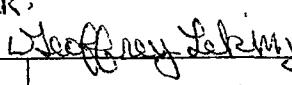
If a Watercourse was Impacted, Describe Fully.*

WATER @ 780'

Describe Cause of Problem and Remedial Action Taken.: Below Grade Tank removed per OCD approved closure plan. Oil & produced water was incidentally released to adjacent soil when discharge line was disconnected for below grade tank. A flange blind cover was installed to discharge line flange to prevent further leakage of fluid. Initial composite sample (5-spot) from soils directly beneath the tank and leak detection system showed evidence of release. Discreet sample from stained area indicates release of hydrocarbons & chlorides to adjacent soil.

Describe Area Affected and Cleanup Action Taken.: *Impact limited to exposed soil on excavation north wall and adjacent to discharge line piping. No cleanup action was taken at this time. XTO proposes to excavate the TPH (27,900 mg/Kg) and Chlorides (334 mg/Kg) at location Tank-2 North Wall to delineate the TPH and Chlorides by field methods and collect a composite sample for laboratory confirmation when field observations indicate that the extent of contamination has been obtained.

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: 		OIL CONSERVATION DIVISION	
Printed Name: John Ferguson, Larson & Associates, Inc. (Consultant)		Approved by ENV ENGINEER: District Supervisor: 	
Title: Hydrogeologist		Approval Date: 09/30/09	Expiration Date: 11/30/09
E-mail Address: john@laenvironmental.com		Conditions of Approval:	
Date: 9/16/09	Phone: (432) 687-0901	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

FGRL0936357873

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Oil Conservation Division
1220 South St. Francis Dr.
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side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy Permian Division-SE New Mexico	Contact: Rick Wilson/Production Foreman
Address: P.O. Box 700, Eunice, New Mexico 88231	Telephone No.: (575) 394-2089
Facility Name: EMSU-Central Battery Tank 2	Facility Type: Tank Battery-Nearest Well is EMSU Well #626 (API #30-025-31465)
Surface Owner: State of New Mexico	Mineral Owner: _____ Lease No.: _____

LOCATION OF RELEASE

Unit Letter Unit E	Section 4	Township 21S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Source of Release: Below Grade Tank	Date & Hour of Occurrence: Unknown	Date and Hour of Discovery: 8/26/09/8:00 am MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

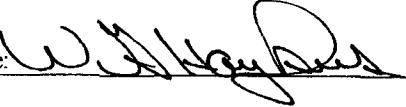
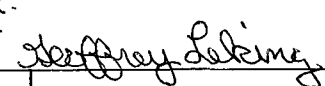
If a Watercourse was Impacted, Describe Fully.*

WATER @ 80'

Describe Cause of Problem and Remedial Action Taken.: Below Grade Tank removed per OCD approved closure plan. Oil & produced water was incidentally released to adjacent soil when discharge line was disconnected for below grade tank. A flange blind cover was installed to discharge line flange to prevent further leakage of fluid. Initial composite sample (5-spot) from soils directly beneath the tank and leak detection system showed evidence of release. Discrete sample from stained area indicates release of hydrocarbons & chlorides to adjacent soil.

Describe Area Affected and Cleanup Action Taken.: *Impact limited to exposed soil on excavation north wall and adjacent to discharge line piping. The North wall area was excavated and sampled on October 15, 2009. The TPH (<10.5 ppm) and Chlorides (8.7 ppm) were below the recommended remediation action level.

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: 	OIL CONSERVATION DIVISION	
Printed Name: Guy Haykus - XTO Energy	ENV. ENGINEER: Approved by District Supervisor: 	
Title: <u>Production Superintendent</u>	Approval Date: <u>11/02/09</u>	Expiration Date: <u>—</u>
E-mail Address: <u>William_haykus@xtoenergy.com</u>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/26/09	Phone: (432) 682.8873	

* Attach Additional Sheets If Necessary

FGRL 0936357873



October 26, 2009

Mr. Geoffrey Leking, Env. Engineer
State of New Mexico – Oil Conservation Division
1625 N French Drive
Hobbs, New Mexico 88240

RE: OCD Remediation Project No. 1RP-09-09-2286, EMSU Central Tank 2 Removal and
Excavation Closure Report, XTO Energy, Inc., Unit E (SW/4, NW/4), Section 4, Township
21 South, Range 36 East, Lea County, New Mexico

Dear Mr. Leking:

This report is submitted to the State of New Mexico Oil Conservation Division on behalf of XTO Energy, Inc. (XTO) by Larson and Associates, Inc., its agent, and presents the results of remedial actions performed at referenced below grade tank removal.

Based upon the results of this investigation, XTO requests OCD closure approval.

If you have any questions or concerns, please call me at 432.687.0901 to discuss.

Sincerely,

LARSON & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'Michelle L. Green', is written over the company name.

Michelle L. Green
Environmental Scientist - Chemist
michelle@laenvironmental.com

Attachments

CC

Mr. Don Embrey – Targa, Midland, TX
Mr. Cal Wrangham – Targa, Midland, TX
Mr. Larry Johnson – OCD District 1

Below Grade Tank Removal and Excavation Closure Report

XTO Energy, Inc.

