

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: **DAWSON FED. #1M** API #: **30-045-24791** U/L or Qtr/Qtr **N** Sec **26** T **27N** R **8W**
County: **SAN JUAN** Latitude **36.53932** Longitude **107.65621** NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☐ Disposal ☒ **PRODUCTION TANK**
Workover ☐ Emergency ☐
Lined ☐ Unlined ☒
Liner type: Synthetic ☐ Thickness _____ mil Clay ☐
Pit Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____
Construction material: **NA**
Double-walled, with leak detection? Yes ☐ 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)

0

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)

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)

0

1000 feet or more

(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: **PIT LOCATED APPROXIMATELY 111 FT. S39W FROM WELL HEAD.**

PIT EXCAVATION: WIDTH NA ft., LENGTH NA ft., DEPTH NA ft.

PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)

Cubic yards: ☐ NA

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: **3/15/05**

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. 3**

Printed Name/Title

Signature *Denny Felt*

Date: **MAR 27 2005**

30-045-24791

36.53932* 107.65621

CLIENT: XTO

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

LOCATION NO: CT164COCR NO: 13677**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: DAWSON FEDERAL WELL #: 1 M TYPE: PRODDATE STARTED: 3-14-05QUAD/UNIT: N SEC: 26 TWP: 27N RNG: 8W PM: NM CNTY: SJ ST: NMDATE FINISHED: 3-14-05QTR/FOOTAGE: 790 FSL x 1520 FWL CONTRACTOR: KELCO (MIKE)ENVIRONMENTAL SPECIALIST: JCBEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE LEASE: SF 078480 FORMATION: MVFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 111 FT. S39W FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**OVM CALIB. READ. = 52.6 ppmOVM CALIB. GAS = 100 ppm RF = 0.52TIME: 1020 am/pm DATE: 3-14-05SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL (OTHER) BEDROCK SANDSTONESOIL COLOR: ORANGE TANCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

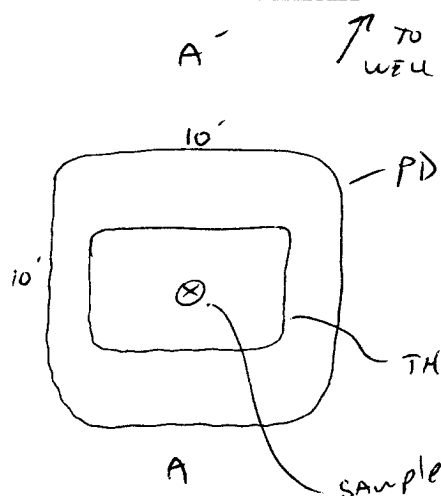
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARDMOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES NO EXPLANATION: Minor Gray Stain on SurfaceHC ODOR DETECTED: YES NO EXPLANATION: MINORSAMPLE TYPE: GRAB COMPOSITE - # OF PTS. —ADDITIONAL COMMENTS: 10' x 10' x 2' Deep Earthen Pit Excavated into Bedrock Sandstone. Use Backhoe to Scrape Surface & collect Sample

SCALE

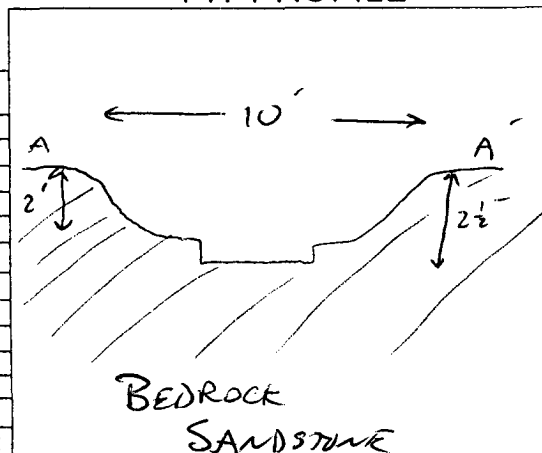


0 FT

N PIT PERIMETER

**FIELD 418.1 CALCULATIONS**

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

PIT PROFILE**OVM READING**

| SAMPLE ID | FIELD HEADSPACE (ppm) |
|------------|-----------------------|
| 1 @ 2 1/2' | 56 |
| 2 @ | |
| 3 @ | |
| 4 @ | |
| 5 @ | |

LAB SAMPLES

| SAMPLE ID | ANALYSIS | TIME |
|------------|---------------|------|
| 1 @ 2 1/2' | TH | 1325 |
| | <u>PASSED</u> | |

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

TRAVEL NOTES:

CALLOUT: 3/14/05 1030 ONSITE: 3/14/05 1315

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

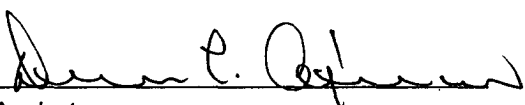
| | | | |
|----------------------|-----------------|---------------------|-----------|
| Client: | Blagg / XTO | Project #: | 94034-010 |
| Sample ID: | 1 @ 2½' | Date Reported: | 03-15-05 |
| Laboratory Number: | 32357 | Date Sampled: | 03-14-05 |
| Chain of Custody No: | 13677 | Date Received: | 03-15-05 |
| Sample Matrix: | Soil | Date Extracted: | 03-15-05 |
| Preservative: | Cool | Date Analyzed: | 03-15-05 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

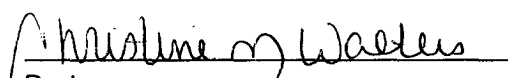
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

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: **Dawson Fed #1M Prod. Pit.**


Analyst


Review