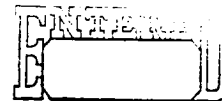


*Denazgale Fort*  
JICARILLA APACHE TRIBE  
DEPUTY OIL & GAS INSPECTOR ENVIRONMENTAL PROTECTION OFFICE  
P.O. BOX 507  
MAR 28 1997 DULCE, NEW MEXICO 87528

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



*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: Arizona Jicarilla B #7  
Location: Unit or Qtr/Qtr Sec SW<sup>E</sup> 1/4 Sec 4 T26N R5W County Rio Arriba  
Pit Type: Separator ☒ Dehydrator ☐ Other ☐  
Land Type: Jicarilla Apache

Pit Location: (Attach diagram) Pit dimensions: length 10, width 12, depth 2  
Reference: wellhead ☒ other ☐  
Footage from reference: 95'  
Direction from reference: 35 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)	<u>10</u>

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)	<u>0</u>

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)	<u>0</u>

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)	<u>0</u>

Distance To Surface Water: (Horizontal distance to perennial rivers, 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)	<u>0</u>

**RANKING SCORE (TOTAL POINTS):** 10

Remediation Started: N/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 X 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 7/19/96 Sample time \_\_\_\_\_

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>10 ppm</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>ND</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 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 X NO \_\_\_\_\_ (REASON) \_\_\_\_\_

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

**Zenon Environmental Laboratories - Certificate of Analysis**

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7/29/96

Component	Client ID:		Zenon ID:		Date Sampled:		MDL		Units		M6		M6		M6		M6		M6	
	BTEX via SW846 Method 8260																			
Benzene	0.005	mg/kg	0.23	93	15	0.011	0.054	0.014	0.12	0.039	0.011	0.054	0.014	0.12	0.039	0.011	0.054	0.014	0.12	0.039
Toluene	0.005	"	0.23	91	130	0.008	0.008	0.24	0.11	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Ethylbenzene	0.005	"	0.22	88	23	0.008	0.008	0.24	0.11	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
m&p-Xylene	0.005	"	0.45	90	150	0.008	0.008	0.24	0.11	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
o-Xylene	0.005	"	0.22	87	36	0.008	0.008	0.24	0.11	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Surrogate Recoveries		%																		
d4-1,2-Dichloroethane			92	92	93	88	87	91	98	87	88	91	98	87	88	91	98	87	88	91
dB-Toluene			94	94	96	101	91	101	113	91	101	101	113	91	101	101	113	91	101	101
Bromofluorobenzene			104	104	102	113	98	113	(1)	1100	(1)	490	135	87	100	100	100	100	100	100
TPH via SW846 Method 8015, mod.	19	mg/kg																		
Surrogate Recoveries		%																		
5- $\alpha$ -Androstane																				

Client: Philip Environmental Inc. Project: 15904