

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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: **BELL J.F. #2E** API #: **30-045- 25266** U/L or Qtr/Qtr **P** Sec **3** T **30N** R **13W**  
County: **SAN JUAN** Latitude **36.83735** Longitude **108.18597** NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> <b>SEPARATOR</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>NA</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>10</b> 1000 feet or more (0 points)
<b>Ranking Score (Total Points)</b> <b>10</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 141 FT. N58E FROM WELL HEAD.**

**PIT EXCAVATION: WIDTH 16 ft., LENGTH 17 ft., DEPTH 5 ft.**

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

**Cubic yards: 50**

**MOSTLY BEDROCK. 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: **4/20/05**

PrintedName/Title **Jeff Blagg - P.E. # 11607**

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:

Printed Name/Title **ENVIRONMENTAL & GAS INSPECTOR, DIST. 4**

Signature

Date:

**MAR 23 2006**

Jul

30045 25266

36.83735/108.18597

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>CT126</u> COCR NO: <u>HAZL</u>																																
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																																
LOCATION: NAME: <u>BEUL, J.F.</u> WELL #: <u>ZE</u> TYPE: <u>SEP.</u> QUAD/UNIT: <u>P</u> SEC: <u>3</u> TWP: <u>30N</u> RNG: <u>13W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>940'S/1020'E</u> SE/SE CONTRACTOR: <u>HDI (HEBER)</u>		DATE STARTED: <u>4/11/05</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																
EXCAVATION APPROX. <u>16</u> FT. x <u>17</u> FT. x <u>5</u> FT. DEEP. CUBIC YARDAGE: <u>50</u>																																		
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>																																		
LAND USE: <u>RANGE - BLM</u> LEASE: <u>NM028226C</u> FORMATION: <u>DK</u>																																		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>141</u> FT. <u>N58E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&lt;1000'</u> NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>1,000</u> PPM																																		
SOIL AND EXCAVATION DESCRIPTION: ELEV. - <u>5,749'</u> OVM CALIB. READ. = <u>51.5</u> ppm (CHECK) OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>12:47</u> am/pm DATE: <u>4/11/05</u>																																		
SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>VARYING GRAY TO BLACK</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / DENSE / VERY DENSE PLASTICITY (CLAYS): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>ENTIRE PIT AREA &amp; PIT BOTTOM - OLIVE GRAY</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>DISCOLORED SOIL &amp; OVM SAMPLE.</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>1</u> ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM BEDROCK (OLIVE GRAY). BEDROCK - HARD TO MOSTLY BEDROCK</u> <u>VERY HARD FRIABLE TO COMPETENT. 95 BBL STEEL TANK TO BE INSTALLED.</u>																																		
FIELD 418.1 CALCULATIONS																																		
SCALE	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																								
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM																																		
TRAVEL NOTES: CALLOUT: <u>4/11/05 - MORN.</u> ONSITE: <u>4/11/05 - MORN.</u>																																		

# Hall Environmental Analysis Laboratory

Date: 21-Apr-05

CLIENT: Blagg Engineering

Client Sample ID: 1 @ 7' Separator Pit

Lab Order: 0504118

Collection Date: 4/11/2005 12:35:00 PM

Project: Bell, J.F. #2E

Lab ID: 0504118-01

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						Analyst: SCC
Diesel Range Organics (DRO)	190	10		mg/Kg	1	4/20/2005 6:39:01 AM
Motor Oil Range Organics (MRO)	75	50		mg/Kg	1	4/20/2005 6:39:01 AM
Surr: DNOP	152	60-124	S	%REC	1	4/20/2005 6:39:01 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	24	5.0		mg/Kg	1	4/14/2005 1:49:37 PM
Surr: BFB	104	78.3-120		%REC	1	4/14/2005 1:49:37 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

