

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, 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

Submit 1 copy to  
appropriate  
District Office  
and 1 copy to  
the Santa Fe Office

(Revised 3/9/94)

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Burlington Resources Telephone: 505-326-9841  
Address: 3401 East 30th St., Farmington, NM 87402  
Facility Or: VAUGHN Well No: 23 Pit No: 2  
Well Name  
Location: Unit or Qtr/Qtr Sec E Sec 27 T 026N R 006W County Rio Arriba  
Pit Type: separator (Separator, Dehydrator, Tank, Vent, Other)  
Land Type: BLM (BLM, State, Fee, Other)

Pit Location: Pit Dimension length 10 width 10 depth 2  
Reference: wellhead Other \_\_\_\_\_  
Footage from reference: 10  
Direction from reference (azimuth): 180 degrees

**Depth To Ground Water:**

(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water.)

|                       |                      |
|-----------------------|----------------------|
| Less than 50 feet     | (20 points)          |
| 50 feet to 99 feet    | (10 points)          |
| Greater than 100 feet | ( 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.)

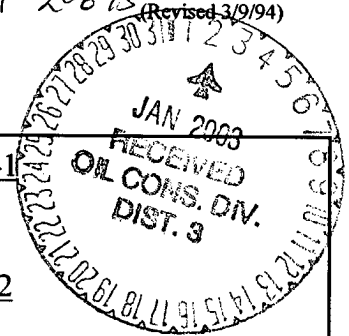
|     |                      |
|-----|----------------------|
| Yes | (20 points)          |
| No  | ( 0 points) <u>0</u> |

**Distance to Surface Water:**

(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches.)

|                        |                      |
|------------------------|----------------------|
| Less than 200 feet     | (20 points)          |
| 200 feet to 1000 feet  | (10 points)          |
| Greater than 1000 feet | ( 0 points) <u>0</u> |

**RANKING SCORE (TOTAL POINTS): 0**



Vaughn 23

Pit 2

Date Remediation Started: 4/5/2002Date completed: 7/18/02Remediation Method:  
(Check all appropriate  
sections.)

Excavation \_\_\_\_\_ Approx. cubic yards: \_\_\_\_\_

Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location:  
(i.e. landfarmed onsite,  
name and location of  
offsite facility)

Onsite \_\_\_\_\_ Offsite \_\_\_\_\_

General Description of Remedial Action: The initial assessment of the pit showed that the soils met the closure standards. The pit was backfilled with clean soils.Ground Water Encountered: No (yes or no)

Depth: \_\_\_\_\_

Final Pit:

Sample location center of pit

Closure Sampling:

(if multiple samples,

attach sample results

and diagram of sample

locations and depths)

Sample depth 1.5Sample Date 4/5/2002Sample time 2:15:00 PM

Sample Results:

Benzene(ppm)

Total BTEX(ppm)

Field Headspace(ppm) 3.1TPH 500Ground Water Sample: No

(If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Date: 12/17/02Signature Ed HaselyTitle: Environmental SpecialistPrinted Name: Ed Hasely

**Client:** Burlington Resources  
**Project:** Pit Closure  
**Sample ID:** VAUGHN 23 PIT2 5365801  
**Lab ID:** 0302W01625  
**Matrix:** Soil  
**Condition:** Cool/Intact

**Date Reported:** 05/22/02  
**Date Sampled:** 04/05/02  
**Date Received:** 04/11/02  
**Date Extracted:** 04/17/02  
**Date Analyzed:** 04/29/02

| Parameter                             | Analytical Result | PQL | Units |
|---------------------------------------|-------------------|-----|-------|
| <b>GRO/DRO - METHOD 8015M</b>         |                   |     |       |
| Gasoline Range Organics(C6-C10)       | 290               | 50  | mg/Kg |
| Diesel Range Organics (C10 - C22)     | 180               | 50  | mg/Kg |
| Total Petroleum Hydrocarbons (C6-C22) | 500               | 100 | mg/Kg |

Reference: Method 8015AZ, C10 - C32 Hydrocarbons in Soil, Arizona Department of Health Services, Revision - 1.0, 09/25/98.

Reviewed By: 

Analyst: \_\_\_\_\_