1RP-09-09-2286

Eunice Monument South Unit – Central Battery Tank 2

Unit E (SW/4, NW/4), Section 4, T21S, R36E

Lea County, NM

Project No. 8-0137

Prepared by:

**Larson and Associates, Inc.
507 North Marienfeld Street
Suite 200
Midland, Texas 79701
432.687.0901**

October 26, 2009

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1.0 Executive Summary

This report is submitted to the State of New Mexico Oil Conservation Division (OCD) on behalf of XTO Energy, Inc. (XTO) by Larson and Associates, Inc. (LAI), its consultant, and presents the results of remedial actions performed at the referenced below grade tank removal, Tank 2. The following report documents the removal of the below grade tank associated with the Eunice Monument South Unit (EMSU), Central Battery (Facility) located in Lea County, New Mexico. The legal description of the Facility is Unit E (SW/4, NW/4), Section 4, Township 21 South, Range 36 East (Figure 1).

Closure activities consisted of notifications to the New Mexico Oil Conservation Division (OCD) and the landowner of record (New Mexico State Land Office), removal of ancillary equipment and tank, removal of soil, collection of soil samples, OCD issuance of a remediation case number and the subsequent investigation. Activities were performed in conformance with New Mexico Administrative Code Rule 19.15.17 as amended June 16, 2008 and June 18, 2009.

2.0 Operator Information

Primary Contact: Mr. Rick Wilson
Address: XTO Energy Inc., Permian Division – SE New Mexico
PO Box 700
Eunice, New Mexico 88231
Office: 575.394.2089, ext. 2201

Secondary Contact: Mr. Guy Haykus
Address: XTO Energy Inc.
Midland Office
200 N. Loraine Street, Suite 800
Midland, Texas 79701
Office: 432.682.8873

3.0 Closure Actions

3.1 Location and Siting Description

The Site has a geodetic location of N32° 30' 27.93", W103° 16' 33.28", and is located in rural Lea County, New Mexico. The nearest producing well is the XTO EMSU Well #626, with API # 30-025-31465. The Site encompasses a 6-acre tract of land. The Facility consisted of a fiberglass, below-ground storage tank, with an approximate capacity of 90 barrels. The battery is covered with crushed caliche rock and is flat to very gently sloping (Figures 2 and 3).

The Facility's siting criteria presented the following findings:

- Groundwater is about 110 feet below ground surface based on records from the New Mexico State Engineer (NMSE).
- No continuously flowing watercourse is within 300 horizontal feet of the Facility.
- No surface water features, including lakes, rivers, ponds, arroyos, lakebed, sinkhole, or playa lake, are located within 200 horizontal feet of Facility.

- No permanent residence, school, hospital, institution, or church is within 300 horizontal feet of Facility.
- No private, domestic fresh-water well or spring are within 500 horizontal feet of Facility.
- A fresh water well is located within approximately 1000 horizontal feet of the Facility, however, no springs are located within 1000 horizontal feet of Facility.
- The Facility is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance.
- The Facility is not within 500 feet an area designated as wetlands.
- The Facility is not within an area overlying a subsurface mine.
- The Facility is not within an unstable area.
- The Facility is not within a 100-year flood plain.

3.2 Closure Plan and Approval

On December 11, 2008, Larson & Associates, Inc. (LAI), on behalf of XTO, submitted a below grade tank closure plan to the OCD in Santa Fe and Hobbs, New Mexico, in accordance with an Agreed Scheduling Order (ASO-008) between XTO and OCD. The Closure Plan was approved and signed by the OCD representative Mr. Brad Jones on July 17, 2009.

3.3 Landowner and OCD Notifications

In accordance with the approved closure plan and prior to commencing work, notification of closure was sent by XTO to the New Mexico State Land Office (the surface owner) and the OCD. Copies of the notification letters are provided in Appendix A.

3.4 Tank Removal Closure Activities

On August 26, 2009, XTO removed ancillary equipment (i.e. metal barricade) for salvage or scrap metal. A Hydro-Vac truck was used to excavate soil around the tank. LAI personnel performed a site visit to collect a 5-part composite soil sample from the bottom (Tank-2 Bottom) and a discrete sample (Tank-2 North Wall) from the sidewall.

The samples were analyzed for the following constituents: benzene, toluene, ethylbenzene, xylenes (BTEX) by method 8021B, total petroleum hydrocarbons (TPH) by method 418.1 and chloride by method 300.1. The discrete sample, Tank-2 North Wall, exceeded the total BTEX (91.75 ppm), TPH (27,500 ppm) and Chloride (334 ppm) OCD reporting level of 50, 100, and 250 ppm, respectively.

An initial C-141 was submitted to the OCD District 1, Hobbs office on September 30, 2009, and remediation activities were conducted. The OCD District 1 office issued remediation project number 1RP-09-09-2286.

On October 15, 2009 XTO contracted a Hydro-Vac truck to excavate soil from the north wall of the excavation. A discrete sample was collected from this area. The sample was analyzed by Xenco Laboratories for BTEX, TPH, and chloride. The sample results were below the recommended remediation action levels for benzene (50 ppm), BTEX (50 ppm), TPH (5,000 ppm) and chloride.

Summary of analytical data is presented in Table 1. Analytical laboratory report is presented in Appendix B.

3.5 Remedial Investigation

XTO excavated the impacted soil from the North Wall on October 15, 2009. LAI collected an additional sample to confirm field delineation. No TPH was reported in the 418.1 sample above the method detection limits. Benzene and total BTEX were also below the method detection limits. Table 1 presents a summary of the laboratory analysis.

