

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 ☐

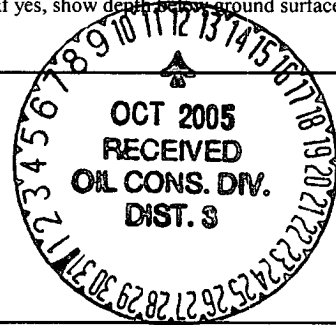
(WFO Closure) Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: XTO ENERGY, INC. Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: 2700 FARMINGTON AVENUE FARMINGTON, NM 87401  
Facility or well name: FEDERAL F #002 API #: 30-045-06867 U/L or Qtr/Qtr H SEC 4 T 27N R 10W  
County: SAN JUAN Latitude 36.60662 Longitude -107.89412 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pit</b><br>Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/><br>Workover <input type="checkbox"/> Emergency <input type="checkbox"/><br>Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/><br>Liner Type: Synthetic <input checked="" type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/><br>Pit Volume <u>77</u> bbl | <b>Below-grade tank</b><br>Volume: _____ bbl Type of fluid: _____<br>Construction Material: _____<br>Double-walled, with leak detection? Yes <input checked="" 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)<br>50 feet or more, but less than 100 feet (10 points)<br>100 feet or more (0 points)<br><u>0</u>                                                                           |
| 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)<br>No (0 points)<br><u>0</u>                                                                                                                                                              |
| Distance to surface water: (Horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)                                                                                                                                                                                                                                                                                         | Less than 200 feet (20 points)<br>200 feet to 1,000 feet (10 points)<br>Greater than 1,000 feet (0 points)<br><u>0</u>                                                                                    |
| Ranking Score (TOTAL POINTS): <u>0</u>                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                           |

**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:



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 (attached) alternative OCD-approved plan ☒

Date: 9/18/05

Printed Name/Title Mark Harvey for Williams Field Services Signature Mark Harvey

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 DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature Denny

OCT 12 2005  
Date: \_\_\_\_\_

# **ADDENDUM TO OCD FORM C-144**

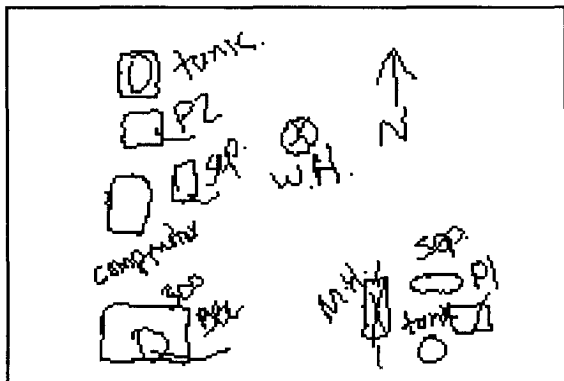
**Operator:** XTO ENERGY, INC.

**API** 30-045-06867

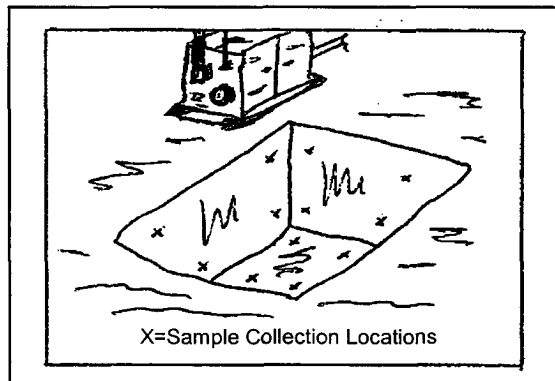
**Well Name:** FEDERAL F #002

**Meter:** 32366

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.

Width 12 Ft.

Depth 3 Ft.

**Location of Pit Center**

Latitude 36.60637

Longitude -107.89382

(NAD 1927)

**Pit ID**

323661

**Pit Type**

Separator

**Date Closure Started:** 6/23/04

**Date Closure Completed:** 6/23/04

**Closure Method:** Pushed In

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:**

**Vertical Extent of Equipment Reached ?** ☐

**Description Of Closure Action:**

The pit was assessed and sampled in accordance with NMOCD guidelines. Based on assessment findings, the pit was backfilled.

**Pit Closure Sampling:**

| Sample ID   | Sample Date | Head Space | BTEX Total (mg/kg) | Benzene (mg/kg) | TPH DRO (mg/kg) | Purpose | Location | Depth |
|-------------|-------------|------------|--------------------|-----------------|-----------------|---------|----------|-------|
| 145405FEB04 | 2/5/04      |            | 0.21               | 0               | 140             | ASSESS  | Flr      | 3     |

Lab Project Number: 6079093  
Client Project ID: NM Pit Program

Lab Sample No: 606814986      Project Sample Number: 6079093-007      Date Collected: 02/05/04 14:54  
Client Sample ID: 145405FEB04      Matrix: Soil      Date Received: 02/10/04 09:30

| Parameters | Results | Units | Report Limit | DF | Analyzed | By | CAS No. | Qual | RegLmt |
|------------|---------|-------|--------------|----|----------|----|---------|------|--------|
|------------|---------|-------|--------------|----|----------|----|---------|------|--------|

#### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

|                   |          |       |     |     |                |      |            |  |  |
|-------------------|----------|-------|-----|-----|----------------|------|------------|--|--|
| Mineral Spirits   | ND       | mg/kg | 11. | 1.1 | 02/12/04 22:38 | RMN1 |            |  |  |
| Jet Fuel          | ND       | mg/kg | 11. | 1.1 | 02/12/04 22:38 | RMN1 |            |  |  |
| Kerosene          | ND       | mg/kg | 11. | 1.1 | 02/12/04 22:38 | RMN1 |            |  |  |
| Diesel Fuel       | ND       | mg/kg | 11. | 1.1 | 02/12/04 22:38 | RMN1 | 68334-30-5 |  |  |
| Fuel Oil          | ND       | mg/kg | 11. | 1.1 | 02/12/04 22:38 | RMN1 | 68334-30-5 |  |  |
| Motor Oil         | 140      | mg/kg | 11. | 1.1 | 02/12/04 22:38 | RMN1 |            |  |  |
| n-Tetracosane (S) | 119      | %     |     | 1.0 | 02/12/04 22:38 | RMN1 | 646-31-1   |  |  |
| p-Terphenyl (S)   | 111      | %     |     | 1.0 | 02/12/04 22:38 | RMN1 | 92-94-4    |  |  |
| Date Extracted    | 02/12/04 |       |     |     | 02/12/04       |      |            |  |  |

#### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 9.1 % 1.0 02/12/04 DPB

#### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

|                            |     |       |     |     |                |      |           |  |  |
|----------------------------|-----|-------|-----|-----|----------------|------|-----------|--|--|
| Benzene                    | ND  | ug/kg | 55. | 1.1 | 02/16/04 18:33 | DCKI | 71-43-2   |  |  |
| Ethylbenzene               | ND  | ug/kg | 55. | 1.1 | 02/16/04 18:33 | DCKI | 100-41-4  |  |  |
| Toluene                    | ND  | ug/kg | 55. | 1.1 | 02/16/04 18:33 | DCKI | 108-88-3  |  |  |
| Xylene (Total)             | 210 | ug/kg | 140 | 1.1 | 02/16/04 18:33 | DCKI | 1330-20-7 |  |  |
| a,a,a-Trifluorotoluene (S) | 101 | %     |     | 1.0 | 02/16/04 18:33 | DCKI | 98-08-8   |  |  |

## REPORT OF LABORATORY ANALYSIS

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