

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-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: **XTO ENERGY INC.** Telephone: **(505)-324-1090** e-mail address: _____
Address: **2700 FARMINGTON AVE., BLDG. K, SUITE 1, FARMINGTON, NM 87401**
Facility or well name: **OHIO D GOVT #1A** API #: **30-045- 22998** U/L or Qtr/Qtr **F** Sec **8** T **31N** R **12W**
County: **SAN JUAN** Latitude **36.91589** Longitude **108.12195** NAD. 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank	
Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> BLOW Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> STEEL TANK Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume _____ bbl Type of fluid: N/A Construction material: N/A Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points) 0
	100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No	(0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points) 0
	1000 feet or more	(0 points)
Ranking Score (Total Points)		0

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: PIT LOCATED APPROXIMATELY 52 FT. S3E FROM WELL HEAD.
PIT EXCAVATION: WIDTH NA ft., LENGTH NA ft., DEPTH NA ft. .
PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/>, LANDFARM: <input type="checkbox"/>, COMPOST: <input type="checkbox"/>, STOCKPILE: <input type="checkbox"/>, OTHER <input type="checkbox"/> (explain)
Cubic yards: <input type="checkbox"/> NA

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an alternative OCD-approved plan ☐

05/16/06

Date: _____

Jeff Blagg – P.E. # 11607

PrintedName/Title _____ Signature *Jeff Blagg*

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: **Deputy Oil & Gas Inspector,**
Printed Name/Title **District #3** Signature *[Signature]* Date: **SEP 10 2007**

CLIENT: XTO
BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199
LOCATION NO: CT177COCR NO: 14629**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1
 LOCATION: NAME: 0410 D GOVT WELL #: 1A TYPE: BLOW
 QUAD/UNIT: F SEC. 8 TWP 31N RNG 12W PM: NM CNTY: ST ST: NM
 QTR/FOOTAGE: 1800N/1650W SEINW CONTRACTOR: HDL (DAVE)
DATE STARTED: 5/10/06

DATE FINISHED: _____

ENVIRONMENTAL SPECIALIST: NVEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NADISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE LEASE: NM 02123 FORMATION: MVFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 52 FT. S 3 E FROM WELLHEAD.DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1,000' NEAREST SURFACE WATER: >1,000'NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD 5,000 PPM
 SOIL AND EXCAVATION DESCRIPTION: ELEV. - 5,913'
 OVM CALIB. READ. = 53.0 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 4:10 am/pm DATE: 5/10/06
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERSOIL COLOR: MOSTLY MED. GRAY SOME BLACK @ TANK BOTTOMCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSEPLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTICDENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARDMOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION: ENTIRE TEST HOLE INTERVAL BELOW TANK BOTTOM.HC ODOR DETECTED: YES / NO EXPLANATION: TEST HOLE & OVM SAMPLESAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 1ADDITIONAL COMMENTS: ADVANCED TEST HOLE ADJACENT TO FIBERGLASS TANK AT MAX. PRACTICAL EXTENT OF EQUIPMENT (BACKHOE).CLOSED

SCALE



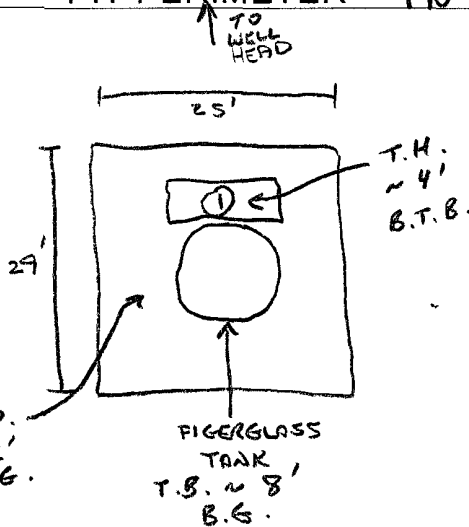
0 FT

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER

↑ N

OVM
READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 12'	871
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 12'	TPH (80158)	1604
"	BTEX (80218)	"
	<u>PASSED</u>	

PIT PROFILE

NOT APPLICABLE

 P.D. = PIT DEPRESSION, B.G. = BELOW GRADE, B = BELOW
 T.H. = TEST HOLE, ~ = APPROX, T.B. = TANK BOTTOM

TRAVEL NOTES:

CALLOUT: 5/10/06 - AFTER. ONSITE: 5/10/06 - AFTER.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

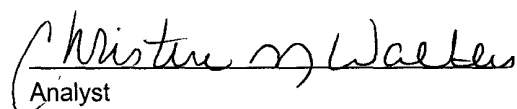
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 12'	Date Reported:	05-16-06
Laboratory Number:	37104	Date Sampled:	05-10-06
Chain of Custody No:	14629	Date Received:	05-11-06
Sample Matrix:	Soil	Date Extracted:	05-15-06
Preservative:	Cool	Date Analyzed:	05-15-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

