## Denny & Fourt JICARILLA APACHE TRIBE DEPUTY OIL & GAS INSPECTORENVIRONMENTAL PROTECTION OFFICE ROY 507 P.O. BOX 507 **DULCE, NEW MEXICO 87528**

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL & GAS ADMINISTRATION

MAY 0 4 1998

PIT REMEDIATION AND CLOSURE REPORT

AMIZEUEU						
Operator: Bulington Resour	Telephone: (505) 324-9700					
Address: 3535 = 304, Farmingfor, NM 8740/						
Facility or Well Name: Jicarilla 101 #3 DP # 36005						
Location: Unit or Qtr/Qtr Sec N Sec of T26N R 4w County Rio Arriba						
Pit Type: Separator Dehydrator Other Slovage Tauk						
Land Type: Ticorilla Reservation	ν.					
Pit Location: Pit dimensions	length <u>20'</u> , width <u>15'</u> , depth <u>3'</u>					
(Attach diagram)  Reference: w	ellhead, other					
Footage from	reference: 137					
<b>11</b>	reference: 210° Degrees $\nu$ East North $\nu$					
	West South					
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)					
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)					
Distance to Nearest Lake, Playa, or (Downgradient lakes, playas and livestock or wildlife watering ponds)	Vatering Pond Less than 100 feet (10 points) Greater than 100 feet (0 points)					
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)					
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)					
	RANKING SCORE (TOTAL POINTS):O					

Date Remediation Sta	arted: N/A 8/20/97 Date Completed: 1/20/97					
Remediation Method:	Excavation Approx. cubic yards					
(Check all appropriate sections)	Landfarmed Insitu Bioremediation					
	Other					
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)  General Description of						
•						
Groundwater Encount	ered: No X Yes Depth					
Closure Sampling: (if multiple samples,	Sample location Center of Pit.					
attach sample results and diagram of sample	Sample depth 4' bellow the bottom Surface of the Dit.					
locations and depths)	ample date <u>8-26-97</u> Sample time					
	Sample Results					
	Soil: Benzene (ppm) Water: Benzene (ppb)					
	Total BTEX (ppm) N/A Toluene (ppb)					
	Field Headspace (ppm) 61 ppm Ethylbenzene (ppb)					
	TPH (ppm) Total Xylenes (ppb)					
Groundwater Sample:	Yes No X (If yes, attach sample results)					
I HEREBY CERTIFY KNOWLEGE AND BE	THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY LIEF					
DATE	-20-92 PRINTED NAME CRAIG A. Bock					
SIGNATURE	AND TITLE <u>Environmental</u> Rep.					
AFTER REVIEW OF T TO THE JICARILLA A	THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE APACHE TRIBE PIT CLOSURE ORDINANCE.					
APPROVED: YES 🔀	NO (REASON)					
SIGNED:	Mame: 12-23-97					

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OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Attn:

Craig A. Bock

Date:

4-Sep-97

Company: Burlington Resources

COC No.:

C2107

Address:

P.O. Box 4289

Sample No.:

15947

City, State: Farmington, NM 87499

Job No.:

2-1000

Project Name:

Burlington Resources Pit Assessment - Jicarilla 101 #3

Project Location:

B7-36005-1-A

Sampled by:

JP

Date:

26-Aug-97 Time:

11:30

Analyzed by: Sample Matrix: DC/HR Soll

GRO Date: DRO Date: 30-Aug-97 4-Sep-97

## Laboratory Analysis

Paramétér	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Gasoline Range Organics (C5 - C9)	ND	mg/kg	0.5	mg/kg
Diesel Range Organics (C10 - C28)	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

GRO QC No.: 0537-STD

DRO QC No.: 0548-STD

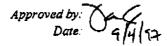
Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Gasoline Range (C5 - C9)	ND	ppb	1,801	1,864	3.4	15%
Diesel Range (C10 - C28)	ND	ppm	200	188	6.4	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Gasoline Range (C5-C9)	88	85	(80-120)	4	20%
Diesel Range (C10-C28)	84	88	(75-125)	3	20%

Method: SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography



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