

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

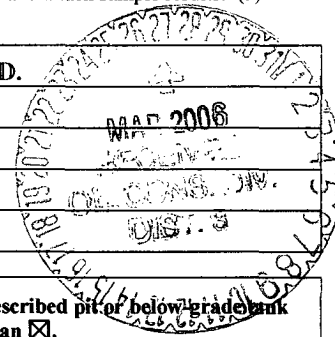
Type of action: Registration of a pit or below-grade tank  Closure of a pit or below-grade tank

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: NM FEDERAL N #3E API #: 30-045- 24365 U/L or Qtr/Qtr D Sec 18 T 30N R 12W  
County: SAN JUAN Latitude 36.81751 Longitude 108.14390 NAD: 1927  1983  Surface Owner Federal  State  Private  Indian

<b>Pit</b>	<b>Below-grade tank</b>	
Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>SEPARATOR</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	Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If <input checked="" type="checkbox"/> 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)	<b>0</b>
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)	<b>0</b>
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)	<b>0</b>
<b>Ranking Score (Total Points)</b>		<b>0</b>

**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 100 FT. N75W FROM WELL HEAD.  
PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.  
PIT REMEDIATION: CLOSE AS IS: , LANDFARM: , COMPOST: , STOCKPILE: , OTHER  (explain)  
Cubic yards: N/A  
BEDROCK BOTTOM, STEEL TANK TO BE INSTALLED



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: 02/22/05  
Printed Name/Title: Jeff Blagg - P.E. # 11607 Signature: [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, DIST. 3 Signature: [Signature] Date: MAY 27 2005

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

LOCATION NO: CT160  
 COCR NO: 13388

S  
 DHA

**FIELD REPORT: PIT CLOSURE VERIFICATION**

LOCATION: NAME: NM FEDERAL N WELL#: 3E TYPE: SEP.  
 QUAD/UNIT: D SEC: 18 TWP: 30N RNG: 12W PM: NM CNTY: SJ ST: NM  
 QTR/FOOTAGE: 1000' N / 1120' W NW/NE CONTRACTOR: HDI (HEBER)

DATE STARTED: 2/21/05  
 DATE FINISHED: \_\_\_\_\_  
 ENVIRONMENTAL SPECIALIST: NV

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 - BLM LEASE: NM047 FORMATION: DR

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 100 FT. N75W FROM WELLHEAD.  
 DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'  
 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

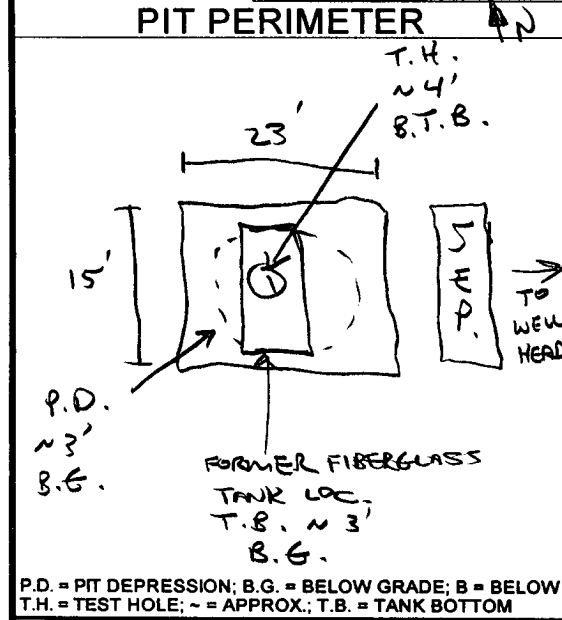
SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 53.1 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 1050 @ 7 pm DATE: 2/21/05

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)  
 SOIL COLOR: PALE YEL.-ORANGE TO BLACK (3.5-4.5 BELOW GRADE) BEDROCK - PALE YEL.-ORANGE  
 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 - GRAY TO BLACK BET. 3.5-4.5' BELOW GRADE  
 HC ODOR DETECTED YES / NO EXPLANATION - DISCOLORED SOIL  
 SAMPLE TYPE: GRAB COMPOSITE - # OF PTS. -  
 ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK. BEDROCK - HARD TO VERY HARD  
BEDROCK BOTTOM AVAILABLE TO COMPETENT - @ 7' BELOW GRADE. STEEL TANK TO BE  
INSTALLED TO REPLACE FIBERGLASS TANK. ALIQUOT/REBATE & LEAVE IN PLACE.

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 @ 7'	39.3
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
DET	TPH (30158)	1040

PIT PROFILE

NOT APPLICABLE

STEEL TANK TO BE INSTALLED

TRAVEL NOTES: CALLOUT: 2/18/05 - MORN. ONSITE: 2/21/05 - MORN. AFTER. (SCHED.)

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

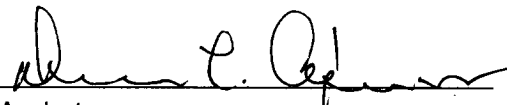
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	02-22-05
Laboratory Number:	32197	Date Sampled:	02-21-05
Chain of Custody No:	13388	Date Received:	02-22-05
Sample Matrix:	Soil	Date Extracted:	02-22-05
Preservative:	Cool	Date Analyzed:	02-22-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

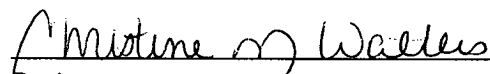
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **NM Federal N #3E Separator Pit Grab Sample.**

  
Analyst

  
Review