

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

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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: **SCOTT E. FEDERAL 22 #32** API #: **30-045- 28257** U/L or Qtr/Qtr **G** Sec **22** T **27N** R **11W**
County: **SAN JUAN** Latitude **36.55790** Longitude **107.98660** 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"/> PROD. TANK Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> FIBERGLASS TANK Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ 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 144 FT. S5W FROM WELL HEAD.**
PIT EXCAVATION: WIDTH NA ft., LENGTH NA ft., DEPTH NA ft.
PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)
Cubic yards: **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 ☐

Date: **02/08/06**

PrintedName/Title **Jeff Blagg - P.E. # 11607**

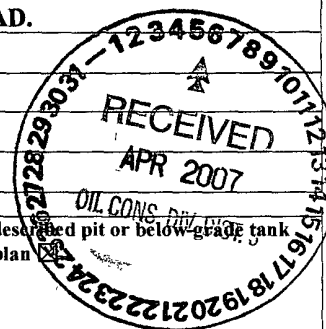
Signature _____

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 _____

Date: **SEP 10 2007**



CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CT166</u> COCR NO: <u>15514</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: <u>SCOTT E. FEDERAL 22</u> WELL #: <u>32</u> TYPE: <u>PROD</u> QUAD/UNIT: <u>G SEC: 22 TWP: 27N RNG: 11W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1780FNL x 1480 FEL</u> ^{SW 1/4} CONTRACTOR: <u>CORE</u>	DATE STARTED: <u>2-6-06</u> DATE FINISHED: <u>2-6-06</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE-BLM LEASE: SF-078079 FORMATION: FC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 144 FT. SSW FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____

SOIL COLOR: LTP Tan

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES NO EXPLANATION: _____

HC ODOR DETECTED: YES NO EXPLANATION: _____

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. —

ADDITIONAL COMMENTS: 10 ± BBL Fiberglass tank set flush grade.
USE Backhoe to Dig out Tank & Sample. NO evidence
of contamination.

OVM CALIB. READ = 54.0 ppm

OVM CALIB. GAS = 100 ppm RF = 0.52

TIME: 1300 (am/pm) DATE: 2-6

SCALE

0 1 FT

↑ N

PIT PERIMETER

FIELD 418.1 CALCULATIONS

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

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
CET	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
CET	TPH	1220
	BTEX	
	CL-	

PASSED

PIT PROFILE

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

TRAVEL NOTES: CALLOUT: _____ ONSITE: 2/6/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

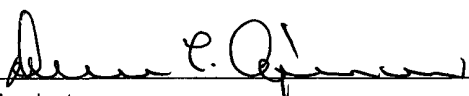
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	22 - 32 Prod.	Date Reported:	02-08-06
Laboratory Number:	36157	Date Sampled:	02-06-06
Chain of Custody No:	15514	Date Received:	02-07-06
Sample Matrix:	Soil	Date Extracted:	02-07-06
Preservative:	Cool	Date Analyzed:	02-08-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

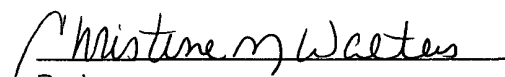
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Scott E Federal C @ 7'.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	22 - 32 Prod.	Date Reported:	02-08-06
Laboratory Number:	36157	Date Sampled:	02-06-06
Chain of Custody:	15514	Date Received:	02-07-06
Sample Matrix:	Soil	Date Analyzed:	02-08-06
Preservative:	Cool	Date Extracted:	02-07-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	6.2	1.7
Ethylbenzene	4.2	1.5
p,m-Xylene	ND	2.2
o-Xylene	ND	1.0
Total BTEX	10.4	

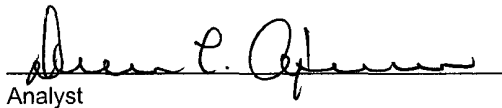
ND - Parameter not detected at the stated detection limit.