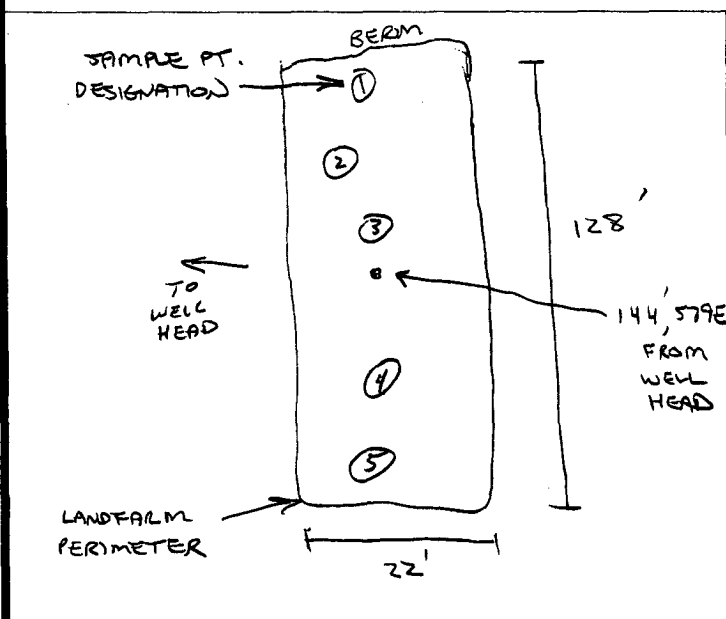
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

CLIENT: XTO**BLAGG ENGINEERING, INC.**  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: CT126C.O.C. NO: 14527**FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION**LOCATION: NAME: BELL JF WELL#: ZE PITS: SEP.DATE STARTED: 1/11/06QUAD/UNIT: P SEC: 3 TWP: 30N RING: 13W PM: NM CNTY: ST ST: NM

DATE FINISHED: \_\_\_\_\_

QTR/FOOTAGE: SE/SE CONTRACTOR: HDIENVIRONMENTAL  
SPECIALIST: NV**SOIL REMEDIATION:**REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 50LAND USE: RANGE - BLMLIFT DEPTH (ft): 0.5 - 1**FIELD NOTES & REMARKS:**DEPTH TO GROUNDWATER: >100' NEAREST SURFACE WATER: <1,000'NEAREST WATER SOURCE: >1,000' NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1,000 PPMSOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_SOIL COLOR: VARYING BROWN W/ MINOR AMT. OF GRAY W SAMPLE PTS. ① & ②COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSEPLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTICDENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARDMOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - SAMPLE PTS. ① & ② (VARYING GRAY W/ DK. YEL. BROWN)HC ODOR DETECTED: YES / NO EXPLANATION - SAMPLE PTS. ① & ② ONLYSAMPLING DEPTHS (LANDFARMS): 4 - 6 (INCHES)SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

ADDITIONAL COMMENTS: \_\_\_\_\_

CLOSED**SKETCH/SAMPLE LOCATIONS**OVM CALIB. READ. = 53.3 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 9:55 am/pm DATE: 1/11/06**OVM RESULTS****LAB SAMPLES**

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	6.0	LF-1	TPH (80158)	1440	559

P.C. - 4/11/05

**SCALE**

0 1 FT

TRAVEL NOTES: CALLOUT: NAONSITE: 1/11/06

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

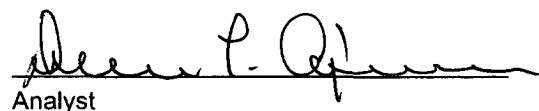
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	01-13-06
Laboratory Number:	35720	Date Sampled:	01-11-06
Chain of Custody No:	14527	Date Received:	01-12-06
Sample Matrix:	Soil	Date Extracted:	01-12-06
Preservative:	Cool	Date Analyzed:	01-13-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

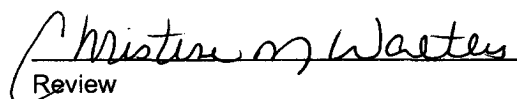
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.6	0.2
Diesel Range (C10 - C28)	556	0.1
Total Petroleum Hydrocarbons	559	0.2

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: **Bell JF #2E Landfarm 5 Pt. Composite Sample.**

  
Analyst

  
Review