## JICARILLA APACHE TRIBE

# **ENVIRONMENTAL PROTECTION OFFICE**

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

Myppe evect

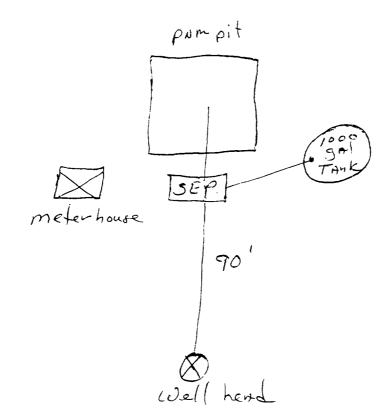
P.O. BOX 507 DULCE, NEW MEXICO 87528

# PIT REMEDIATION AND CLOSURE REPORT

Operator:	PNM Gas Services Amc	Telephone:	324-3764
Address:	603 W. Elm Street Farmington, NM 874	401	
Facility or V	Vell Name: <u>Jicarilla As</u>	pache 102-27	
Location:	Unit: Sec. 10	T 26 N R. 4 W COI	unty Rio Arriba
Pit Type:	Separator X Dehydrator	Other	
Land Type:	Jicantla Apache		
Pit Locatio		$\frac{24' \text{ width } 22'}{x \text{ other }}$	depth <u>20 '</u>
	Direction from reference:		North X South
Depth to G	round Water:	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) ( 0 points)
ground water) Wellhead if	Protection Area:  If from a private domestic sea than 1,000 feet from all	Yes No	(20 points)
Distance t (Honzontal distant	OF Surface Water:  DISTERNATION  Se to perentual  Fa. sureems.	Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet	(20 points) (10 points) ( 0 points)
Distance t	canass and detches)  CO Ephemeral Stream (dry wash):  CO to all downgradient  width of at leest 10	Less than or equal to 100 feet Greater than 100 feet	(10 points)
Distance 1 Pond:	to Nearest Lake, Playa, or Watering	Less than or equal to 100 feet Greater than 100 feet	(10 points) (0 points)
		RANKING SCORE (TOTAL	POINTS):

Date Remediation Started	: 8/22/96	Date Completed: $\frac{9/25/96}{}$
Remediation Method:	Excavation X	Approx. Cubic Yards 424
(Check ail appropriate	Landfarmed X	Amount Landfarmed (cubic yds): 424
sections)	Other	
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	OnsiteX	Offsite
Removed ac And bottom Space rendi	of pit as to get	from All four side walls 13 below 100 ppm herd
Ground Water Encounte	ered: No X	Depth
Final Pit Closure Sampling:	Sample Location North	East South west side
(if multiple samples, attach sample result and diagram of	Sample depth 20'	
sample locations and depths.)	Sample date $8/22/9$	76 Sample time 1355
	Sample Results	
Soil:	Benzene (ppm)	Water: Benzene (ppb)
	Total BTEX (ppm	Toluene (ppb)
	Field headspace (ppm) 용3.	Ethylbenzene (ppb)
	TPH 6.0 ppm Method	SOIS Total Xylenes (ppb)
Ground Water Samp	e: Yes No	(If yes, attach sample results)
HEREBY CERTIFY THAT KNOWLEDGE AND MY		TRUE AND COMPLETE TO THE BEST OF MY
DATE <u>8/2</u>	/	NTED NAME Ronald A. Dedrick
SIGNATURE Ka	ald A Deduck A	ND TITLE Environmental Technician II
	IE PIT CLOSURE INFORMATION, E TRIBE PIT CLOSURE ORDINAN	PIT CLOSURE IS APPROVED IN ACCORDANCE CE.
APPROVED: YES	NO (REAS	ON):
SIGNED:		ATE: 8-26-96

Jicarilla Apache 102-27 Sec 10 T26NR4W UnitJ. Amoco



OFF: (505) 325-5667



LAB: (505) 325-1556

## Diesel Range Organics

Attn: Denver Bearden Date:

23-Aug-96

Company: PNM Gas Services

COC No.:

4865

Address: City, State: Farmington, NM 87401

603 W. Elm

Sample No. Job No.

11884 2-1000

Project Name:

PNM Gas Services - Jicarilla Apache 102-27 Run 12-51

Project Location:

9608221355; 5pt. Composite

Sampled by:

ΕP

Date: Date:

22-Aug-96 Time:

13:55

Analyzed by: Sample Matrix:

DC/HR Soil

23-Aug-96

# Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	6.0	mg/kg	5.0	mg/kg

### Quality Assurance Report

DRO QC No.:

0489-QC

#### Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Diesel Range (C10 - C28)	<5.0	ppm	100	112	12.0	15%

Matrix Spike

THE WAR OF THE					
	1- Percent	2 - Percent			
Parameter	Recovered	Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	112	114	(70-130)	1	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: Date:

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

# JICARILLA APACHE TRIBE ENVIRONMENTAL PROTECTION OFFICE P.O. BOX 507 DULCE, NEW MEXICO 87528

# ON-SITE SOIL REMEDIATION REPORT

Operator: PNM Gas Services ( ) in cco	) Telephone: 324-3764						
Address: 603 W. Elm Street Farmington, NM 87401	`						
Facility or Well Name: Jicarilla Apache	102-27						
Location: Unit: Sec. /O T.	. 26 N R. W County Rio Arriba						
Land Type: Jicarilla Apache	_						
Date Remediation Started: 8/22/9 >  Remediation Method: Landfarmed X  Composted Other	Date Completed: 9/11/96 Approx. cubic yards 424						
Depth to Ground Water: (pts.)	Final Closure Sampling:						
Distance to an Ephemeral Stream: (pts.)							
Distance to Nearest Lake, Playa, (pts.) Or Watering Pond:							
Wellhead Protection Area: (pts.)	1 / / / / / / / / / / / / / / / / /						
Distance to Surface Water: (pts.)	Other						
Ranking Score (Total Points):							
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE	AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF						
DATE $\frac{9/15/96}{2}$ PRINTE	ED NAME Ronald A. Dedrick						
SIGNATURE Daniel Deducto AND TITLE Environmental Technician II							
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, O JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE	ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE						
APPROVED: YES X NO (REASON)							
SIGNED: Land Mand	DATE: 9-17-96						

Sec. 10 Table R440 Unity

7.5

14.7pp 18.8pp 
8.1pp-

147

OFF: (505) 325-5667



LAB: (505) 325-1556

## Diesel Range Organics

Attn:

Denver Bearden

Company: PNM Gas Services

Address:

603 W. Elm

City, State: Farmington, NM 87401

Date:

11-Sep-96

COC No.:

5265

Sample No.

12124

Job No.

2-1000

Project Name:

PNM Gas Sevices - Jicarilla Apache 102-27 Landfarm Run 12-51

**Project Location:** 

9609111239; 5pt. Composite

RD

Date: Date:

11-Sep-96 Time:

11-Sep-96

12:39

Sampled by: Analyzed by:

DC/BV

Sample Matrix: Soil

### Laboratory Analysis

Peramotor	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	< 5.0	mg/kg	5.0	mg/kg

### Quality Assurance Report

DRO QC No.:

0489-QC

### Calibration Check

00110100011						
	Method	Unit of	True	Analyzed		
Parameter	Blank	Measure	Value	Value	% Diff	Limit
Diesel Range (C10 - C28)	<5.0	ppm	100	93	7.1	15%

Matrix Snike

Maura Spike	·				
	1- Percent	2 - Percent			
Parameter	Recovered	Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	98	114	(70-130)	11	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: Date: 9/12/96

P.O. BOX 2606 • FARMINGTON, NM 87499