

2K
Deputy Oil & Gas Inspector

SEP 13 2000

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE

P.O. BOX 507
DULCE, NEW MEXICO 87528



PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>Robert L. Bayless</u>		Telephone: <u>326-2659</u>	
Address: <u>368 NM Hwy 170 Farmington NM 87401</u>			
Facility or Well Name: <u>Jicarilla 491 #1</u>			
Location: Unit: <u>J</u> Sec. <u>32</u> T. <u>28 N</u> R. <u>2 W</u> County <u>Rio Arriba</u>			
Pit Type: Separator <u> </u> Dehydrator <u> </u> Other <u>Dip</u>			
Land Type: <u>Jicarilla Apache</u>			
Pit Location:		Fit dimensions: length <u>25</u> width <u>25</u> depth <u>20</u>	
(Attach diagram)		Reference: wellhead ☒ other <u> </u>	
		Footage from reference: <u>80'</u>	
		Direction from reference: <u> </u> Degrees <u> </u> East <u> </u> North <u> </u>	
		West ☒ of South ☒	
Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)			
		Less than 50 feet	(20 points)
		50 feet to 99 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 1,000 feet from all other water sources)			
		Yes	(20 points)
		No	(0 points) <u>0</u>
Distance to Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)			
		Less than 200 feet	(20 points)
		200 feet to 1,000 feet	(10 points)
		Greater than 1,000 feet	(0 points) <u>0</u>
Distance to Ephemeral Stream (dry wash): (Horizontal distance to all downgradient streams having a width of at least 10 feet)			
		Less than or equal to 100 feet	(10 points)
		Greater than 100 feet	(0 points) <u>0</u>
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) <u>0</u>
RANKING SCORE (TOTAL POINTS):			<u>0</u>

Date Remediation Started: 12-5-96 Date Completed: 12-5-96

Remediation Method: Excavation ☒ Approx. Cubic Yards 400

(Check all appropriate sections) Landfarmed ☒ Amount Landfarmed (cubic yds): 400

Other _____

Remediation Location: Onsite ☒ Offsite _____

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

General Description of Remedial Action:

Excavated Pit to 10' Tested 408 PPM
Excavated Pit to 15' Tested 160 PPM
Excavated Pit to 18' Tested 40 PPM
Excavated Pit to 20' Tested 13.7 PPM

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit Closure Sampling: Sample Location North wall of pit

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

Sample depth 20'

Sample date 12-5-96 Sample time 10:00 AM

Sample Results

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

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 13.7 Ethylbenzene (ppb) _____

TPH 46.5 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 12-14-96 PRINTED NAME Dave Sims

SIGNATURE Dave Sims AND TITLE Project Manager

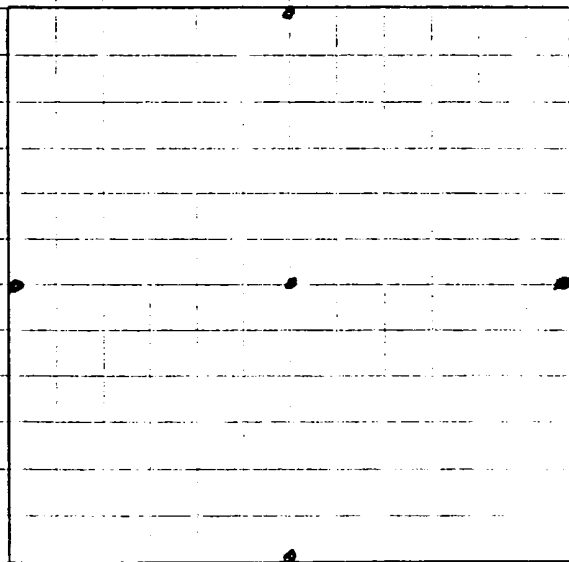
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO _____ (REASON): _____

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

Location: Robert L. Bg 4/1/55
Jic 491 #1

Depth: 20'



• Denotes Sample Location

Samples:

North: 13.7

South: 11.6

East: 4.8

West: 6.6

Bottom: 8.3

Robert L. Bayless

Jic 491 # 1

Site map

N

Pit

W.

E.

Pumping
Unit

W/H

S

Jicarilla 491 #1

12-5-96

Drove to location, Took Down Fence, Excavated
pit to 10' Tested, PID Reading 408 PPM.
Excavated To 15' Tested, PID Reading 160 PPM.
Excavated To 18' Tested, PID Reading 40 PPM
Excavated To 20' Tested, PID Reading 13.7,
Bottled sample For Lab, Put up Fence,
mound off.

