

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: PIPKIN, E.H. #12	API #: 30-045- 06680 U/L or Qtr/Qtr G Sec 12 T 27N R 11W
County: SAN JUAN Latitude 36.59205 Longitude 107.95176 NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input 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"/> SEP/PROD. TANK 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	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> No <input checked="" 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 _____. (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 93 FT. S13W 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 <input type="checkbox"/>

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 ☒.

08/10/06

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** 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>CT186</u> COCR NO: <u>14669</u>
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No <u>1</u> of <u>1</u>
LOCATION: NAME: <u>PIPKIN, E.H.</u> WELL # <u>12</u> TYPE: <u>SEP. (PROD. TANK)</u> QUAD/UNIT: <u>G SEC 12 TWP: 27N RING 11W PM NM CNTY. SJ ST NM</u> QTR/FOOTAGE: <u>1825'N/1760'E SW/NE</u> CONTRACTOR: <u>HDI (HEBER)</u>		DATE STARTED <u>8/8/06</u> DATE FINISHED _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
EXCAVATION APPROX. <u>NA</u> FT. X <u>NA</u> FT. X <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u>		
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>		
LAND USE: <u>RAKE-BURN</u> LEASE: <u>SF 078019</u> FORMATION: <u>DK</u>		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>93</u> FT. <u>S13W</u> FROM WELLHEAD		
DEPTH TO GROUNDWATER <u>>100'</u> NEAREST WATER SOURCE: <u>>1,000'</u> NEAREST SURFACE WATER <u>>1,000'</u>		
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD. <u>5,000</u> PPM		
SOIL AND EXCAVATION DESCRIPTION: ELEV. <u>-5880'</u>		OVM CALIB READ = <u>54.1</u> ppm OVM CALIB GAS = <u>100</u> ppm RF = 0.52 TIME: <u>10:07</u> am DATE <u>8/8/06</u>
SOIL TYPE SAND / SILTY SAND / SILT <u>(SILTY CLAY)</u> <u>(CLAY)</u> GRAVEL / OTHER _____ SOIL COLOR: <u>DUCKY BROWNISH GRAY</u> COHESION (ALL OTHERS) NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE: _____ CONSISTENCY (NON-COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE _____ PLASTICITY (CLAYS) NON PLASTIC <u>(SLIGHTLY PLASTIC)</u> COHESIVE <u>(MEDIUM PLASTIC)</u> HIGHLY PLASTIC _____ DENSITY (COHESIVE CLAYS & SILTS): SOFT <u>(FIRM)</u> <u>(STIFF)</u> VERY STIFF / HARD _____ MOISTURE: DRY <u>(SLIGHTLY MOIST)</u> <u>(MOIST)</u> WET / SATURATED / SUPER SATURATED _____ DISCOLORATION/STAINING OBSERVED <u>(YES)</u> / NO. EXPLANATION - <u>BOTTOM 2' OF EXCAVATION - COLOR NOTED ABOVE.</u> HC ODOR DETECTED <u>(YES)</u> / NO. EXPLANATION - <u>HEAVY OIL TYPE ODOR</u> SAMPLE TYPE <u>(GRAB)</u> COMPOSITE - # OF PTS _____ ADDITIONAL COMMENTS <u>STEEL TANK REMOVED PRIOR TO ARRIVAL.</u>		

FIELD 418.1 CALCULATIONS							
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER

P.D. ~5' B.G.
T.B. ~5' B.G.
FORMER STEEL TANK PIT
TO WELL HEAD
SEP
SAMPLE PT.
PROD. TANK
BEAM

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6'	0.0
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
066'	TPH (80158)	1018

NOT APPLICABLE

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

TRAVEL NOTES:	CALLOUT: <u>8/7/06 - AFTER.</u>	ONSITE: <u>8/8/06 - MORN. (SCHED.)</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

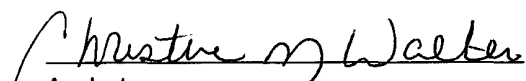
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	08-10-06
Laboratory Number:	38091	Date Sampled:	08-08-06
Chain of Custody No:	14669	Date Received:	08-08-06
Sample Matrix:	Soil	Date Extracted:	08-08-06
Preservative:	Cool	Date Analyzed:	08-09-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH


Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.8	0.1
Total Petroleum Hydrocarbons	1.8	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: **Pipkin, E.H. #12 Separator/Production Tank Pit Grab Sample.**


Analyst


Review

CHAIN OF CUSTODY RECORD

14669

Client / Project Name BLAGG / XTO ENERGY			Project Location PIPKIN, E.H. #12		ANALYSIS / PARAMETERS							
Sampler: NV			Client No. 94034-010		No. of Containers TPH (8x58)						Remarks PRESERVED COOL GRAB SAMPLES	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
① @ 6'	8/8/06	1018	38091	SOIL	1	✓					SEPARATOR / PRODUCTION TANK PIT	
Relinquished by: (Signature) <i>[Signature]</i>			Date 8/8/06	Time 1457	Received by: (Signature) <i>[Signature]</i>			Date 8/8/06	Time 1457			
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	X			
								Cool - Ice/Blue Ice	X			

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:	08-09-06 QA/QC	Date Reported:	08-10-06
Laboratory Number:	38077	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-09-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	07-11-05	1.0712E+003	1.0723E+003	0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	1.2399E+003	1.2424E+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

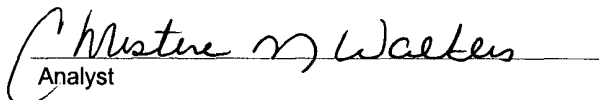
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	249	99.6%	75 - 125%
Diesel Range C10 - C28	ND	250	249	99.4%	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 38077 - 38081 and 38087, 38088, 38090 and 38091.


Analyst


Review