4.0 Conclusion and Recommendation

Based on the soil sample results, XTO requests approval from OCD District 1 to close the excavation according to the requirements of the closure plan approved by the OCD Santa Fe office. The initial and final C-141 forms are presented in Appendix C.

Table 1
Soil Analytical Data Summary
EMSU - Central Battery Tank 2
XTO Energy, Inc.
Lea County, New Mexico
Project No.: 8-0137

Sample ID	Date	Benzene	Ethyl benzene	Toluene	Total Xylenes	Total BTEX	TRPH	Chlorides
Reporting Limit		0.2				50	100	250
RRAL:		10				50	5,000	250
Tank-2 Bottom	8/26/2009	<0.00274	<0.00456	<0.00456	<0.00456	<0.01642	65.0	5.58
Tank-2 North Wall	8/26/2009	<0.0295	19.2	6.15	66.4	91.75	27,900	334
	10/15/2009	<0.001	<0.001	<0.0021	<0.001	<0.001	<10.5	8.7
Tank-2 Soil Pile	8/26/2009	<0.00303	0.0940	<0.00506	0.0716		628	11.3

Notes

RRAL - Recommended Remediation Action Level

Total Petroleum Hydrocarbons analyzed via Method 418.1.

Chlorides analyzed via EPA Method 300.

All values reported in Milligrams per Kilogram - dry (mg/kg, parts per million).

Bold and blue indicates the value exceeds NMOCD requirements.