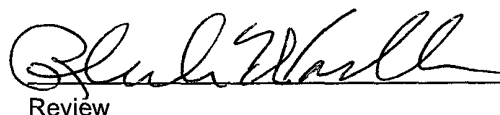
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	548	0.2
Diesel Range (C10 - C28)	859	0.1
Total Petroleum Hydrocarbons	1,410	0.2

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: **Ohio D Govt #1A Grab Sample Blow Pit.**


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:	1 @ 12'	Date Reported:	05-16-06
Laboratory Number:	37104	Date Sampled:	05-10-06
Chain of Custody:	14629	Date Received:	05-11-06
Sample Matrix:	Soil	Date Analyzed:	05-15-06
Preservative:	Cool	Date Extracted:	05-15-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	109	1.8
Toluene	491	1.7
Ethylbenzene	2,380	1.5
p,m-Xylene	11,200	2.2
o-Xylene	1,760	1.0
Total BTEX	15,900	

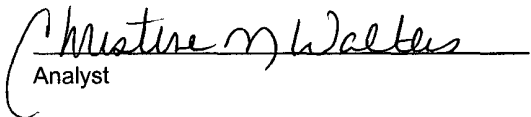
ND - Parameter not detected at the stated detection limit.

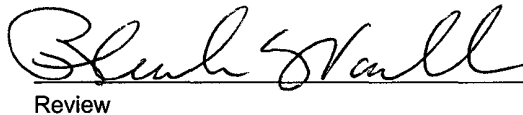
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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: Ohio D Govt #1A Grab Sample Blow Pit.


Analyst


Review

CHAIN OF CUSTODY RECORD

14629

Client / Project Name BLAGE / XTO ENERGY			Project Location OHIO D GOVT. #1A		ANALYSIS / PARAMETERS								
Sampler: NV			Client No. 94034-010		No. of Containers TPH (8015B)	BTEX (8021B)					Remarks PRESERVED COOL		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix							GRAB SAMPLE		
① @ 12'	5/10/06	1604	37104	SOIL	1	✓	✓				BLOW PIT		
Relinquished by: (Signature) [Signature]			Date 5/11/06	Time 1340	Received by: (Signature) [Signature]					Date 5/11/06	Time 1340		
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										Sample Receipt			
											Y	N	N/A
										Received Intact	✓		
										Cool - Ice/Blue Ice	✓		

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:	05-15-06 QA/QC	Date Reported:	05-16-06
Laboratory Number:	37104	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-15-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	02-04-05	1.9710E+003	1.9729E+003	0.10%	0 - 15%
Diesel Range C10 - C28	02-04-05	2.0416E+003	2.0457E+003	0.20%	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

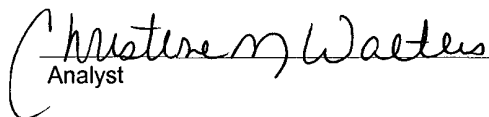
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	548	545	0.6%	0 - 30%
Diesel Range C10 - C28	859	854	0.6%	0 - 30%

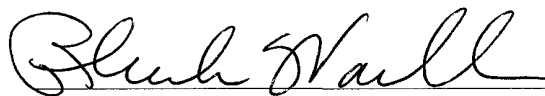
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	548	250	796	99.7%	75 - 125%
Diesel Range C10 - C28	859	250	1,110	100.1%	75 - 125%

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 37104 - 37106, 37117 - 37120, 37123 - 37125.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-15-BTEX QA/QC	Date Reported:	05-16-06
Laboratory Number:	37104	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-15-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	5.8719E+007	5.8836E+007	0.2%	ND	0.2
Toluene	7.7866E+007	7.8022E+007	0.2%	ND	0.2
Ethylbenzene	4.5476E+007	4.5567E+007	0.2%	ND	0.2
p,m-Xylene	1.5203E+008	1.5234E+008	0.2%	ND	0.2
o-Xylene	7.6123E+007	7.6275E+007	0.2%	ND	0.1

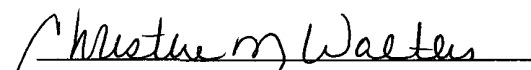
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	109	109	0.0%	0 - 30%	1.8
Toluene	491	486	1.0%	0 - 30%	1.7
Ethylbenzene	2,380	2,360	0.8%	0 - 30%	1.5
p,m-Xylene	11,200	11,200	0.0%	0 - 30%	2.2
o-Xylene	1,760	1,750	0.6%	0 - 30%	1.0

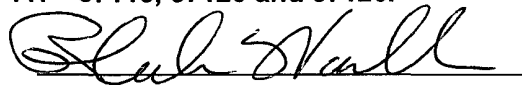
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	109	50.0	159	99.9%	39 - 150
Toluene	491	50.0	540	99.8%	46 - 148
Ethylbenzene	2,380	50.0	2,430	100.0%	32 - 160
p,m-Xylene	11,200	100	11,300	100.0%	46 - 148
o-Xylene	1,760	50.0	1,810	100.0%	46 - 148

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 37104 - 37106, 37117 - 37118, 37120 and 37126.


Analyst


Review