

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: <u>XTO ENERGY INC.</u> Telephone: <u>(505)-324-1090</u> e-mail address: _____		
Address: <u>2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401</u>		
Facility or well name: <u>PAH #1</u> API #: <u>30-045- 20780</u> U/L or Qtr/Qtr <u>L</u> Sec <u>3</u> T <u>25N</u> R <u>11W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.42694</u> Longitude <u>107.99619</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input checked="" type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>PRODUCTION TANK</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> 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: <u>N/A</u> 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) 0 (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 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 (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: <u>PIT LOCATED APPROXIMATELY 132 FT. S10W FROM WELL HEAD.</u>
PIT EXCAVATION: WIDTH <u>N/A</u> ft., LENGTH <u>N/A</u> ft., DEPTH <u>N/A</u> 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: <u>N/A</u>
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: 01/14/05

Printed Name/Title Jeff Blagg – P.E. # 11607 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, DIST. 6 Signature Denny Zant Date: MAY 27 2006

30045 20780

36.42694/107.99619

CLIENT:

XTO

BLAGG ENGINEERING, INC.

P.O. BOX 87, BLOOMFIELD, NM 87413

(505) 632-1199

LOCATION NO: CT140

COCR NO: 13372

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: PAH WELL #: 1 TYPE: PROD. TANK

DATE STARTED: 1/10/05

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: NV

QUAD/UNIT: L SEC: 3 TWP: 25N RNG: 11W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 1500'S/990'W NW/SEW CONTRACTOR: HDI (HEBER)

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - NAVAJO LEASE: N00-C-14-20-3596 FORMATION: DK

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 132 FT. SLOW 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:

ELEV. -6321'

OVM CALIB. READ. = 53.6 ppm

OVM CALIB. GAS = 100 ppm

RF = 0.52

TIME: 1:43 am/pm DATE: 1/7/05

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SHALE)

SOIL COLOR: MED. DK. GRAY BEDROCK COLOR - SAME

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 - ALL SIDELAWS & BOTTOM (MED. DK. GRAY)

HC ODOR DETECTED: YES NO EXPLANATION - EXCAVATED SOIL / BEDROCK & OVM SAMPLE

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

ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - SOFT TO HARD, FRIABLE. INSTRUCTED OPERATOR TO DILUTE / AERATE IMPACTED SOIL & LEAVE IN PLACE.

CLOSED

SCALE

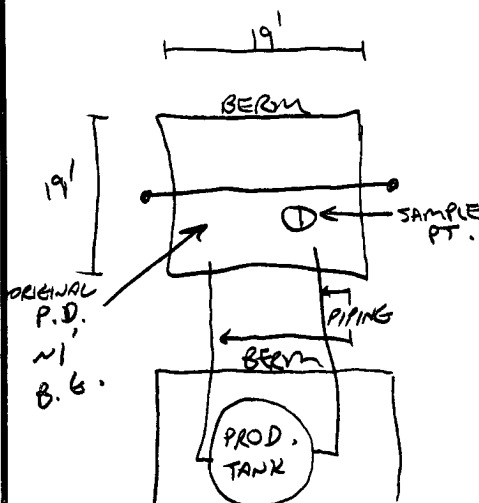


0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER

OVM
READING

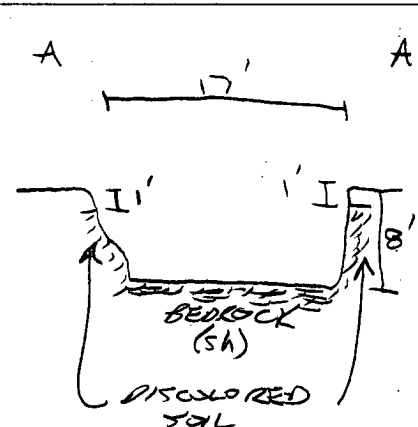
SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	214.2
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
De 8'	TAH (80158)	1325
"	BTEX (80218)	"

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: 1/10/05 - NOON

ONSITE: 1/10/05 - AFTER.

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

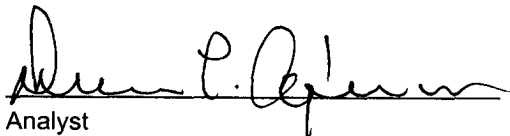
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	01-14-05
Laboratory Number:	31679	Date Sampled:	01-10-05
Chain of Custody No:	13372	Date Received:	01-13-05
Sample Matrix:	Soil	Date Extracted:	01-13-05
Preservative:	Cool	Date Analyzed:	01-14-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

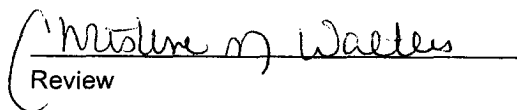
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3,010	0.2
Diesel Range (C10 - C28)	456	0.1
Total Petroleum Hydrocarbons	3,470	0.2

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: **PAH #1 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 @ 8'	Date Reported:	01-14-05
Laboratory Number:	31679	Date Sampled:	01-10-05
Chain of Custody:	13372	Date Received:	01-13-05
Sample Matrix:	Soil	Date Analyzed:	01-14-05
Preservative:	Cool	Date Extracted:	01-13-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	114	1.8
Toluene	6,160	1.7
Ethylbenzene	1,450	1.5
p,m-Xylene	7,690	2.2
o-Xylene	2,160	1.0
Total BTEX	17,570	

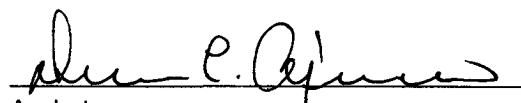
ND - Parameter not detected at the stated detection limit.

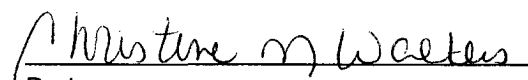
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	97 %

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: PAH #1 Production Tank Pit Grab Sample.


Analyst


Review