

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

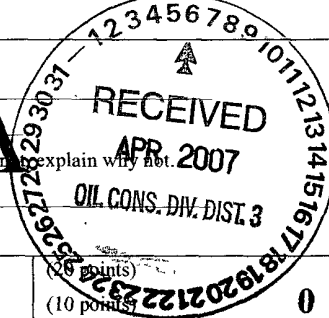
Form C-144
June 1, 2004

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: STATE GC BB #1 API #: 30-045- 10701 U/L or Qtr/Qtr M Sec 16 T 31N R 12W			
County: SAN JUAN Latitude 36.89426 Longitude 108.10638 NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>			
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> COMPR/PROD. 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 _____ ml Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If no, 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) 100 feet or more (0 points)		0
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) 1000 feet or more (0 points)		0
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 **JFJ LF - CROUCH MESA**. (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 165 FT. S53W FROM WELL HEAD.
PIT EXCAVATION: WIDTH NA ft., LENGTH NA ft., DEPTH NA ft.
PIT REMEDIATION: CLOSE AS IS: <input type="checkbox"/>, LANDFARM: <input checked="" type="checkbox"/>, COMPOST: <input type="checkbox"/>, STOCKPILE: <input type="checkbox"/>, OTHER <input type="checkbox"/> (explain)
Cubic yards: <u>110</u>

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: **01/12/06**

Date: _____

Jeff Blagg - P.E. # 11607

PrintedName/Title

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,
District #3**

Printed Name/Title

Signature

Date: _____

SEP 10 2007

CLIENT: XTO

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: CT183COCR NO: 14638**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: STATE GC BB WELL #: 1 TYPE: COMPR./PROD.DATE STARTED 7/10/06QUAD/UNIT M SEC: 16 TWP 31N RNG 12W PM: NM CNTY SJ ST NM

DATE FINISHED

QTR/FOOTAGE: 800'S/1190'W SW/5W CONTRACTOR SIERRAENVIRONMENTAL SPECIALIST NVEXCAVATION APPROX. 19 FT. x 19 FT. x 8.5 FT. DEEP. CUBIC YARDAGE: 110DISPOSAL FACILITY: JFT LF - CROUCH MESA REMEDIATION METHOD: LANDFARMLAND USE: RANGE LEASE: STATE FORMATION: DK**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 165 FT. S53W 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:**

OVM CALIB. READ. = 54.5 ppm (CHECK)
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME 7:32 am DATE 7/10/06

SOIL TYPE: SAND SILTY SAND SILT / SILTY CLAY / CLAY / GRAVEL / OTHERSOIL COLOR: PALE YELL. ORANGE TO BLACKCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE FIRM DENSE / VERY DENSE

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

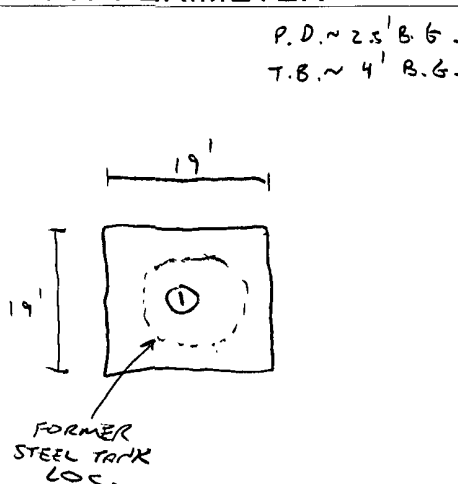
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE DRY / SLIGHTLY MOIST MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES NO EXPLANATION - BET. 2.5 - 11' BELOW GRADE - VARYING GRAY TO BLACKHC ODOR DETECTED: YES / NO EXPLANATION - EXCAVATED SOILSAMPLE TYPE: GRAB COMPOSITE - # OF PTSADDITIONAL COMMENTS 95 BBL TONK REMOVED PRIOR TO ARRIVAL.**CLOSED****SCALE**

0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER**PIT PROFILE****OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 11'	1,157
2 @	
3 @	
4 @	
5 @	

NOT APPLICABLE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
① 11'	TPH (80138)	1220
"	BTEX (80218)	"
	<u>PASSED</u>	

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

TRAVEL NOTES:CALLOUT: 7/10/06 - MORN. ONSITE: 7/10/06 - MORN.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

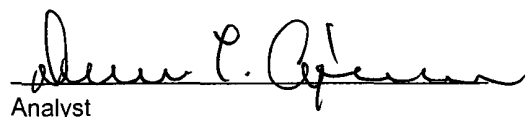
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 11'	Date Reported:	07-13-06
Laboratory Number:	37747	Date Sampled:	07-10-06
Chain of Custody No:	14638	Date Received:	07-10-06
Sample Matrix:	Soil	Date Extracted:	07-11-06
Preservative:	Cool	Date Analyzed:	07-13-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