TOTAL PETROLEUM HYDROCARBONS

EPA Method 418.1

RMI Environmental

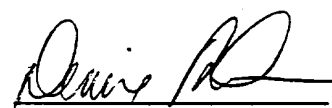
Project ID: Bayless Pits
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Report Date: 12/10/96
Date Sampled: 12/05/96
Date Received: 12/09/96
Date Extracted: 12/10/96
Date Analyzed: 12/10/96

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
J-464 #4	5866	31.7	24.0
J-491 #1	5867	46.5	23.4

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

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: Jicarilla 491 #1

Lab ID: 9811059-07A Matrix: SOIL

Collection Date: 11/17/98 4:51:00 PM

Project: Jicarilla

COC Record: 5604

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
TPH, T/R SOIL		E418.1				Analyst: HR
Petroleum Hydrocarbons, T/R	390	25		mg/Kg	1	11/19/98
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	130	25		mg/Kg	1	11/24/98
GASOLINE RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	11/20/98

Qualifiers:

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

R - RPD outside accepted recovery limits

J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

B - Analyte detected in the associated Method Blank

Surr: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

CHAIN OF CUSTODY

Project Information				Sample Receipt		Organic Analyses		Water Analyses		Metals		Comments
Sample ID	Date	Time	Matrix	Lab ID	No. Containers	Signature	Date	Signature	Date	Signature	Date	
1647-4	11-5	11:14 AM			Client: [Signature]	[Signature]						
1647-5	11-5	3:00 PM			Client: [Signature]	[Signature]						
1647-6	11-5				Client: [Signature]	[Signature]						
1647-7	11-5				Client: [Signature]	[Signature]						
1647-8	11-5				Client: [Signature]	[Signature]						
1647-9	11-5				Client: [Signature]	[Signature]						
1647-10	11-5				Client: [Signature]	[Signature]						
1647-11	11-5				Client: [Signature]	[Signature]						
1647-12	11-5				Client: [Signature]	[Signature]						
1647-13	11-5				Client: [Signature]	[Signature]						
1647-14	11-5				Client: [Signature]	[Signature]						
1647-15	11-5				Client: [Signature]	[Signature]						
1647-16	11-5				Client: [Signature]	[Signature]						
1647-17	11-5				Client: [Signature]	[Signature]						
1647-18	11-5				Client: [Signature]	[Signature]						
1647-19	11-5				Client: [Signature]	[Signature]						
1647-20	11-5				Client: [Signature]	[Signature]						
1647-21	11-5				Client: [Signature]	[Signature]						
1647-22	11-5				Client: [Signature]	[Signature]						
1647-23	11-5				Client: [Signature]	[Signature]						
1647-24	11-5				Client: [Signature]	[Signature]						
1647-25	11-5				Client: [Signature]	[Signature]						
1647-26	11-5				Client: [Signature]	[Signature]						
1647-27	11-5				Client: [Signature]	[Signature]						
1647-28	11-5				Client: [Signature]	[Signature]						
1647-29	11-5				Client: [Signature]	[Signature]						
1647-30	11-5				Client: [Signature]	[Signature]						
1647-31	11-5				Client: [Signature]	[Signature]						
1647-32	11-5				Client: [Signature]	[Signature]						
1647-33	11-5				Client: [Signature]	[Signature]						
1647-34	11-5				Client: [Signature]	[Signature]						
1647-35	11-5				Client: [Signature]	[Signature]						
1647-36	11-5				Client: [Signature]	[Signature]						
1647-37	11-5				Client: [Signature]	[Signature]						
1647-38	11-5				Client: [Signature]	[Signature]						
1647-39	11-5				Client: [Signature]	[Signature]						
1647-40	11-5				Client: [Signature]	[Signature]						
1647-41	11-5				Client: [Signature]	[Signature]						
1647-42	11-5				Client: [Signature]	[Signature]						
1647-43	11-5				Client: [Signature]	[Signature]						
1647-44	11-5				Client: [Signature]	[Signature]						
1647-45	11-5				Client: [Signature]	[Signature]						
1647-46	11-5				Client							

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

ON-SITE SOIL REMEDIATION REPORT

Operator: Robert L Bayless Telephone: 326-2659
Address: 318 Hwy 170 Farmington NM 87401
Facility or Well Name: Jicarilla 491 #1
Location: Unit: J Sec. 32 T. 28 N R. 2 W County Rio Arriba
Land Type: Jicarilla Apache
Date Remediation Started: 6-28-98 Date Completed: 11/30/98
Remediation Method: Landfirmed X Approx. cubic yards _____
Composted _____
Other _____

Depth to Ground Water: (pts.) 0
Distance to an Ephemeral Stream: (pts.) 0
Distance to Nearest Lake, Playa,
or Watering Pond: (pts.) 0
Wellhead Protection Area: (pts.) 0
Distance to Surface Water: (pts.) 0
Ranking Score (Total Points): 0

Final Closure Sampling:

Sampling Date: 11/17/98 Time 4:51pm
Sampling Results:
Field Headspace (ppm) 13.7
TPH (ppm) 390 Method E418.1
Other 46.5

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

DATE 12-9-98 PRINTED NAME Donovan Allred
SIGNATURE Donovan Allred AND TITLE Project Manager

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE
JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE

APPROVED: YES X NO _____ (REASON) _____
SIGNED: Kurt C. M...ll DATE: 12-16-98