

Dennys E. Faust
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

Operator: Burlington Resources Telephone: (505) 326-9700
Address: P.O. Box 4289, Farmington, NM 87499-4289
Facility or Well Name: Jicarilla 183 #9
Location: Unit or Qtr/Qtr Sec E SW-NW Sec 21 T23N R 3W County Rio Arriba
Pit Type: Separator Dehydrator ☒ Other _____
Land Type: Jicarilla Apache

Pit Location:
(Attach diagram)

Pit dimensions: length 12', width 10', depth 3.5'

Reference: wellhead ☒ other _____

Footage from reference: 33'

Direction from reference: 205° 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)	<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
ponds, rivers, streams, creeks,
irrigation canals and ditches)

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DIST. 3

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 2-16-96 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>31 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 [Signature] 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

7/29/96

Zenon Environmental Laboratories - Certificate of Analysis

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JUL 29 '96 17:56 FR ZENON ENV. LABS

PHILIP ENVIRON.

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P.02/09

Client ID:	Method	Blank	% Recovery	M6	M6	M6
Zenon ID:	Blank	Spike				
Date Sampled:	027845 96	027845 96	027845 96	027846 96	027847 96	027848 96
MDL	96/07/16	96/07/16	96/07/16	96/07/16	96/07/16	96/07/16
Units						
BTEX via SW846 Method 8260						
Benzene	0.005	mg/kg	91	-	<0.050	11
Toluene	0.005	"	86	-	0.21	110
Ethylbenzene	0.005	"	86	-	0.21	31
m,p-Xylene	0.005	"	88	-	0.52	390
o-Xylene	0.005	"	84	-	0.20	96
Surrogate Recoveries		%				
d4-1,2-Dichloroethane	85	96	96	-	101	91
d8-Toluene	90	93	93	-	135	105
Bromofluorobenzene	92	95	95	-	79	104
TPH via SW846 Method 8015, mod.						
Surrogate Recoveries	<	-	-	<	<	<
5- α -Androstane	84	-	-	122	112	64
						93

Craig, this one has the
corrections on page 445.

Thanks
JLP

Client: Philip Environmental Inc. Project: 15904