JWW

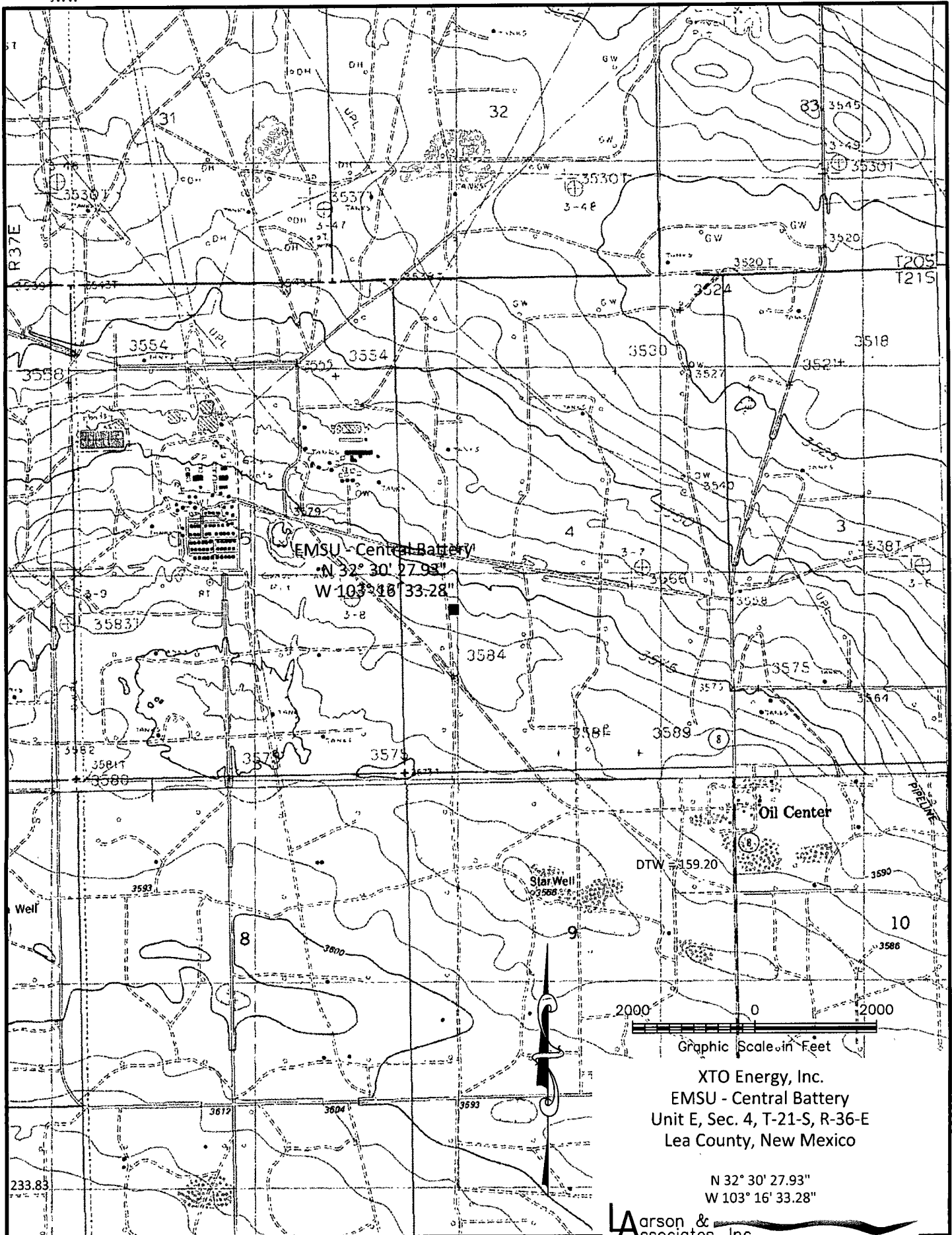
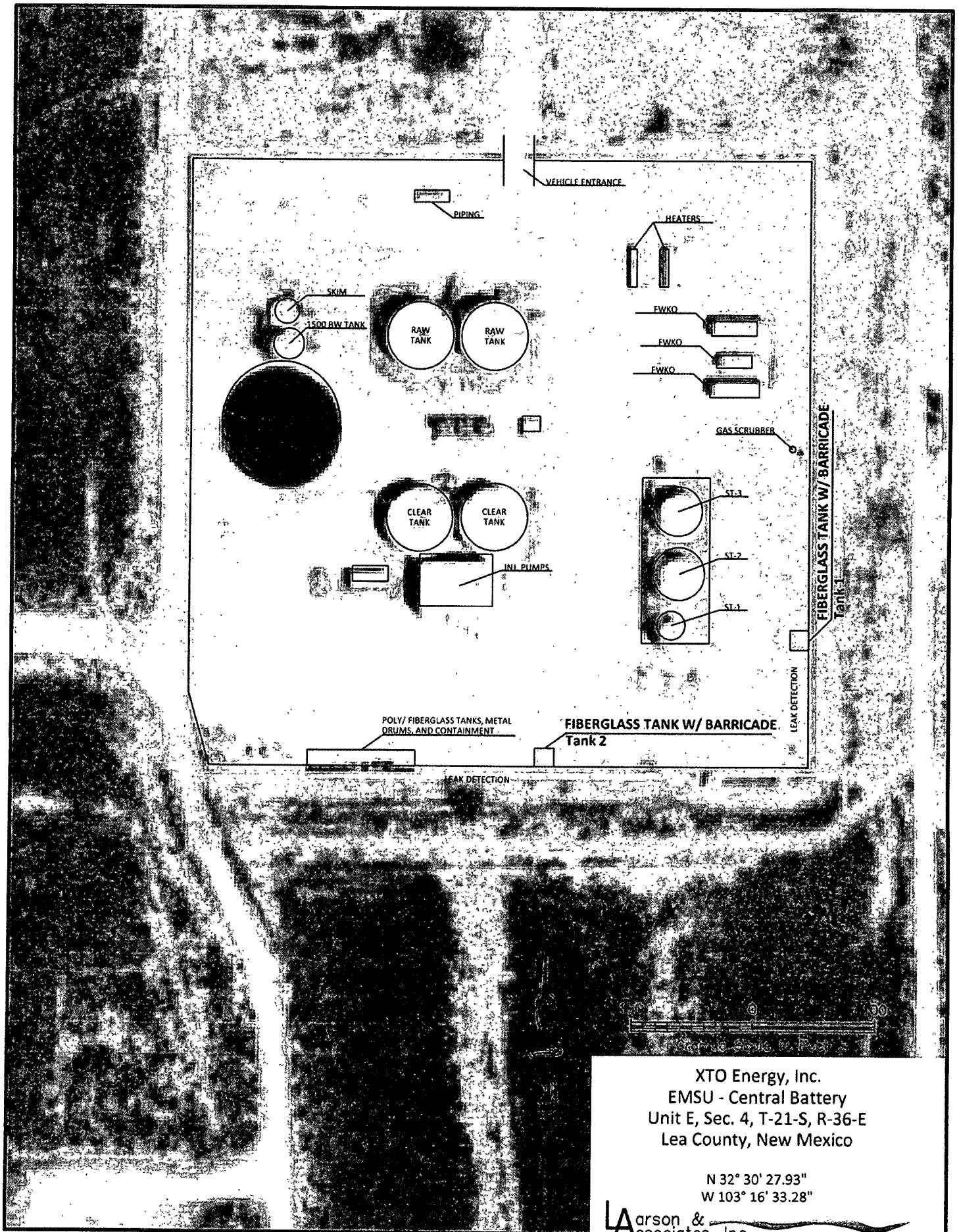


