

Denny E. 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

Approved PIT REMEDIATION AND CLOSURE REPORT

ENTERED
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Operator: Burlington Resources Telephone: (505) 326-9700
Address: P.O. Box 4289, Farmington, NM 87499-4289
Facility or Well Name: Jicarilla 183 #5
Location: Unit or Qtr/Qtr Sec M SW-SW Sec 21 T 23N R 3W County Rio Arriba - Sandoval
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 12', width 12', depth 3'
(Attach diagram) Reference: wellhead ☒, other ☐
Footage from reference: 16'
Direction from reference: 236° Degrees ☒ East of North ☒
West of South ☐

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

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

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

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

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

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OIL CON. DIV.
DIST. 3

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 7-16-96 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>88.</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

Zenon Environmental Laboratories - Certificate of Analysis

Client ID:
Zenon ID:
Date Sampled:

Component MDL Units

BTEX via SW846 Method 8260

Benzene	0.005	mg/kg	Method Blank	Blank	% Recovery	M6	M6	M6	M6
Toluene	0.005	"	027845 96	027845 96	027845 96	54206A-1-V	44531A-2-V	54209A-2-V	52035A-2-V
Ethylbenzene	0.005	"	96/07/16	96/07/16	96/07/16	027846 96	027847 96	027848 96	027849 96
m & p-Xylene	0.005	"							
o-Xylene	0.005	"							
Surrogate Recoveries		%							
d4-1,2-Dichloroethane									
d8-Toluene									
Bromofluorobenzene									

TPH via SW846 Method 8015, mod.

Surrogate Recoveries

5-α-Androstane

TPH	19	mg/kg	Method Blank	Blank	% Recovery	M6	M6	M6	M6
Surrogate Recoveries		%							
5-α-Androstane									

Craig, this one has the
corrections on page 445.

Thanks
JLP