

DEPUTY OIL & GAS INSPECTOR

MAY 04 1998

**JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
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, Farmington NM 87401
Facility or Well Name: Jicarilla 101 #7M DP# 36039
Location: Unit or Qtr/Qtr Sec G Sec 12 T 26N R 4W County Rio Arriba
Pit Type: Separator Dehydrator Other Storage Tank
Land Type: Jicarilla Reservation

Pit Location:
(Attach diagram)

Pit dimensions: length 10', width 10', depth 2'

Reference: wellhead ☒, other _____

Footage from reference: 139'

Direction from reference: 260° Degrees X East of North X
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)	<u>0</u>

Distance to an Ephemeral Stream

(Downgradient dry wash greater than ten feet in width)

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

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 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) 0

RANKING SCORE (TOTAL POINTS):

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

Remediation Method: Excavation _____
(Check all appropriate sections) Landfarmed _____

Approx. cubic yards _____

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:

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location At top of Sandstone - 5 point Composite Corners &

Center of Pit

* Sample depth 1 foot below the bottom surface of the Pit

Sample date 8-26-97 Sample time 9:30

Sample Results

Soil: Benzene	(ppm)	<u>N/A</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>N/A</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>40</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>112</u>	Total Xylenes	(ppb)	_____

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. Beck

SIGNATURE Craig Beck AND TITLE Environmental Rep.

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: K. C. Mann DATE: 12-23-97

* Encountered Sandstone at 1 foot.

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.: *15945*
 Job No.: *2-1000*

Project Name: *Burlington Resources Pit Assessment - Jicarilla 101 #7M*
 Project Location: *B7-36039-1-A*
 Sampled by: *JP* Date: *26-Aug-97* Time: *9:30*
 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
<i>Gasoline Range Organics (C5 - C9)</i>	ND	mg/kg	0.5	mg/kg
<i>Diesel Range Organics (C10 - C28)</i>	112	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
<i>Gasoline Range (C5 - C9)</i>	ND	ppb	1,801	1,864	3.4	15%
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	188	6.4	15%

Matrix Spike

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

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

Approved by: *[Signature]*
 Date: *9/4/97*

P.O. BOX 2606 • FARMINGTON, NM 87499