

Dennings & Frost
DEPUTY OIL & GAS INSPECTOR

MAR 28 1997

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

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Approved
PIT REMEDIATION AND CLOSURE REPORT

Operator: Burlington Resources Telephone: (505) 326-9700
Address: P.O. Box 4289, Farmington, NM 87499-4289
Facility or Well Name: Jicarilla 150 #6
Location: Unit or Qtr/Qtr Sec NW-SW Sec 2 T 26N R 5W County Rio Arriba
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 13', width 16', depth 5'
(Attach diagram) Reference: wellhead ☒, other ☐
Footage from reference: 155'
Direction from reference: 245° Degrees ☒ East ☒ 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) 10

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)

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Less than 100 feet (20 points)
100 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 11/A Date Completed: _____

Remediation Method: Excavation _____ Approx. cubic yards _____
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other None required as per assessment results

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

General Description of Remedial Action: A sample was taken at 4' below the bottom surface of
the earthen pit. Samples were taken using a hand auger.

Groundwater Encountered: No ☒ Yes _____ Depth _____

Final Pit: Sample location Center of pit, 4' below the bottom surface of the 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 7-17-96 Sample time _____

Sample Results

Soil: Benzene	(ppm)	<u>ND</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>ND</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>109 ppm</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>ND</u>	Total Xylenes	(ppb)	_____

Groundwater Sample: Yes _____ 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 8-29-96 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 ☒ NO _____ (REASON) _____

SIGNED: [Signature] DATE: 8/30/96

Zenon Environmental Laboratories - Certificate of Analysis

7/29/96

Component	Client ID:		M6 ✓		M6 ✓		M6 ✓		M6 ✓		M6 ✓		M6 ✓		M6 ✓		M6 ✓	
	Zenon ID:		50710A-1-2-V		50710A-1-2-V		50710A-2-2-V		50534A-1-2-V		50534A-2-2-V		2758-2-V		2758-2-V		35899-2-V	
Date Sampled:	MDL		MS Dup		MSD % Rec.													
	Units																	
BTEX via SW846 Method 8260																		
Benzene	0.005 mg/kg		0.23		93		15		<		<		0.054		0.011		0.039	
Toluene	0.005 "		0.23		91		130		0.011		0.008		0.014		0.24		0.12	
Ethylbenzene	0.005 "		0.22		88		23		0.008		0.11		0.014		0.039		0.039	
m&p-Xylene	0.005 "		0.45		90		150		0.24		0.11		0.12		0.039		0.039	
o-Xylene	0.005 "		0.22		87		36		0.11		0.11		0.12		0.039		0.039	
Surrogate Recoveries	%																	
d4-1,2-Dichloroethane			92		92		93		88		87		87		87		87	
d8-Toluene			94		94		96		101		91		91		91		91	
Bromofluorobenzene			104		104		102		113		98		98		98		98	
TPH via SW846 Method 8015, mod.	19 mg/kg						<		(1)		(3)		1100		1100		1100	
Surrogate Recoveries																		
5- α -Androstane							87		135		(1)		113		113		100	