

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 ☐

*WFS closure*

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

Operator: BURLINGTON RESOURCES OIL & GAS CO Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: 801 CHERRY ST FORT WORTH, TX 76102  
Facility or well name: SAN JUAN 27 4 UNIT #009 API #: 30-039-06779 U/L or Qtr/Qtr N SEC 33 T 27N R 4W  
County: RIO ARRIBA Latitude 36.52562 Longitude -107.25921 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**  
Type: Drilling ☐ Production ☒ Disposal ☐  
Workover ☐ Emergency ☐  
Lined ☐ Unlined ☒  
Liner Type: Synthetic ☒ Thickness \_\_\_\_\_ mil Clay ☐  
Pit Volume 120 bbl

**Below-grade tank**  
Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction Material: \_\_\_\_\_  
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<br>50 feet or more, but less than 100 feet<br>100 feet or more | (20 points)<br>(10 points)<br>(0 points) | <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<br>No                                                                        | (20 points)<br>(0 points)                | <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<br>200 feet to 1,000 feet<br>Greater than 1,000 feet          | (20 points)<br>(10 points)<br>(0 points) | <u>0</u> |
| <b>Ranking Score (TOTAL POINTS):</b>                                                                                                            |                                                                                  |                                          | <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: 9/9/05

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

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. 2 Signature Denny Fort Date: OCT 12 2005

**ADDENDUM TO OCD FORM C-144**

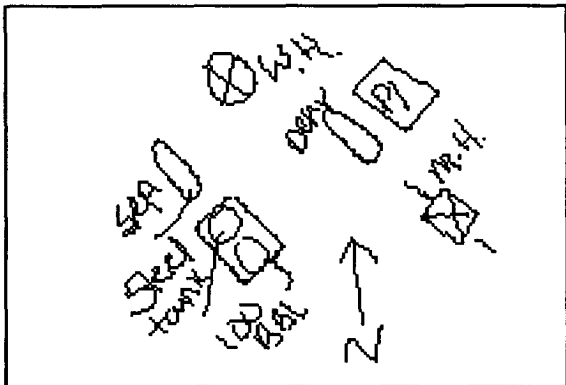
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API: 30-039-06779**

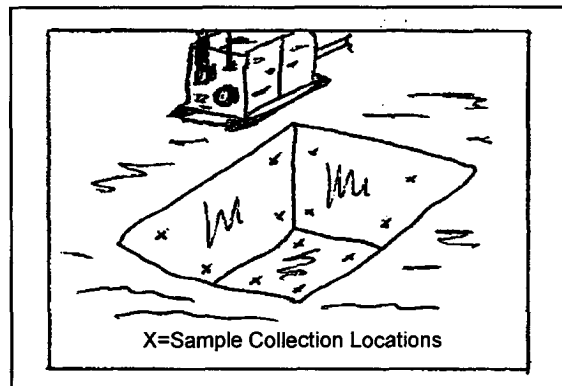
**Well Name:** SAN JUAN 27 4 UNIT #009

**Meter: 71546**

**Facility Diagram:**



**Sampling Diagram:**



### Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 3 Ft.

### Location of Pit Center

Latitude 36.5255

Longitude -107.25898

(NAD 1927)

**Pit ID**

715461

### Pit Type

### Glycol Dehydrator

**Date Closure Started: 4/29/03**

**Closure Method:** Pushed In

**Date Closure Completed:** 4/29/03

**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 |
|-------------|-------------|------------|--------------------|-----------------|-----------------|---------|----------|-------|
| 124824JUL02 | 7/24/02     |            | 0                  | 0               | 0               | ASSESS  |          | 2     |

Lab Project Number: 6061217

Client Project ID: N.M. PIT ASSESSMENTS

Lab Sample No: 605310606  
Client Sample ID: 124824JUL02

Project Sample Number: 6061217-008  
Matrix: Soil

Date Collected: 07/24/02 12:48  
Date Received: 07/26/02 09:30

| Parameters                     | Results                | Units | Report Limit | DF  | Analyzed       | By  | CAS No.    | Qual | RegLmt |
|--------------------------------|------------------------|-------|--------------|-----|----------------|-----|------------|------|--------|
| <b>GC Semivolatiles</b>        |                        |       |              |     |                |     |            |      |        |
| Total Extractable Hydrocarbons | Prep/Method: OA2 / OA2 |       |              |     |                |     |            |      |        |
| Mineral Spirits                | ND                     | mg/kg | 12.          | 1.2 | 08/05/02 17:23 | MIM |            |      |        |
| Jet Fuel                       | ND                     | mg/kg | 12.          | 1.2 | 08/05/02 17:23 | MIM |            |      |        |
| Kerosene                       | ND                     | mg/kg | 12.          | 1.2 | 08/05/02 17:23 | MIM |            |      |        |
| Diesel Fuel                    | ND                     | mg/kg | 12.          | 1.2 | 08/05/02 17:23 | MIM | 68334-30-5 |      |        |
| Fuel Oil                       | ND                     | mg/kg | 12.          | 1.2 | 08/05/02 17:23 | MIM | 68334-30-5 |      |        |
| Motor Oil                      | ND                     | mg/kg | 12.          | 1.2 | 08/05/02 17:23 | MIM |            |      |        |
| Total Petroleum Hydrocarbons   | ND                     | mg/kg | 12.          | 1.2 | 08/05/02 17:23 | MIM |            | 8    |        |
| n-Tetracosane (S)              | 99                     | %     |              | 1.0 | 08/05/02 17:23 | MIM | 646-31-1   |      |        |
| p-Terphenyl (S)                | 65                     | %     |              | 1.0 | 08/05/02 17:23 | MIM | 92-94-4    |      |        |
| Date Extracted                 |                        |       |              |     | 08/01/02       |     |            |      |        |

#### Organics Prep

|                  |         |   |  |     |          |     |  |  |  |
|------------------|---------|---|--|-----|----------|-----|--|--|--|
| Percent Moisture | Method: |   |  |     |          |     |  |  |  |
| Percent Moisture | 14.3    | % |  | 1.0 | 07/31/02 | MAM |  |  |  |

#### GC Volatiles

|                            |                                              |       |     |     |                |  |           |  |  |
|----------------------------|----------------------------------------------|-------|-----|-----|----------------|--|-----------|--|--|
| Aromatic Volatile Organics | Prep/Method: EPA 5030 Medium Soil / EPA 8021 |       |     |     |                |  |           |  |  |
| Benzene                    | ND                                           | ug/kg | 58. | 1.2 | 07/30/02 21:17 |  | 71-43-2   |  |  |
| Ethylbenzene               | ND                                           | ug/kg | 58. | 1.2 | 07/30/02 21:17 |  | 100-41-4  |  |  |
| Toluene                    | ND                                           | ug/kg | 58. | 1.2 | 07/30/02 21:17 |  | 108-88-3  |  |  |
| Xylene (Total)             | ND                                           | ug/kg | 150 | 1.2 | 07/30/02 21:17 |  | 1330-20-7 |  |  |
| a,a,a-Trifluorotoluene (S) | 104                                          | %     |     | 1.0 | 07/30/02 21:17 |  | 98-08-8   |  |  |

## REPORT OF LABORATORY ANALYSIS

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