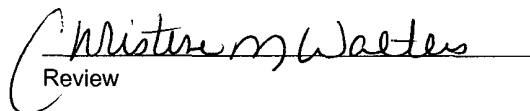
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Scott E Federal C @ 7'


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

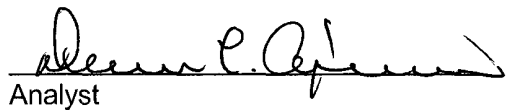
Chloride

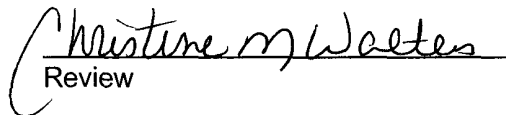
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	22-32 Prod.	Date Reported:	02-08-06
Lab ID#:	36157	Date Sampled:	02-06-06
Sample Matrix:	Soil	Date Received:	02-07-06
Preservative:	Cool	Date Analyzed:	02-08-06
Condition:	Cool and Intact	Chain of Custody:	15514

Parameter	Concentration (mg/Kg)
Total Chloride	0.8

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Scott E Federal C @ 7'.


Analyst


Review

CHAIN OF CUSTODY RECORD

15514

Client / Project Name BAGG / XTO			Project Location SCOTT E FEDERAL		ANALYSIS / PARAMETERS								
Sampler: J-C. Bagg			Client No. 94034-010		No. of Containers	TPH 8015	BTEX 8021	CL-				Remarks	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									
22-32 Prod.	2/6/07	1220	36157	SOIL	1	X	X	X				C @ 7'	
22-23 Prod.	"	1245	36158	"	1	X	X	X				C @ 7'	
Relinquished by: (Signature) J-C. Bagg			Date 2/7/06	Time 1455	Received by: (Signature) Christine M. Walters			Date 2/7/06	Time 1455				
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	<input checked="" type="checkbox"/>		
										Cool - Ice/Blue Ice	<input checked="" type="checkbox"/>		

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:	02-08-06 QA/QC	Date Reported:	02-08-06
Laboratory Number:	36150	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-08-06
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	9.9237E+002	9.9337E+002	0.10%	0 - 15%
Diesel Range C10 - C28	02-04-05	1.0044E+003	1.0064E+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

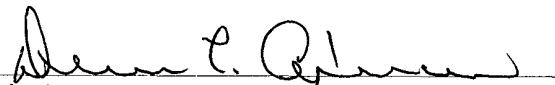
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	32.9	33.2	0.9%	0 - 30%

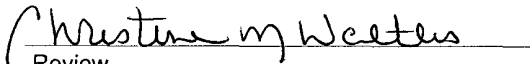
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100.0%	75 - 125%
Diesel Range C10 - C28	32.9	250	282	99.8%	75 - 125%

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 36150 - 36151, 36153 - 36154, 36156 - 36161.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-08-BTEX QA/QC	Date Reported:	02-08-06
Laboratory Number:	36150	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-08-06
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	1.3635E+007	1.3663E+007	0.2%	ND	0.2
Toluene	2.3246E+007	2.3293E+007	0.2%	ND	0.2
Ethylbenzene	1.9107E+007	1.9146E+007	0.2%	ND	0.2
p,m-Xylene	4.1729E+007	4.1812E+007	0.2%	ND	0.2
o-Xylene	1.9115E+007	1.9153E+007	0.2%	ND	0.1

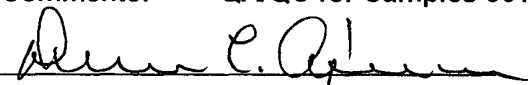
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	9.2	9.1	1.1%	0 - 30%	1.7
Ethylbenzene	4.3	4.2	2.3%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

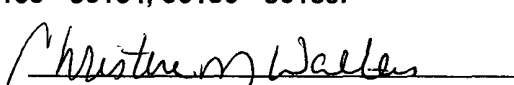
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	9.2	50.0	59.1	99.8%	46 - 148
Ethylbenzene	4.3	50.0	54.2	99.8%	32 - 160
p,m-Xylene	ND	100	99.9	99.9%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

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 36150 - 36151, 36153 - 36154, 36156 - 36159.


Analyst


Review