

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

RISK
outside
✓A
BTEX

Submit 1 copy to
appropriate
District Office
and 1 copy to
the Santa Fe Office
(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT 30-045-26672

Operator: Burlington Resources Telephone: 505-326-9841
Address: 3401 East 30th St., Farmington, NM 87402
Facility Or: HUERFANO UNIT Well No: 179E Pit No: 1
Well Name
Location: Unit or Qtr/Qtr Sec K Sec 14 T 026N 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 9 width 8 depth 3
Reference: wellhead Other _____
Footage from reference: 15
Direction from reference (azimuth): 110 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.)

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Yes (20 points)
No (0 points) 0

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

Date Remediation Started: 4/1/2002

Date completed: _____

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 lab data from the initial assessment of the pit is detailed below. The pit is NOT located inside the OCD defined Vulnerable Area. Based upon the attached RISK ANALYSIS, it is proposed to close the pit by backfilling 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 3Sample Date 4/1/2002Sample time 12:10:00 PM

Sample Results:

Benzene(ppm) <5Total BTEX(ppm) 300Field Headspace(ppm) 926TPH 3500Ground 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: 2/26/03Signature Ed HaselyTitle: Environmental SpecialistPrinted Name: Ed Hasely

RISK ANALYSIS FOR EARTHEN PIT CLOSURE

Burlington Resources requests closure of the earthen pit at this location using a limited risk analysis based upon the following conditions:

1. The pit is not located inside the NMOCD defined Vulnerable Areas.
2. Groundwater is estimated to be at a depth greater than 100 feet.
3. The pit is not located within the Wellhead Protection Area - within 200 feet of a private domestic water source or within 1000 feet of all other water sources.
4. The pit is located greater than 1000 feet to surface water.
5. The soils from below the pit bottom were analyzed and the only parameter above NMOCD closure guidelines was total BTEX, which exceeded 50 ppm. The benzene and Total Petroleum Hydrocarbons (TPH) levels were within the NMOCD closure guidelines.

Burlington Resources believes that the earthen pit poses minimal threat to groundwater, human health and the environment.

Client: Burlington Resources
Project: Pit Closure
Sample ID: HUERFANO UNIT 179E 5453201
Lab ID: 0302W01459
Matrix: Soil
Condition: Cool/Intact

Date Reported: 05/30/02
Date Sampled: 04/01/02
Date Received: 04/05/02
Date Extracted: 04/19/02
Date Analyzed: 04/23/02

Parameter	Analytical Result	PQL	Units
BTEX - METHOD 8021B			
Benzene	<5	5	mg/Kg
Toluene	6	5	mg/Kg
Ethylbenzene	6	5	mg/Kg
Xylenes (total)	285	15	mg/Kg
Total BTEX	300	30	mg/Kg
GRO/DRO - METHOD 8015M			
Gasoline Range Organics(C6-C10)	1,830	50	mg/Kg
Diesel Range Organics (C10 - C22)	1,670	50	mg/Kg
Total Petroleum Hydrocarbons (C6-C22)	3,500	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: _____