

Denny E. Faust

DEPUTY OIL & GAS INSPECTOR ENVIRONMENTAL PROTECTION OFFICE

MAY 04 1998

JICARILLA APACHE TRIBE

P.O. BOX 507

DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO

NATURAL RESOURCE DEPT

AND OIL & GAS ADMINISTRATION

PIT REMEDIATION AND CLOSURE REPORT

Operator: Burlington Resources Telephone: 505 326-9700

Address: 3535 E. 30th St., Farmington NM 87401

Facility or Well Name: Jicarilla 101 #1A DP # 36009

Location: Unit or Qtr/Qtr Sec I Sec 01 T 26NR 04W County Rio Arriba

Pit Type: Separator ☐ Dehydrator ☐ Other Storage Tank

Land Type: Jicarilla Reservation

Pit Location: Pit dimensions: length 10', width 11', depth 2'
(Attach diagram)

Reference: wellhead X other

Footage from reference: 112'

Direction from reference: 285 Degrees ☒ East of North ☒
☐ 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) 0

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) 0

Distance to Nearest Lake, Playa, or Watering Pond

(Downgradient lakes, playas and
livestock or wildlife watering ponds)

Less than 100 feet (10 points)
Greater than 100 feet (0 points) 0

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) 0

Distance To Surface Water:

(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) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: N/A 8/26/97 Date Completed: 11/20/97

Remediation Method: Excavation Approx. cubic yards
(Check all appropriate sections) Landfarmed Insitu Bioremediation
Other

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

General Description of Remedial Action:

Groundwater Encountered: No X Yes 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 4 feet below the bottom surface of the pit

Sample date 8-26-97 Sample time 1500

Sample Results

Soil: Benzene	(ppm)	<u>N/A</u>	Water: Benzene	(ppb)	<u> </u>
Total BTEX	(ppm)	<u>N/A</u>	Toluene	(ppb)	<u> </u>
Field Headspace	(ppm)	<u>0.01</u>	Ethylbenzene	(ppb)	<u> </u>
TPH	(ppm)	<u>ND</u>	Total Xylenes	(ppb)	<u> </u>

Groundwater Sample: Yes No X (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 11-20-97 PRINTED NAME CRAIG A. Bock

SIGNATURE Craig A. Bock AND TITLE Environmental Representative

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO (REASON)

SIGNED: Kenn C. Mann DATE: 12-23-97

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: **Craig A. Bock**
 Company: **Burlington Resources**
 Address: **P.O. Box 4289**
 City, State: **Farmington, NM 87499**

Date: **4-Sep-97**
 COC No.: **C2107**
 Sample No.: **15949**
 Job No.: **2-1000**

Project Name: **Burlington Resources Pit Assessment - Jicarilla 101 #1A**
 Project Location: **B7-36009-1-A**
 Sampled by: **JP** Date: **26-Aug-97** Time: **15:00**
 Analyzed by: **DC/HR** GRO Date: **30-Aug-97**
 Sample Matrix: **Soil** DRO Date: **4-Sep-97**

Laboratory Analysis

Parameter	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)	87	80	(80-120)	8	20%
Diesel Range (C10-C28)	84	88	(75-125)	3	20%

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

Approved by:
 Date: **9/11/97**

P.O. BOX 2606 • FARMINGTON, NM 87499

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