

DEPUTY OIL & GAS INSPECTOR

SEP 15 2000

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: Robert L. Butess Telephone: 326-2659

Address: 318 Hwy 170 Farmington NM 87401

Facility or Well Name: Jicarilla 4 Axi 'D'

Location: Unit: D Sec. 19 T. 24 N R. 4 W County Sandwich

Pit Type: Separator _____ Dehydrator _____ Other Drip

Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 12 width 12 depth 8

(Attach diagram) Reference: wellhead ☒ other ☐

Footage from reference: 40'

Direction from reference: _____ Degrees ✓ East North _____

_____ of _____
_____ West _____ South ✓

Depth to Ground Water:	Less than 50 feet	(20 points)	
(Vertical distance from contaminants	50 feet to 99 feet	(10 points)	
to seasonal high water elevation of	Greater than 100 feet	(0 points)	<u>0</u>
ground water)			

Wellhead Protection Area:	Yes	(20 points)	<u>0</u>
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	No	(0 points)	

Distance to Surface Water:	Less than 200 feet	(20 points)
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	200 feet to 1,000 feet	(10 points)
	Greater than 1,000 feet	(0 points)

0

Distance to Ephemeral Stream (dry wash):	Less than or equal to 100 feet	(10 points)	<u>2</u>
(Horizontal distance to all downgradient streams having a width of at least 10 feet)	Greater than 100 feet	(0 points)	

Distance to Nearest Lake, Playa, or Watering Pond: (Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Less than or equal to 100 feet	(10 points)
	Greater than 100 feet	(0 points)

RANKING SCORE (TOTAL POINTS) : 0

Date Remediation Started: 11-20-96 Date Completed: 11-20-96

Remediation Method: Excavation ☒ Approx. Cubic Yards 42

(Check all appropriate sections)

Landfarmed ☒ Amount Landfarmed (cubic yds): 42

Other _____

Remediation Location: Onsite ☒ Offsite _____

(i.e., landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action:

Excavated To 3' b/d 3.6

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit Closure Sampling:

Sample Location Bottom Pit

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth 8'

Sample date 11-20-96 Sample time 8:00 AM

Sample Results

Soil: Benzene (ppm) _____ Water: Benzene (ppb) _____

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 3.6 Ethylbenzene (ppb) _____

TPH AD 35 ppm Method 418.1 Total Xylenes (ppb) _____

Ground Water Sample: Yes _____ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE 12-5-96

PRINTED NAME Dave Sims

SIGNATURE Dave Sims

AND TITLE Project Manager

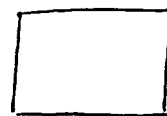
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO _____ (REASON): _____

SIGNED: Ken C. Maull DATE: 12-19-96

SICARIUA 4 AX1 "D"

SEC 19 T24N R4W



DIRT PILE

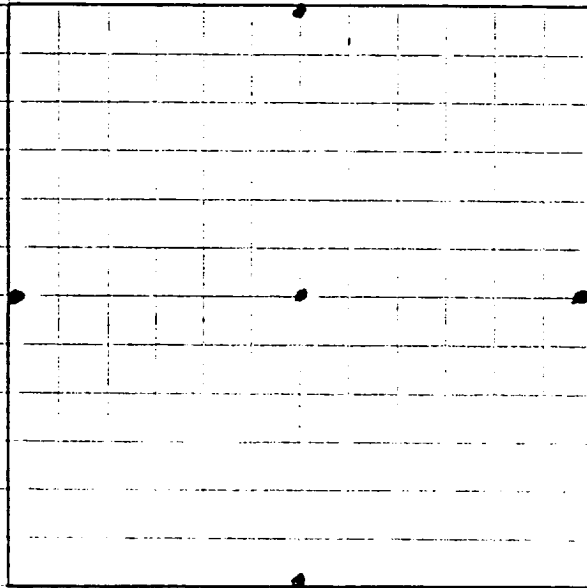


METERHOUSE

O WELLHEAD

Location: Robert L. Bayless
Tic 4 AXI 'D'

