

District I  
1625 N French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S St. Francis Dr., Santa Fe, NM 87504

State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised March 17, 1999

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87504

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

Release Notification and Corrective Action

OPERATOR

☒ Final Report

☐ Initial Report

Name of Company XTO ENERGY INC	Contact John Weaver
Address 2700 Farmington Ave, Bldg K, Ste 1, Farmington, NM 87401	Telephone No. 505-324-1090
Facility Name Jack Frost B #1E ✓	Facility Type Oil & gas tank battery

Surface Owner BLM	Mineral Owner BLM	Lease No. NMSF077951A
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LOCATION OF RELEASE

Unit Letter M	Section 27	Township 27N	Range 10W	Feet from the 615 ✓	North/South Line South	Feet from the 810 ✓	East/West Line West	County San Juan
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NATURE OF RELEASE

Type of Release Oil & produced water	Volume of Release 190	Volume Recovered 92
Source of Release Production stock tank	Date and Hour of Occurrence Est a.m. 1/31/02	Date and Hour of Discovery 6:00 p.m. 1/31/02
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Denny Foust - NMOCD	
By Whom? Nelson-Velez - Blagg Engineering	Date and Hour 6:30 p.m. 1/31/02	
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.\* Production stock tank oil sales line valve froze and cracked leaking liquids into the berm area. A new valve is being installed and after the recovery of liquid from the ground, the water in the tank will be drained and disposed. Prevention can be made by attempting to minimize the water in the tanks to prevent a freezing fluid in the valves.

Describe Area Affected and Cleanup Action Taken.\* Release was contained inside of berm area. Had water truck suck up as much standing fluid as possible, and return to stock tank. Remove contaminated soil with backhoe, and farm out on location. Received approval from Nelson Velez with Blagg Eng. To begin backfilling. Spread 1 bag fertilizer on affected area, Backfilled with clean soil on location.

*A Hatchments came in later*

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: *John K. Weaver*

Printed Name: John K. Weaver

Approved by *Denny Foust*  
District Supervisor: *for Frank Chavez*

Title: Production Foreman

Approval Date: *02/06/02* Expiration Date:

Date: *2-4-02* Phone: 505-324-1090


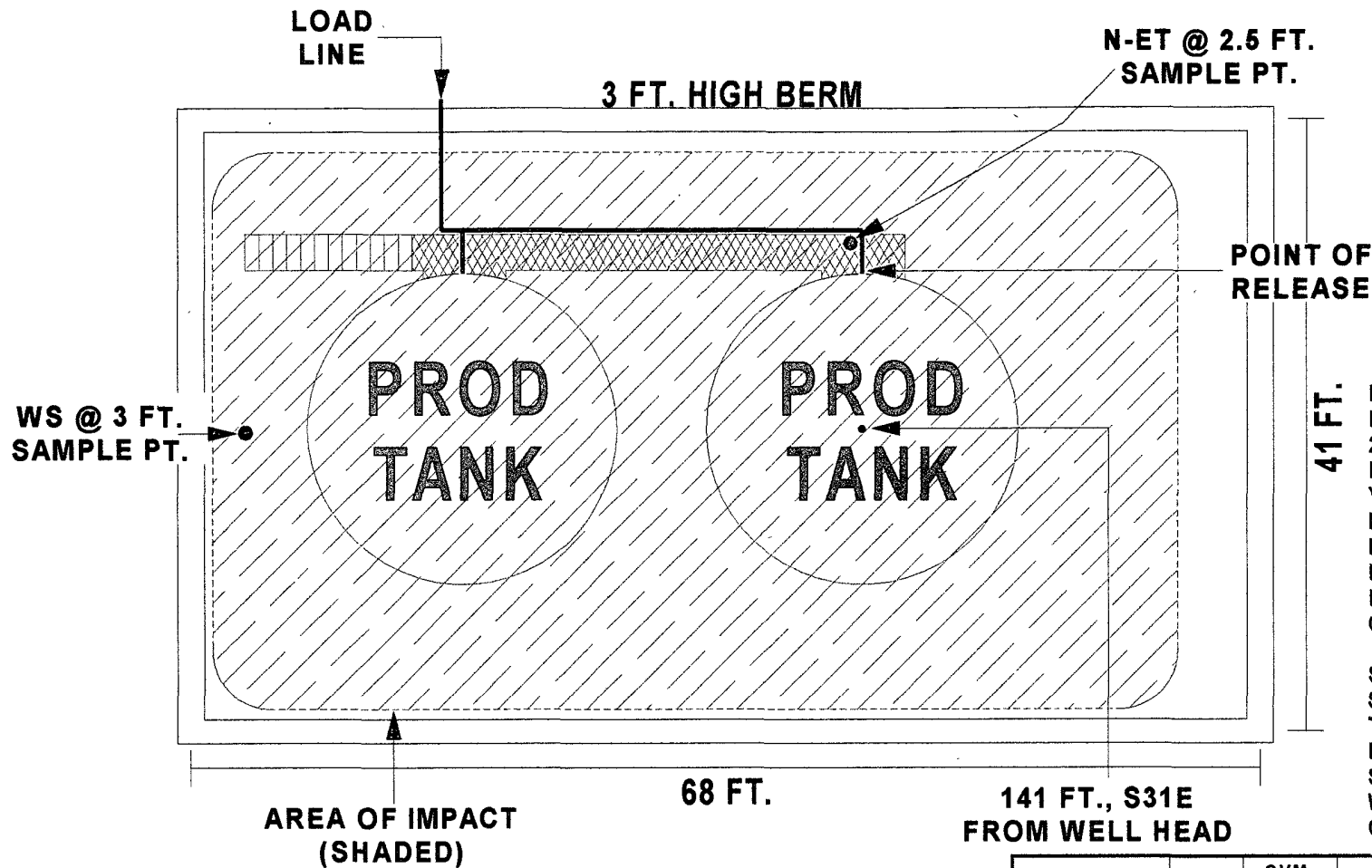
Conditions of Approval:

