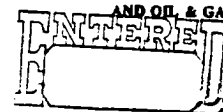


DEPUTY OIL & GAS INSPECTOR

MAR 28 1997

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
OIL & GAS ADMINISTRATION



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 67 #6
Location: Unit or Qtr/Qtr Sec SE 1/4 Sec 19 T 25N R 5W County Rio Arriba
Pit Type: Separator Dehydrator Other Blow Pit
Land Type: Jicarilla Apache

Pit Location:
(Attach diagram)

Pit dimensions: length 13.5', width 13', depth 2'

Reference: wellhead ✓, other _____

Footage from reference: 47.5'

Direction from reference: 340° Degrees ✓ East of North ✓
West of South

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	(20 points)	<u>20</u>
	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 Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	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)

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Yes (20 points)
No (0 points) 0

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)

20

RANKING SCORE (TOTAL POINTS): > 44

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 7-18-96 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>06</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 C. 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

07/29/96 16:04 ☎5053262388
JUL 29 '96 17:56 FR ZENON ENV. LABS

PHILIP ENVIRON.

905 332 9169 TO 1505326238E

004
P.04/09

Zenon Environmental Laboratories - Certificate of Analysis

Page 3 of 6

Component	Client ID:	M6	✓	M6	✓	M6	✓	M6	✓	M6	✓	M6	✓	M6	✓	M6	✓
	Zenon ID:	44366A-2-V	44366A-2-V	52164A-2-V	36002-2-V	53081A-2-V	53080B-2-V	52301A-2-V									
	Date Sampled:	027854 96	027854 96	027855 96	027856 96	027857 96	027858 96	027859 96									
	MDL	96/07/17	96/07/17	96/07/18	96/07/18	96/07/18	96/07/18	96/07/18	96/07/18								
	Units	MS Dup	MSD % Rec.														
BTEX via SW846 Method 8260																	
Benzene	0.005	mg/kg	-	-	1.6	-	-	1.1	-	-	-	-	-	-	-	-	-
Toluene	0.005	"	-	-	41	-	-	17	-	-	-	-	-	-	-	-	-
Ethylbenzene	0.005	"	-	-	17	-	-	15	-	-	-	-	-	-	-	-	-
m,p-Xylene	0.005	"	-	-	140	-	-	93	-	-	-	-	-	-	-	-	-
o-Xylene	0.005	"	-	-	42	-	-	32	-	-	-	-	-	-	-	-	-
Surrogate Recoveries		%															
d4-1,2-Dichloroethane			-	-	86	-	-	90	-	-	-	-	-	-	-	-	-
d8-Toluene			-	-	97	-	-	107	-	-	-	-	-	-	-	-	-
Bromofluorobenzene			-	-	114	-	-	110	-	-	-	-	-	-	-	-	-
TPH via SW846 Method 8015, mod.	19	mg/kg			(2)	(1)	(2)	(2)									
Surrogate Recoveries		%	50	65	200	180	310	310									
5-a-Androstane			123	123	86	140	138	82									

Client: Phillip Environmental Inc. Project: 15904