Figure 1 Topographic Map

Larson & Associates, Inc.
Environmental Consultants



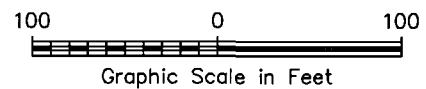
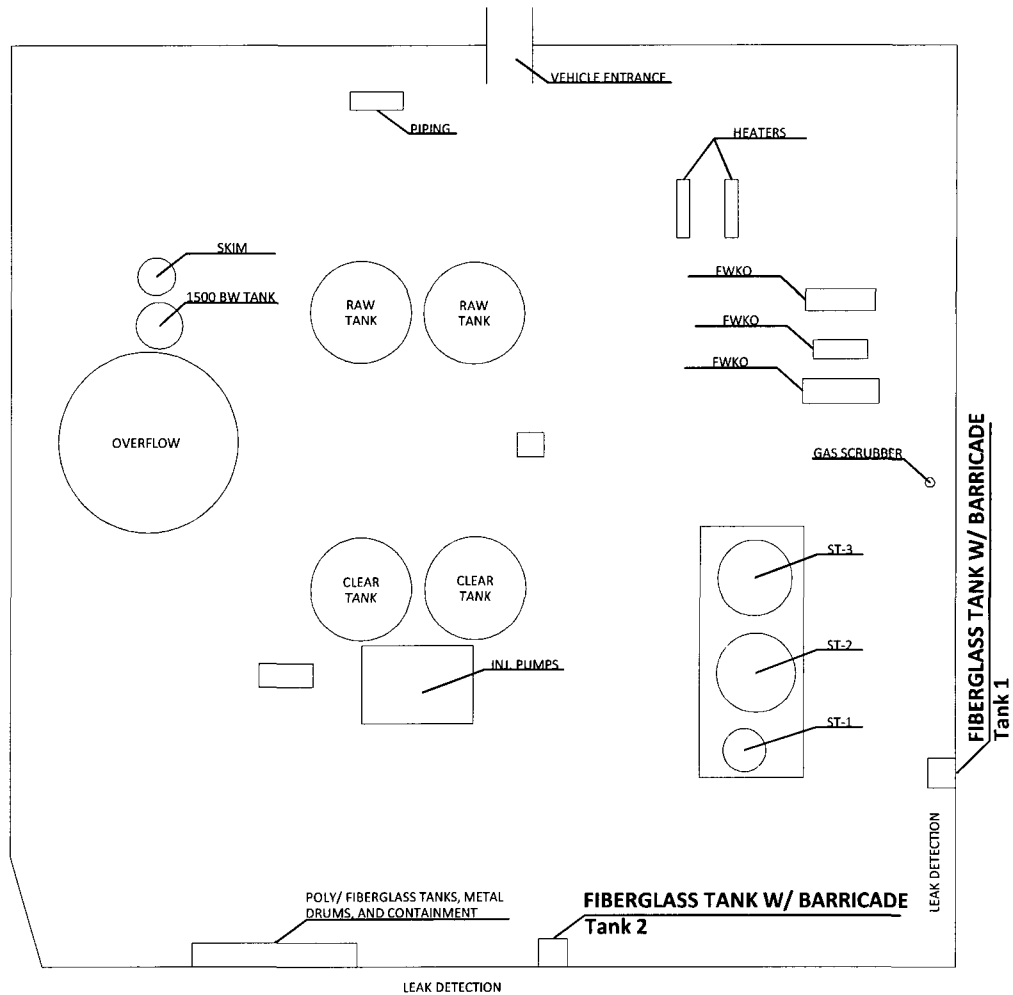
XTO Energy, Inc.
 EMSU - Central Battery
 Unit E, Sec. 4, T-21-S, R-36-E
 Lea County, New Mexico

N 32° 30' 27.93"
 W 103° 16' 33.28"

Larson &
 associates, Inc.
 Environmental Consultants

Figure 2 Aerial

JWW



XTO Energy, Inc.
 EMSU - Central Battery
 Unit E, Sec. 4, T-21-S, R-36-E
 Lea County, New Mexico

N 32° 30' 27.93"
 W 103° 16' 33.28"

Larson & Associates, Inc.
 Environmental Consultants

Figure 3 - Site Drawing



August 19, 2009

VIA: Certified Mail (Return Receipt Requested)

Mr. Patrick Lyons, Commissioner
New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Re: Notice of Below-Grade Tank 2 Closure
XTO Energy, Inc.
Eunice Monument South Unit Central Tank Battery – Tank 2
Unit E (SW/4, NW/4), Section 4
Township 21 South, Range 36 East
Lea County, New Mexico

Dear Commissioner Lyons,

Pursuant to paragraph (1) of Subsection J of 19.15.17.13 NMAC, notice is hereby given to the New Mexico State Land Office (SLO), as surface owner of record, by XTO Energy, Inc. (XTO) of its intent to close a below-grade tank (Tank #2) at the central tank battery (Facility) located in the Eunice Monument South Unit beginning August 26, 2009. The Facility is located in Unit E (SW/4, NW/4), Section 4, Township 21 South, Range 36 East in Lea County, New Mexico. The latitude and longitude is 32° 30' 27.93" north and 103° 16' 33.28" west, respectively. The closure will be performed according to a plan meeting the requirements of Paragraphs (1) through (6) of Subsection E of 19.15.17.13 NMAC that was approved by the New Mexico Oil Conservation Division (OCD) on July 17, 2009. The closure plan may be viewed at the OCD District 1 office located in Hobbs, New Mexico or with the OCD Environmental Bureau in Santa Fe, New Mexico. Please contact myself at (432) 682-8873 or Mark Larson with Larson & Associates, Inc. at (432) 687-0901, if you have questions.

Sincerely,

XTO Energy, Inc.

A handwritten signature in black ink, appearing to read "Clif Green".

Clif Green
Production Superintendent

Cc: Leon Anderson - SLO Hobbs District (w/Return Receipt)
Dudley McMinn - XTO
Mark Larson - Larson & Associates, Inc.