☐ Attached

*NDCFO203241984*

# FIGURE 1

TECD / SAN JUAN  
FEB 8 2000

**NOTES:**  
BEDROCK ENCOUNTERED 2.6 FT. BELOW GRADE @ POINT OF RELEASE. DARK YELLOWISH ORANGE, VERY HARD, WET FROM TANK DISCHARGE CONTENT, HYDROCARBON ODOR EVIDENT WITHIN SAMPLE COLLECTED (N-ET @ 2.5 FT.)

SOIL FROM WS @ 3 FT. SAMPLE POINT - MEDIUM TO DARK YELLOWISH BROWN SILTY SAND TO SILTY CLAY, PLASTIC, WET, HYDROCARBON ODOR EVIDENT.

SAMPLE ID	TIME	OVM (ppm)	TPH (ppm)	BENZENE (ppb)	TOTAL BTEX (ppb)
WS @ 3 FT.	2:55	32.3	ND	ND	ND
N-ET @ 2.5 FT.	3:00	24.8	ND	ND	92.9

**NMOC D CLOSURE STANDARDS FOR SITE**

100.0	5,000	10,000	50,000
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OVM = ORGANIC VAPOR METER, TPH = TOTAL PETROLEUM HYDROCARBONS, BTEX = BENZENE, TOLUENE, ETHYLBENZENE, & TOTAL XYLENES, ppm = PARTS PER MILLION, ppb = PARTS PER BILLION, NMOC D = NEW MEXICO OIL CONSERVATION DIVISION.

**MAP NOT TO SCALE**

XTO ENERGY, INC.

JACK FROST B # 1E

SW/4 SW/4 SEC. 27, T27N, R10W, NMPPM

SAN JUAN COUNTY, NEW MEXICO

**BLAGG ENGINEERING, INC.**

CONSULTING PETROLEUM / RECLAMATION SERVICES

P.O. BOX 87

BLOOMFIELD, NEW MEXICO 87413

PHONE: (505) 632-1199

PROJECT: SPILL CLEANUP

DRAWN BY: NJV

FILENAME: JF-B1E-SM.SKF

**SITE MAP**

02/02

EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

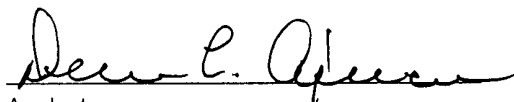
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	WS @ 3'	Date Reported:	02-05-02
Laboratory Number:	21997	Date Sampled:	02-01-02
Chain of Custody No:	9713	Date Received:	02-04-02
Sample Matrix:	Soil	Date Extracted:	02-05-02
Preservative:	Cool	Date Analyzed:	02-05-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

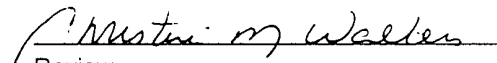
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Jack Frost B #1E Tank Spill Grab Sample WS = West Side.

