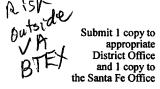
District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505



(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT 30-045-24836

Operator: Burlington Resources Telephone: 505-326-9841 Address: 3401 East 30th St., Farmington, NM 87402 Facility Or: **CONGRESS** Well No: <u>5E</u> Pit No: 2 Well Name Location: Unit or Qtr/Qtr Sec P Sec 34 T 029N R 011W 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 2 Reference: wellhead Other Footage from reference: 130 Direction from reference (azimuth): 10 degrees Depth To Ground Water: (Vertical distance from contaminants to seasonal Less than 50 feet (20 points) 50 feet to 99 feet (10 points) high water elevation of Greater than 100 feet ground water.) (0 points) 0Wellhead Protection Area: (Less than 200 feet from a private FEB 2 8 2003 domestic water source, or; less than 1000 feet from all other water Yes (20 points) No (0 points) 0 sources.) Distance to Surface Water: Less than 200 feet (20 points) (Horizontal distance to perennial 200 feet to 1000 feet lakes, ponds, rivers, streams, creeks, (10 points) Greater than 1000 feet irrigation canals and ditches.) (0 points) 0

RANKING SCORE (TOTAL POINTS): 0

Congress 5E (P.12)

Date Remediation Started	1: <u>3/5/2002</u> Date completed:
Remediation Method:	Excavation Approx. cubic yards:
(Check all appropriate	Landfarmed Insitu Bioremediation
	Other
Remediation Location:	Onsite Offsite
(i.e. landfarmed onsite, name and location of offsite facility)	
is detailed below. The	Remedial Action: The lab data from the initial assessment of the pit pit is NOT located inside the OCD defined Vulnerable Area. Based K ANALYSIS, it is proposed to close the pit by backfilling with
Ground Water Encounter	ed: No (yes or no) Depth:
Final Pit: Closure Sampling: (if multiple samples,	Sample location <u>center of pit</u> Sample depth <u>3</u>
attach sample results and diagram of sample locations and depths)	Sample Date <u>3/5/2002</u> Sample time <u>5:40:00 PM</u>
•	Sample Results:
	Benzene(ppm) ≤ 5
	Total BTEX(ppm) 55
	Field Headspace(ppm) 1740
	TPH <u>2842</u>
Ground Water Sample: N	No (If yes, attach sample results)
belief.	information above is true and complete to the best of my knowledge and
Date: 2/24/63	Signature 21 Hasely
Title: Environmental S	pecialist Printed 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 <u>not</u> located inside the NMOCD defined Vulnerable Areas.
- 2. Groundwater is estimated to be at a depth greater than 100 feet.
- 3. The pit is <u>not</u> 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.

inter Mountain Laboratories, inc.

2506 West Main Street Farmington, NM 87401

Client:

Burlington Resources

Project:

Congress 5E

Sample ID:

3221301-2

Lab (D:

0302W00736

Matrix:

Soil

Condition:

Codi/Intact

Date Reported: 03/21/02

Date Sampled: 03/05/02 Date Received: 03/06/02

Date Extracted: N/A

Date Analyzed: 03/08/02

Parameter	Analytical Result	PQL	Units
BTEX - METHOD 60215			
Benzene	<5	5	mg/Kg
Toluene	8	5	mg/Kg
Ethylbenzene	13	5	mg/Kg
Xylenes (total)	34	15	mg/Kg
Total BTEX	55	30	mg/Kg
GRO/DRO - METHOD 8015M			
Gasoline Renge Organics(C6-C10)	2,050	50	mg/Kg
Diesel Range Organics (C10 - C22)	793	50	mg/Kg
Total Petroleum Hydrocarbons (C6-C22)	2.842	100	mg/Kg

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

Reviewed By:

William Lipps