August 19, 2009

VIA: Certified Mail (Return Receipt Requested)

Mr. Larry Hill
District Supervisor
New Mexico Oil Conservation Division
1625 N. French Drive
Hobbs, New Mexico 88240

Re: Notice of Below-Grade Tank 2 Closure
XTO Energy, Inc.
Eunice Monument South Unit Central Tank Battery – Tank 2
Unit E (SW/4, NW/4), Section 4
Township 21 South, Range 36 East
Lea County, New Mexico

Dear Mr. Hill,

Pursuant to paragraph (2) of Subsection J of 19.15.17.13 NMAC, notice is hereby given to the New Mexico Oil Conservation Division (OCD) by XTO Energy, Inc. (XTO) of its intent to close a below-grade tank (Tank #2) at the central tank battery (Facility) located in the Eunice Monument South Unit (EMSU) beginning August 26, 2009. The Facility is located in Unit E (SW/4, NW/4), Section 4, Township 21 South, Range 36 East in Lea County, New Mexico. The latitude and longitude is 32° 30' 27.93" north and 103° 16' 33.28" west, respectively. The nearest well is the EMSU Well no. 626 with API #30-025-31465. The closure will be in accordance with a plan meeting the requirements of Paragraphs (1) through (6) of Subsection E of 19.15.17.11 NMAC that was approved by the OCD Environmental Bureau in Santa Fe, New Mexico, on July 17, 2009. Please contact myself at (432) 682-8873 or Mark Larson with Larson & Associates, Inc. at (432) 687-0901, if you have questions.

Sincerely,

XTO Energy, Inc.

A handwritten signature in cursive script, appearing to read "Clif Green".

Clif Green
Production Superintendent

Cc: Dudley McMinn – XTO Energy
Mark Larson - Larson & Associates, Inc.

Analytical Report 348796

for

Larson & Associates

Project Manager: Michelle Green

XTO-EMSU-Central Tank 2

8-0137

22-OCT-09



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-08-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87428), North Carolina (483), South Carolina (98015), Utah (AAL11), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-08-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)

Xenco-Boca Raton (EPA Lab Code: FL00449): Florida(E86240),

South Carolina(96031001), Louisiana(04154), Georgia(917)



22-OCT-09

Project Manager: **Michelle Green**
Larson & Associates
P.O. Box 50685
Midland, TX 79710

Reference: XENCO Report No: **348796**
XTO-EMSU-Central Tank 2
Project Address:

Michelle Green:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 348796. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 348796 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 348796



Larson & Associates, Midland, TX

XTO-EMSU-Central Tank 2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Central Tank 2	S	Oct-15-09 10:35		348796-001

CASE NARRATIVE



Client Name: Larson & Associates

Project Name: XTO-EMSU-Central Tank 2

Project ID: 8-0137
Work Order Number: 348796

Report Date: 22-OCT-09
Date Received: 10/16/2009

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-777626 BTEX-MTBE EPA 8021B
SW8021BM

Batch 777626, Benzene, Ethylbenzene, Toluene, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 348796-001.

The Laboratory Control Sample for Toluene, Benzene, Ethylbenzene, o-Xylene is within laboratory Control Limits

Batch: LBA-777740 Percent Moisture

None

Batch: LBA-777745 Inorganic Anions by EPA 300

None

Batch: LBA-778126 TPH by EPA 418.1

None



Certificate of Analysis Summary 348796

Larson & Associates, Midland, TX

Project Name: XTO-EMSU-Central Tank 2



Project Id: 8-0137

Contact: Michelle Green

Project Location:

Date Received in Lab: Fri Oct-16-09 03:10 pm

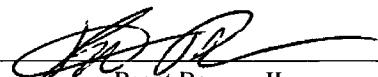
Report Date: 22-OCT-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id: 348796-001 Field Id: Central Tank 2 Depth: Matrix: SOIL Sampled: Oct-15-09 10 35					
Anions by E300	Extracted: Analyzed: Oct-19-09 09 42 Units/RL: mg/kg RL					
Chloride	8 69 4 40					
BTEX by EPA 8021B	Extracted: Oct-17-09 11 00 Analyzed: Oct-17-09 18 12 Units/RL: mg/kg RL					
Benzene	ND 0 0010					
Toluene	ND 0 0021					
Ethylbenzene	ND 0 0010					
m,p-Xylenes	ND 0 0021					
o-Xylene	ND 0 0010					
Total Xylenes	ND 0 0010					
Total BTEX	ND 0 0010					
Percent Moisture	Extracted: Analyzed: Oct-19-09 09 00 Units/RL: % RL					
Percent Moisture	4 46 1 00					
TPH by EPA 418.1	Extracted: Analyzed: Oct-21-09 12 53 Units/RL: mg/kg RL					
TPH, Total Petroleum Hydrocarbons	ND 10 5					

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


Brent Barron, II
Odessa Laboratory Manager

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- BRL** Below Reporting Limit.
- RL** Reporting Limit
- * Outside XENCO's scope of NELAC Accreditation.

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(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116



Form 2 - Surrogate Recoveries

Project Name: XTO-EMSU-Central Tank 2

Work Orders : 348796,

Project ID: 8-0137

Lab Batch #: 777626

Sample: 540830-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 10/17/09 12:31

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0 0298	0 0300	99	80-120	
4-Bromofluorobenzene	0 0311	0 0300	104	80-120	

Lab Batch #: 777626

Sample: 540830-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 10/17/09 12:53

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0 0296	0 0300	99	80-120	
4-Bromofluorobenzene	0 0311	0 0300	104	80-120	

Lab Batch #: 777626

Sample: 540830-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 10/17/09 13:35

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0 0267	0 0300	89	80-120	
4-Bromofluorobenzene	0 0308	0 0300	103	80-120	

Lab Batch #: 777626

Sample: 348796-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 10/17/09 18:12

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0 0270	0 0300	90	80-120	
4-Bromofluorobenzene	0 0310	0 0300	103	80-120	

Lab Batch #: 777626

Sample: 348710-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 10/17/09 20:19