  
Analyst

  
Review

# ENVIROTECH LABS

**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	WS @ 3'	Date Reported:	02-05-02
Laboratory Number:	21997	Date Sampled:	02-01-02
Chain of Custody:	9713	Date Received:	02-04-02
Sample Matrix:	Soil	Date Analyzed:	02-05-02
Preservative:	Cool	Date Extracted:	02-05-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	ND	2.2
o-Xylene	ND	1.0
Total BTEX	ND	

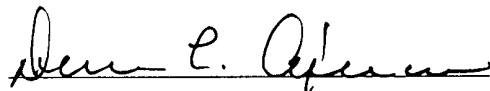
ND - Parameter not detected at the stated detection limit.

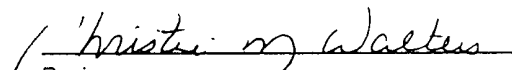
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: Jack Frost B #1E Tank Spill Grab Sample WS=West Side.

  
Analyst

  
Review

# ENVIROTECH LABS

**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

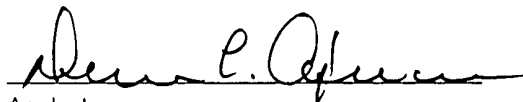
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	N-ET @ 2.5'	Date Reported:	02-05-02
Laboratory Number:	21998	Date Sampled:	02-01-02
Chain of Custody No:	9713	Date Received:	02-04-02
Sample Matrix:	Soil	Date Extracted:	02-05-02
Preservative:	Cool	Date Analyzed:	02-05-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

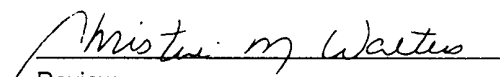
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Jack Frost B #1E Tank Spill**    **Grab Sample N-ET = North of East Tank.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	N-ET @ 2.5'	Date Reported:	02-05-02
Laboratory Number:	21998	Date Sampled:	02-01-02
Chain of Custody:	9713	Date Received:	02-04-02
Sample Matrix:	Soil	Date Analyzed:	02-05-02
Preservative:	Cool	Date Extracted:	02-05-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	64.6	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	24.0	2.2
o-Xylene	4.3	1.0
Total BTEX	92.9	

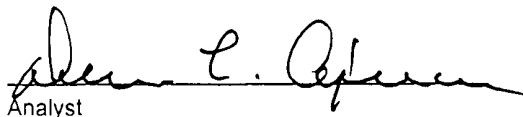
ND - Parameter not detected at the stated detection limit.

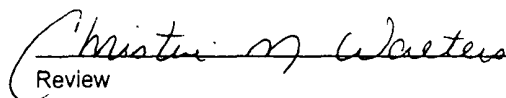
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

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: Jack Frost B #1E Tank Spill    Grab Sample N-ET = North of East Tank.

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

09713

Client / Project Name <b>BLISS / XTO ENERGY</b>			Project Location <b>TANK SPILL TACK FROST B #1E</b>		ANALYSIS / PARAMETERS								
Sampler: <b>NJV</b>			Client No. <b>94834-010</b>		No. of Containers	TPH (80158)	BTEX (80218)					Remarks	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								GRAB SAMPLES	
												PRESERVED COOL	
WS @ 3'	2/1/02	1455	21998	SOIL	1	✓	✓					WS = WEST SIDE	
N-ET @ 2.5'	2/1/02	1500	21998	SOIL	1	✓	✓					N-ET = NORTH OF EAST TANK	
Relinquished by: (Signature) <i>[Signature]</i>			Date 2/4/02	Time 0729	Received by: (Signature) <i>[Signature]</i>			Date 2-4-02	Time 729				
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								
<b>ENVIROTECH INC.</b> 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615										Sample Receipt			
											Y	N	N/A
										Received Intact	✓		
										Cool - Ice/Blue Ice	✓		