Depth: 8'



• Denotes Sample Location

Samples:

North: 1.1

South: 1.3

East: 0.8

West: 0.6

Bottom: 3.6

Jicerills 4 AXI "0"

11-20-96

Drove to location Took Down Fence,
Excavated to 8', P.I.D Reading was 3.6,
Bottled Sample For Lab, Fenced Pit
moved off.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 30-Nov-98

Client:	Robert L. Bayless Oil	Client Sample Info:	A&M Equipment Rentals
Work Order:	9811059	Client Sample ID:	Axi D-4
Lab ID:	9811059-04A	Matrix:	SOIL
Project:	Jicarilla	Collection Date:	11/17/98 2:24:00 PM
		COC Record:	5604

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
TPH, T/R SOIL	E418.1					
Petroleum Hydrocarbons, T/R	35	25		mg/Kg	1	Analyst: HR 11/19/98

Qualifiers:

- PQL - Practical Quantitation Limit
- ND - Not Detected at Practical Quantitation Limit
- J - Analyte detected below Practical Quantitation Limit
- B - Analyte detected in the associated Method Blank

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Surr: - Surrogate



TOTAL PETROLEUM HYDROCARBONS
EPA Method 418.1

RMI Environmental Services/Arrowhead

Project ID: Bayless Pits
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Report Date: 12/04/96
Date Sampled: 11/20/96
Date Received: 12/02/96
Date Extracted: 12/03/96
Date Analyzed: 12/03/96

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Jic 4AXI "D"	5812	ND	24.7

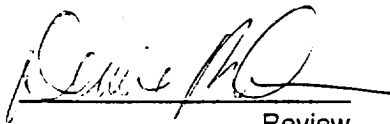
ND- Analyte not detected at the stated detection limit.

Reference: Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste, SW-846, United States Environmental Protection Agency, September, 1986;
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of Water and Waste, United States Environmental Protection Agency, 1978.

Comments:



Analyst



Review

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DULCE, NEW MEXICO 87528

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ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: <u>Robert Bayless</u>		Telephone: <u>355-2659</u>	
Address: <u>218 US Hwy 170 Farmington NM 87401</u>			
Facility or Well Name: <u>Axi D04 Jicarilla</u>			
Location:	Unit: <u>P</u>	Sec. <u>19</u>	T. <u>21</u> N. <u>4</u> W. County <u>Sandoval</u>
Land Type: <u>Jicarilla Apache</u>			
Date Remediation Started: <u>11-20-96</u>		Date Completed: <u>11/30/98</u>	
Remediation Method: Landfarmed <u>X</u>		Approx. cubic yards <u>42</u>	
Composted <u>—</u>			
Other <u>—</u>			
Depth to Ground Water: (pts.) <u>0</u>		Final Closure Sampling: Sampling Date: <u>11/17/98</u> Time <u>2:24pm</u> Sampling Results: Field Headspace (ppm) <u>35</u> <u>3.6</u> TPH (ppm) <u>35</u> Method <u>E418.1</u> Other <u>—</u>	
Distance to an Ephemeral Stream: (pts.) <u>0</u>			
Distance to Nearest Lake, Playa, or Watering Pond: (pts.) <u>0</u>			
Wellhead Protection Area: (pts.) <u>0</u>			
Distance to Surface Water: (pts.) <u>0</u>			
Ranking Score (Total Points): <u>0</u>			
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE <u>12-9-98</u>		PRINTED NAME <u>Donovan Allred</u>	
SIGNATURE <u>Donovan Allred</u>		AND TITLE <u>Project manager</u>	
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE			
APPROVED: YES <u>X</u> NO <u>—</u> (REASON) <u>—</u>			
SIGNED: <u>Kee C. M... Jr</u>		DATE: <u>12-16-98</u>	