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: CANYON #19 API #: 30-045- 22047 U/L or Qtr/Qtr P Sec 2 T 25N R 11W
County: SAN JUAN Latitude 36.43509 Longitude 107.96794 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit Type: Drilling ☐ Production ☒ Disposal ☐ PROD. TANK Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness _____mil Clay ☐ Pit Volume _____bbl	**Below-grade tank** Volume: ____bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes ☐ If not, explain why not. N/A	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) **0**
	Ranking Score (Total Points)	**0**

RECEIVED
APR 2007
OIL CONS. DIV. DIST. 3

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 your are burying in place) onsite ☐ offsite ☒ If offsite, name of facility ENVIROTECH LF #2. (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 120 FT. N7E FROM WELL HEAD.**
PIT EXCAVATION: WIDTH 10 ft., LENGTH 10 ft., DEPTH 3 ft. .
PIT REMEDIATION: CLOSE AS IS: ☐, LANDFARM: ☒, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)
Cubic yards: 10
BEDROCK BOTTOM.

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: 04/29/06

Jeff Blagg – P.E. # 11607 Jeffrey C. Blagg

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.
Printed Name/Title Deputy Oil & Gas Inspector, District #3 Signature Date: SEP 10 2007

CLIENT: XTO

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

LOCATION NO: CT176
COCR NO: 14626

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: CANYON WELL #: 19 TYPE: PROD. TANK
QUAD/UNIT: P SEC: 2 TWP: 25N RNG. 11W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 790'N/1190'E SE/SE CONTRACTOR: CORE SERV. (ROBERT)

DATE STARTED 4/26/06
DATE FINISHED
ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 10 FT. x 10 FT. x 3 FT. DEEP. CUBIC YARDAGE: 5-10
DISPOSAL FACILITY: ENVIROTECH LF #2 REMEDIATION METHOD: LANDFARM
LAND USE: RANGE - BLM LEASE: NM8405 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 120 FT. NTE 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. = 536 ppm
OVM CALIB GAS = 100 ppm RF = 0.52
TIME: 2:55 am/pm DATE: 4/25/06

SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)
SOIL COLOR: MED. LT. TO MED. DK. GRAY BEDROCK - MED. DK. GRAY
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 - BET. 2-5' BELOW GRADE (YARYING GRAY)
HC ODOR DETECTED: (YES) / NO EXPLANATION - TEST
SAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS. —
ADDITIONAL COMMENTS. (BEDROCK BOTTOM)

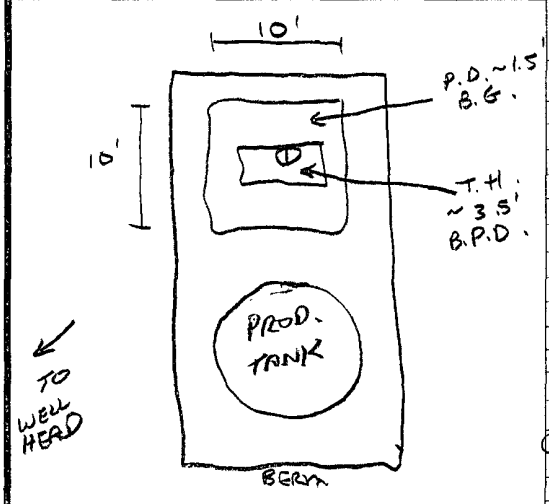
CLOSED

FIELD 418.1 CALCULATIONS

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

SCALE 0 FT

PIT PERIMETER



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

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 5'	249
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
① @ 5'	TPH (8015B)	0738
"	BTEX (8021B)	"
	PASSED	

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 4/25/06 - AFTER. ONSITE: 4/26/06 - MORN. (SCHED.)

revised: 09/04/02 bei1005C.skf

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 @ 5'	Date Reported:	04-29-06
Laboratory Number:	36952	Date Sampled:	04-26-06
Chain of Custody No:	14626	Date Received:	04-26-06
Sample Matrix:	Soil	Date Extracted:	04-27-06
Preservative:	Cool	Date Analyzed:	04-28-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**321**	**0.2**
Diesel Range (C10 - C28)	**181**	**0.1**
Total Petroleum Hydrocarbons	**502**	**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: **Canyon #19 Production Tank Pit Grab Sample.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	04-28-06
Laboratory Number:	36952	Date Sampled:	04-26-06
Chain of Custody:	14626	Date Received:	04-26-06
Sample Matrix:	Soil	Date Analyzed:	04-28-06
Preservative:	Cool	Date Extracted:	04-27-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**77.6**	**1.8**
Toluene	**539**	**1.7**
Ethylbenzene	**1,140**	**1.5**
p,m-Xylene	**6,740**	**2.2**
o-Xylene	**2,360**	**1.0**
Total BTEX	**10,860**	

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: **Canyon #19 Production Tank Pit Grab Sample.**

Analyst

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CHAIN OF CUSTODY RECORD

14626

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BLAGG / XTO ENERGY	CANYON #19	

Sampler:	Client No.
NV	94034-010

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH (8015B)	BTEX (8021B)					Remarks
												PRESERVED COOL GRAB SAMPLE
① @ 11'	4/25/06	1443	36951	SOIL	1	✓	✓					ABANDONED SEPARATOR PIT
① @ 5'	4/26/06	0738	36952	SOIL	1	✓	✓					PRODUCTION TANK PIT

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nelson Velez	4/26/06	0852	Glenn E. Appleman	4/26/06	0852
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:	04-28-06 QA/QC	Date Reported:	04-29-06
Laboratory Number:	36943	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-28-06
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	9.9930E+002	1.0003E+003	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	02-04-05	9.9810E+002	1.0001E+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	**3.4**	**3.4**	**0.0%**	**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	**3.4**	**250**	**253**	**99.9%**	**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 36943 - 36952.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-28-BTEX QA/QC	Date Reported:	04-28-06
Laboratory Number:	36943	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-28-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	2.8809E+007	2.8867E+007	0.2%	ND	0.2
Toluene	1.0501E+008	1.0522E+008	0.2%	ND	0.2
Ethylbenzene	6.3751E+007	6.3879E+007	0.2%	ND	0.2
p,m-Xylene	1.9658E+008	1 9697E+008	0.2%	ND	0.2
o-Xylene	9.7067E+007	9.7262E+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	14.8	14.7	0.7%	0 - 30%	1.7
Ethylbenzene	2.9	2.9	0.0%	0 - 30%	1.5
p,m-Xylene	45.6	45.5	0.2%	0 - 30%	2.2
o-Xylene	12.5	12.5	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	14.8	50.0	64.7	99.8%	46 - 148
Ethylbenzene	2.9	50.0	52.8	99.8%	32 - 160
p,m-Xylene	45.6	100	145	99.8%	46 - 148
o-Xylene	12.5	50.0	62.4	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 36943 - 36952.**

Analyst

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