

Denny-L. Tait
DEPUTY OIL & GAS INSPECTOR JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
MAR 28 1997 P.O. BOX 507
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: Jicarilla 443 #1
Location: Unit or Qtr/Qtr Sec NE 1/4 Sec 26 T 23N R 2W County Rio Arriba
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 48', width 29', depth 4'
(Attach diagram) Reference: wellhead ☒, other ☐
Footage from reference: 35'
Direction from reference: 185° Degrees ☒ East of North ☒
West South ☐

Depth To Groundwater: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 points) 10
high water elevation of groundwater)

Distance to an Ephemeral Stream Less than 100 feet (10 points)
(Downgradient dry wash greater than Greater than 100 feet (0 points)
ten feet in width)

Distance to Nearest Lake, Playa, or Watering Pond Less than 100 feet (10 points)
(Downgradient lakes, playas and Greater than 100 feet (0 points)
livestock or wildlife watering ponds)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 0
domestic water source, or: less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 100 feet (20 points)
(Horizontal distance to perennial 100 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 10
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS):

Date 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:
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location Center of pit, 8" below the bottom surface of the pit.
Sandstone bedrock was encountered at 8" below the bottom of the pit.
Sample depth 8" below the bottom surface of the pit. 5 point composite
Sample date 6-17-96 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>12 ppm</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>48</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

Component	Client ID:		M6		M6		M6		M6		M6	
	Zenon ID:		53087B2-1-V		53087B2-1-V		36002-1-V		44354A-1-V		36050-1-V	
	Date Sampled:		021993 96		021993 96		021994 96		021995 96		021996 96	
	MDL	Units	MS Dup	MSD % Rec.								
BTEX via SW846 8260												
Benzene	0.005	mg/kg	0.24	96	-	-	-	-	-	-	-	-
Toluene	0.005	"	0.23	94	-	-	-	-	-	-	-	-
Ethylbenzene	0.005	"	0.23	93	-	-	-	-	-	-	-	-
m&p-Xylene	0.005	"	0.50	100	-	-	-	-	-	-	-	-
o-Xylene	0.005	"	0.24	94	-	-	-	-	-	-	-	-
Surrogate Recoveries		%										
d4-1,2-Dichloroethane			99	99	-	-	-	-	-	-	-	-
d8-Toluene			102	102	-	-	-	-	-	-	-	-
Bromofluorobenzene			90	90	-	-	-	-	-	-	-	-
Extractable Petroleum Hydrocarbons	19	mg/kg	-	-	<	<	<	<	<	<	<	<
Surrogate Recoveries		%										
5-a-Androstane			-	-	-	-	-	-	-	-	-	-