

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: <b>XTO ENERGY INC.</b> Telephone: <b>(505)-324-1090</b> e-mail address: _____	
Address: <b>2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401</b>	
Facility or well name: <b>SCHWERDTFEGER A LS #14</b> API #: <b>30-045- 06601</b> U/L or Qtr/Qtr <b>N</b> Sec <b>8</b> T <b>27N</b> R <b>8W</b>	
County: <b>SAN JUAN</b> Latitude <b>36.58487</b> Longitude <b>107.70677</b> 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"/>	
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <b>PRODUCTION TANK</b> 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	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: <b>N/A</b> 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 (20 points) 50 feet or more, but less than 100 feet (10 points) <b>0</b> 100 feet or more ( 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 (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) <b>0</b> 1000 feet or more ( 0 points)
<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: <b>PIT LOCATED APPROXIMATELY 87 FT. S2W FROM WELL HEAD.</b>
<b>PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.</b>
<b>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)</b>
<b>Cubic yards: <b>N/A</b></b>
<b>BEDROCK BOTTOM, STEEL TANK TO BE INSTALLED</b>

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: **01/26/05**

Printed Name/Title **Jeff Blagg – P.E. # 11607**

Signature *Jeff C. 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. I**

Printed Name/Title

Signature *Brandon Powell*

Date: **MAR 27 2006**

CLIENT: <u>XTO</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	LOCATION NO: <u>CT 151</u> COCR NO: <u>13513</u>
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## FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION NAME: <u>SCHWERTFAGER ALS WELL # 14</u> TYPE: <u>TANK DRAIN</u> QUAD/UNIT: <u>N SEC: 8 TWP: 27N RNG: 8W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>990 FSL x 1750 FWL JESW</u> CONTRACTOR: <u>KELCO (THOMAS)</u>	PAGE No: <u>1</u> of <u>1</u> DATE STARTED: <u>1/25/05</u> DATE FINISHED: <u>1/25/05</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - BM LEASE: SF - 079319 FORMATION: P.C.

**FIELD NOTES & REMARKS:** PIT LOCATED APPROXIMATELY 87 FT. S 2° W 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. = <u>52.2</u> ppm	RF = 0.52
OVM CALIB. GAS = <u>100</u> ppm	
TIME: <u>1000</u> am/pm DATE: <u>1/25/05</u>	

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER Bedrock ss @ 3' BG  
 SOIL COLOR: ORANGE TAN  
 COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE  
 CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE — Bedrock  
 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 -  
 HC ODOR DETECTED: YES / NO EXPLANATION -

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. — 12' x 12' x 2' ± Deep Earthen Pit  
**ADDITIONAL COMMENTS:** USE BACK HOE TO DIG TEST HOLE - HIT FIRM Bedrock  
Will set 21 BBL TANK HERE

BEDROCK Bottom

FIELD 418.1 CALCULATIONS

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

**SCALE**

0 1 FT

**PIT PERIMETER**

OVM READING

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

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
103	TAM	0925
<b>PASSED</b>		

PIT PROFILE

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

**TRAVEL NOTES:** CALLOUT: \_\_\_\_\_ ONSITE: 1/25/05 0900

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

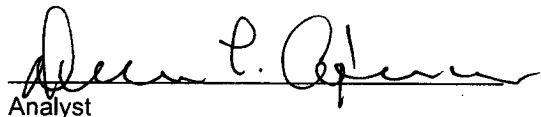
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	01-26-05
Laboratory Number:	31748	Date Sampled:	01-25-05
Chain of Custody No:	13513	Date Received:	01-25-05
Sample Matrix:	Soil	Date Extracted:	01-25-05
Preservative:	Cool	Date Analyzed:	01-26-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

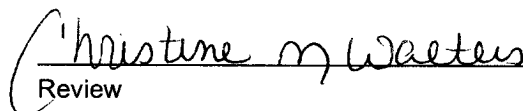
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Schwerdtfeger LS 14 Tank Pit.**

  
Analyst

  
Review