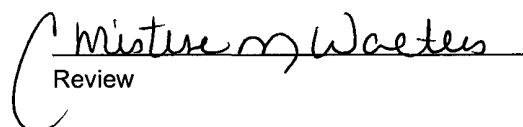
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	106	0.2
Diesel Range (C10 - C28)	98.7	0.1
Total Petroleum Hydrocarbons	205	0.2

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: **State GC BB #1 Compressor/Production Tank Pit Grab Sample.**


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 @ 11'	Date Reported:	07-13-06
Laboratory Number:	37747	Date Sampled:	07-10-06
Chain of Custody:	14638	Date Received:	07-10-06
Sample Matrix:	Soil	Date Analyzed:	07-13-06
Preservative:	Cool	Date Extracted:	07-11-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	7.2	1.8
Toluene	70.1	1.7
Ethylbenzene	390	1.5
p,m-Xylene	2,410	2.2
o-Xylene	651	1.0
Total BTEX	3,530	

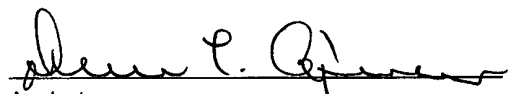
ND - Parameter not detected at the stated detection limit.


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: State GC BB #1 Compressor/Production Tank Pit Grab Sample.


Analyst


Review

CHAIN OF CUSTODY RECORD

14638

Client / Project Name BLAGG / XTO ENERGY			Project Location STATE GC BR #1		ANALYSIS / PARAMETERS								
Sampler: NV			Client No. 94034-010		No. of Containers TPH (8015B)	BTEX (80218)					Remarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix							PREPARED COOL GRAB SAMPLE		
① @ 11'	7/10/06	1220	37747	SOIL	1	✓	✓				COMPRESSOR / PRODUCTION TANK PIT		
Relinquished by: (Signature) <i>[Signature]</i>			Date 7/10/06	Time 1433	Received by: (Signature) <i>[Signature]</i>			Date 7/10/06	Time 1433				
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								
<div style="text-align: center;"> ENVIROTECH INC. <hr/> 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 </div>										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:	07-13-06 QA/QC	Date Reported:	07-13-06
Laboratory Number:	37747	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-13-06
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	9.9769E+002	9.9869E+002	0.10%	0 - 15%
Diesel Range C10 - C28	02-04-05	4.4334E+007	4.4423E+007	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

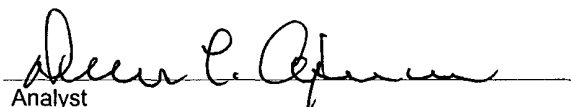
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	106	105	0.6%	0 - 30%
Diesel Range C10 - C28	98.7	98.1	0.6%	0 - 30%

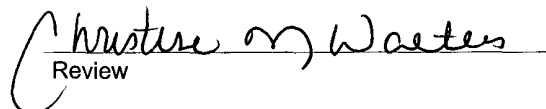
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	106	250	355	99.9%	75 - 125%
Diesel Range C10 - C28	98.7	250	348	99.7%	75 - 125%

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 37747 - 37755


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-13-BTEX QA/QC	Date Reported:	07-13-06
Laboratory Number:	37747	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-13-06
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	5.2779E+007	5.2884E+007	0.2%	ND	0.2
Toluene	5.8519E+007	5.8636E+007	0.2%	ND	0.2
Ethylbenzene	2.7926E+007	2.7982E+007	0.2%	ND	0.2
p,m-Xylene	1.1217E+008	1.1239E+008	0.2%	ND	0.2
o-Xylene	5.0874E+007	5.0976E+007	0.2%	ND	0.1

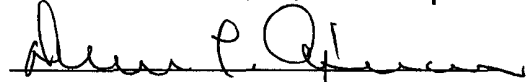
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	7.2	7.2	0.0%	0 - 30%	1.8
Toluene	70.1	70.0	0.1%	0 - 30%	1.7
Ethylbenzene	390	389	0.3%	0 - 30%	1.5
p,m-Xylene	2,410	2,400	0.4%	0 - 30%	2.2
o-Xylene	651	648	0.5%	0 - 30%	1.0

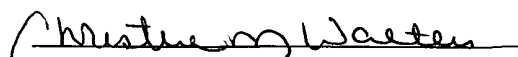
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	7.2	50.0	57.1	99.8%	39 - 150
Toluene	70.1	50.0	120	99.9%	46 - 148
Ethylbenzene	390	50.0	439	99.6%	32 - 160
p,m-Xylene	2,410	100	2,500	99.6%	46 - 148
o-Xylene	651	50.0	700	99.8%	46 - 148

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 Sample 37747


Analyst


Review