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0 0286	0 0300	95	80-120	
4-Bromofluorobenzene	0 0314	0 0300	105	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits, data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes



Form 2 - Surrogate Recoveries

Project Name: XTO-EMSU-Central Tank 2

Work Orders : 348796,

Project ID: 8-0137

Lab Batch #: 777626

Sample: 348710-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 10/17/09 20:40

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1,4-Difluorobenzene		0 0285	0 0300	95	80-120	
4-Bromofluorobenzene		0 0317	0 0300	106	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes



Blank Spike Recovery



Project Name: XTO-EMSU-Central Tank 2

Work Order #: 348796

Project ID:

8-0137

Lab Batch #: 777745

Sample: 777745-1-BKS

Matrix: Solid

Date Analyzed: 10/19/2009

Date Prepared: 10/19/2009

Analyst: LATCOR

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Anions by E300 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	10.0	9.98	100	75-125	

Blank Spike Recovery [D] = $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes

BRL - Below Reporting Limit



BS / BSD Recoveries



Project Name: XTO-EMSU-Central Tank 2

Work Order #: 348796

Analyst: ASA

Date Prepared: 10/17/2009

Project ID: 8-0137

Date Analyzed: 10/17/2009

Lab Batch ID: 777626

Sample: 540830-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B											
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Benzene	ND	0 1000	0 0826	83	0 1	0 0785	79	5	70-130	35	
Toluene	ND	0 1000	0 0819	82	0 1	0 0777	78	5	70-130	35	
Ethylbenzene	ND	0 1000	0 0835	84	0 1	0 0791	79	5	71-129	35	
m,p-Xylenes	ND	0 2000	0 1852	93	0 2	0 1754	88	5	70-135	35	
o-Xylene	ND	0 1000	0 0890	89	0 1	0 0847	85	5	71-133	35	

Analyst: ASA

Date Prepared: 10/21/2009

Date Analyzed: 10/21/2009

Lab Batch ID: 778126

Sample: 778126-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by EPA 418.1											
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
TPH, Total Petroleum Hydrocarbons	ND	2500	2430	97	2500	2320	93	5	65-135	35	

Relative Percent Difference RPD = $200 * [(C-F)/(C+F)]$

Blank Spike Recovery [D] = $100 * (C)/[B]$

Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$

All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: XTO-EMSU-Central Tank 2



Work Order #: 348796

Lab Batch #: 777745

Date Analyzed: 10/19/2009

Date Prepared: 10/19/2009

Project ID: 8-0137

Analyst: LATCOR

QC- Sample ID: 348726-001 S

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	102	212	293	90	75-125	

Matrix Spike Percent Recovery [D] = $100 \times (C-A)/B$
Relative Percent Difference [E] = $200 \times (C-A)/(C+B)$
All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Form 3 - MS / MSD Recoveries

Project Name: XTO-EMSU-Central Tank 2



Work Order #: 348796

Project ID: 8-0137

Lab Batch ID: 777626

QC- Sample ID: 348710-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 10/17/2009

Date Prepared: 10/17/2009

Analyst: ASA

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0 1166	0 0733	63	0 1166	0 0738	63	1	70-130	35	X
Toluene	ND	0 1166	0 0735	63	0 1166	0 0743	64	1	70-130	35	X
Ethylbenzene	ND	0 1166	0 0747	64	0 1166	0 0740	63	1	71-129	35	X
m,p-Xylenes	ND	0 2332	0 1649	71	0 2332	0 1632	70	1	70-135	35	
o-Xylene	ND	0 1166	0 0791	68	0 1166	0 0780	67	1	71-133	35	X

Lab Batch ID: 778126

QC- Sample ID: 348795-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 10/21/2009

Date Prepared: 10/21/2009

Analyst: ASA

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by EPA 418.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH, Total Petroleum Hydrocarbons	ND	2880	2950	102	2880	2940	102	0	65-135	35	

Matrix Spike Percent Recovery $[D] = 100 \cdot (C-A)/B$
Relative Percent Difference $RPD = 200 \cdot |(C-F)/(C+F)|$

Matrix Spike Duplicate Percent Recovery $[G] = 100 \cdot (F-A)/E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit



Sample Duplicate Recovery



Project Name: XTO-EMSU-Central Tank 2

Work Order #: 348796

Lab Batch #: 777745

Project ID: 8-0137

Date Analyzed: 10/19/2009

Date Prepared: 10/19/2009

Analyst: LATCOR

QC- Sample ID: 348726-001 D

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Anions by E300	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	102	101	1	20	

Lab Batch #: 777740

Date Analyzed: 10/19/2009

Date Prepared: 10/19/2009

Analyst: LATCOR

QC- Sample ID: 348724-001 D

Batch #: 1

Matrix: Soil

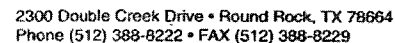
Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	12.0	12.2	2	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$

All Results are based on MDL and validated for QC purposes

BRL - Below Reporting Limit



№ 41848

CHAIN-OF-CUSTODY

348796

[illegible]

