

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

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

(Revised 3/9/94)

30-045-05429  
**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Burlington Resources Telephone: 505-326-9841  
Address: 3401 East 30th St., Farmington, NM 87402  
Facility Or: HUERFANO UNIT Well No: 146 Pit No: 1  
Well Name  
Location: Unit or Qtr/Qtr Sec A Sec 13 T 025N R 010W County San Juan  
Pit Type: vent (Separator, Dehydrator, Tank, Vent, Other)  
Land Type: BLM (BLM, State, Fee, Other)

Pit Location: Pit Dimension length 12 width 12 depth 3  
Reference: wellhead Other \_\_\_\_\_  
Footage from reference: 12  
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

Huerfano 14c

Date Remediation Started: 3/28/2002

Date completed: 7/2/02

Remediation 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 3

Sample Date 3/28/2002

Sample time 2:00:00 PM

Sample Results:

Benzene(ppm) <5

Total BTEX(ppm) <30

Field Headspace(ppm) 896

TPH 1074

Ground 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: 11/20/02

Signature Ed Hasely

Title: Environmental Specialist

Printed Name: Ed Hasely

Client: **Burlington Resources**  
Project: **Pit Closure**  
Sample ID: **HUERFANO UNIT 146 5153001**  
Lab ID: **0302W01221**  
Matrix: **Soil**  
Condition: **Cool/Intact**

Date Reported: **05/01/02**  
Date Sampled: **03/28/02**  
Date Received: **03/28/02**  
Date Extracted: **N/A**  
Date Analyzed: **04/09/02**

Parameter	Analytical Result	PQL	Units
<b>BTEX - METHOD 8021B</b>			
Benzene	<5	5	mg/Kg
Toluene	<5	5	mg/Kg
Ethylbenzene	<5	5	mg/Kg
Xylenes (total)	<15	15	mg/Kg
Total BTEX	<30	30	mg/Kg
<b>GRO/DRO - METHOD 8015M</b>			
Gasoline Range Organics(C6-C10)	396	50	mg/Kg
Diesel Range Organics (C10 - C22)	678	50	mg/Kg
Total Petroleum Hydrocarbons (C6-C22)	1,074	100	mg/Kg

Reference: Method 8021b, Volatile Organic Compounds, Test Methods for Evaluating  
Solid Waste, Physical/Chemical Methods, United States Environmental  
Protection Agency, SW-846, Volume IB.

Reviewed By: 

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