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client Larson & Assoc
 Date/ Time 10-16-09 15:10
 Lab ID # 348796
 Initials AL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	26 °C
#2	Shipping container in good condition?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
#3	Custody Seals intact on shipping container/ cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Not Present
#4	Custody Seals intact on sample bottles/ container?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Not Present
#5	Chain of Custody present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
#6	Sample instructions complete of Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
#7	Chain of Custody signed when relinquished/ received?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
#8	Chain of Custody agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	ID written on Cont / Lid
#9	Container label(s) legible and intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
#11	Containers supplied by ELQT?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
#12	Samples in proper container/ bottle?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	See Below
#13	Samples properly preserved?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	See Below
#14	Sample bottles intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
#15	Preservations documented on Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
#16	Containers documented on Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
#17	Sufficient sample amount for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	See Below
#18	All samples received within sufficient hold time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	See Below
#19	Subcontract of sample(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Not Applicable
#20	VOC samples have zero headspace?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Not Applicable

Variance Documentation

Contact _____ Contacted by _____ Date/ Time _____

Regarding _____

Corrective Action Taken: _____

- Check all that Apply
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event

RECEIVED

1RP-09-09-2286

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

SEP 30 2009

HOBBSOCD

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 Permian Division-SE New Mexico	Contact: Rick Wilson/Production Foreman	
Address: P.O. Box 700, Eunice, New Mexico 88231	Telephone No.: (575) 394-2089	
Facility Name: EMSU-Central Battery Tank 2	Facility Type: Tank Battery-Nearest Well is EMSU Well #626 (API #30-025-31465)	
Surface Owner: State of New Mexico	Mineral Owner	Lease No.:

LOCATION OF RELEASE

Unit Letter Unit E	Section 4	Township 21S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
-----------------------	--------------	-----------------	--------------	---------------	------------------	---------------	----------------	---------------

Latitude: 32° 30' 27.93" N Longitude: 103° 16' 33.28" W

NATURE OF RELEASE


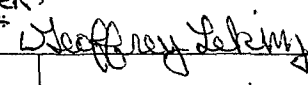
Type of Release: Crude Oil & Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date & Hour of Occurrence: Unknown	Date and Hour of Discovery: 8/26/09/8:00 am MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.: Below Grade Tank removed per OCD approved closure plan. Oil & produced water was incidentally released to adjacent soil when discharge line was disconnected for below grade tank. A flange blind cover was installed to discharge line flange to prevent further leakage of fluid. Initial composite sample (5-spot) from soils directly beneath the tank and leak detection system showed evidence of release. Discreet sample from stained area indicates release of hydrocarbons & chlorides to adjacent soil.

Describe Area Affected and Cleanup Action Taken.: *Impact limited to exposed soil on excavation north wall and adjacent to discharge line piping. No cleanup action was taken at this time. XTO proposes to excavate the TPH (27,900 mg/Kg) and Chlorides (334 mg/Kg) at location Tank-2 North Wall to delineate the TPH and Chlorides by field methods and collect a composite sample for laboratory confirmation when field observations indicate that the extent of contamination has been obtained.

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: 		OIL CONSERVATION DIVISION	
Printed Name: John Ferguson, Larson & Associates, Inc. (Consultant)		Approved by ENV ENGINEER: District Supervisor: 	
Title: Hydrogeologist		Approval Date: 09/30/09	Expiration Date: 11/30/09
E-mail Address: john@laenvironmental.com		Conditions of Approval:	
Date: 9/16/09 Phone: (432) 687-0901		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

1RP-09-09-2286

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
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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 Permian Division-SE New Mexico	Contact: Rick Wilson/Production Foreman
Address: P.O. Box 700, Eunice, New Mexico 88231	Telephone No.: (575) 394-2089
Facility Name: EMSU-Central Battery Tank 2	Facility Type: Tank Battery-Nearest Well is EMSU Well #626 (API #30-025-31465)
Surface Owner: State of New Mexico	Mineral Owner
Lease No.:	

LOCATION OF RELEASE

Unit Letter Unit E	Section 4	Township 21S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
-----------------------	--------------	-----------------	--------------	---------------	------------------	---------------	----------------	---------------

Latitude: 32° 30' 27.93" N Longitude: 103° 16' 33.28" W

NATURE OF RELEASE

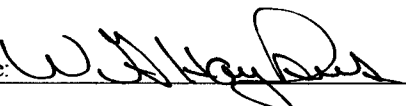
Type of Release: Crude Oil & Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date & Hour of Occurrence: Unknown	Date and Hour of Discovery: 8/26/09/8:00 am MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully. *

Describe Cause of Problem and Remedial Action Taken.: Below Grade Tank removed per OCD approved closure plan. Oil & produced water was incidentally released to adjacent soil when discharge line was disconnected for below grade tank. A flange blind cover was installed to discharge line flange to prevent further leakage of fluid. Initial composite sample (5-spot) from soils directly beneath the tank and leak detection system showed evidence of release. Discrete sample from stained area indicates release of hydrocarbons & chlorides to adjacent soil.

Describe Area Affected and Cleanup Action Taken.: *Impact limited to exposed soil on excavation north wall and adjacent to discharge line piping. The North wall area was excavated and sampled on October 15, 2009. The TPH (<10.5 ppm) and Chlorides (8.7 ppm) were below the recommended remediation action level.

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: 	OIL CONSERVATION DIVISION	
Printed Name: Guy Haykus - XTO Energy	Approved by District Supervisor:	
Title: <u>Production Superintendent</u>	Approval Date:	Expiration Date:
E-mail Address: William_haykus@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/26/09 Phone: (432) 682.8873		

Attach Additional Sheets If Necessary