Denny & Fout DEPUTY OIL & GAS INSTECTOR

FEB 2 6 1998

# JICARILLA APACHE TRIBE

**ENVIRONMENTAL PROTECTION OFFICE** 

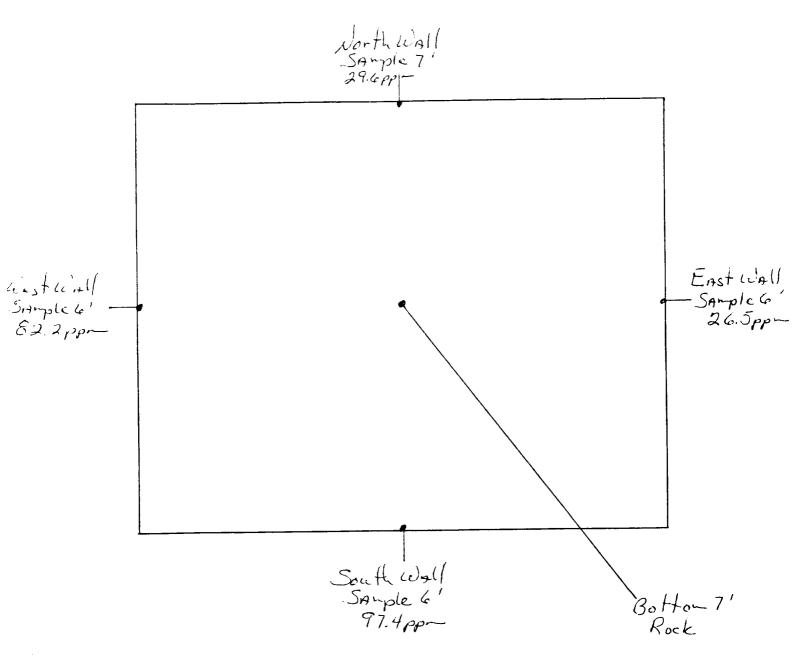
SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

P.O. BOX 507 DULCE, NEW MEXICO 87528

# PIT REMEDIATION AND CLOSURE REPORT

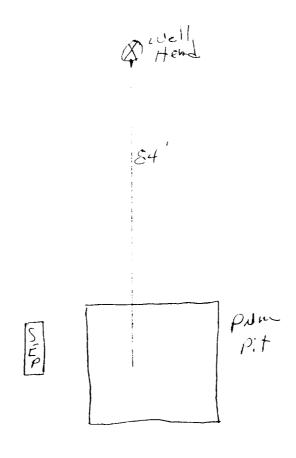
Operator: PNM Gas Services (Conco	Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 8740	
Facility or Well Name: Jichrilla	.5
Location: Unit: Sec. //	T. 26 N R. 4 W County Rio Arriba
Pit Type: Separator X Dehydrator	Other
Land Type: Jicarilla Apache	
Pit Location: Pit dimensions: length	29' width $34'$ depth $7'$
(Attach diagram) Reference: wellhead	X other
Footage from reference:	4′
Direction from reference: $S \frac{f_{r/3/3}}{f_{r/3/3}}$	Degrees East North of West South X
Depth to Ground Water:  (Vertical distance from contaminants to seasonal high water elevation of	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)
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) A CO points)
Distance to Surface Water:  (Honzontal 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)
Distance to Ephemeral Stream (dry wash):  (Honzontal distance to all downgradient streams having a width of at least 10 faet)	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)
Distance to Nearest Lake, Playa, or Watering Pond: (Horizontal distance to all downgradient lakes, playas, and investock or wildlife water ponds)	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)
	RANKING SCORE (TOTAL POINTS):

Date Remediation Started	: <u>7/24/97</u>	Date Completed:	9/17/97
Remediation Method:	Excavation X	Approx. Cubic Yards	180
(Check all appropriate	Landfarmed X	Amount Landfarmed (cu	bic yds): <i>/ &amp;</i>
sections)	Other		
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	OnsiteX	Offsite	
	ontaminated so below 100 pg-	cel from 13/1 for	,
Final Pit Closure	Sample Location Non	th East, South	and west
Sampling:	sid	e w//5	
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth  Sample date $7/2$	Sample time	
	Sample Results	W. 4	(
Soil:	Benzene (ppm)	Water: Benzene	<del></del> -
-	Total BTEX(ppm <u> </u>	<u>S</u> Toluene	(ppb)
	Field headspace (ppm) $\mathcal T$	1.4	nzene (ppb)
	TPH ND ppm Metho	d <u>80/5</u> Total Xy	lenes (ppb)
Ground Water Sampl			ch sample results)
I HEREBY CERTIFY THAT KNOWLEDGE AND MY IDATE  SIGNATURE  SIGNATURE  SIGNATURE		E IS TRUE AND COMPLETE TO PRINTED NAME Ronald A  AND TITLE Environmen	
AFTER REVIEW OF TH	E PIT CLOSURE INFORMATION OF TRIBE PIT CLOSURE ORDIN	ON, PIT CLOSURE IS APPROVIANCE.	ED IN ACCORDANCE
APPROVED: YES		EASON): SPARY +	close
SIGNED:	-CMo-l		2



5' Sample - 734pp-

Jicanilla C-5 Sec 11 Tabro R4W Unit D Conoco



OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

31-Jul-97

Company: PNM Gas Services

COC No.:

5521

Address: 603 W. Elm

Sample No.:

15477

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla C-5

9707241101; 4pt. Composite

24-Jul-97 Time:

. . . .

Project Location: Sampled by:

PA

Date:

31-Jul-97

11:01

Analyzed by: Sample Matrix: HR/DC

Soil

## Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

#### Quality Assurance Report

DRO QC No.: 0548-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	192	4.3	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	86	88	(70-130)	3	20%

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

Approved by: Date: 7/31/97

OFF: (505) 325-5667



LAB: (505) 325-1556

#### ANALYTICAL REPORT

Attn:

Denver Bearden

Date: 31-Jul-97

Company: PNM Gas Services

COC No.:

5521

Address:

Sample No.:

15477

603 W. Elm

Job No.:

2-1000

City, State: Farmington, NM 87401

PNM Gas Services - Jicarilla C-5

Project Name: Project Location:

9707241101; 4pt. Composite

Date:

24-Jul-97 Time:

11:01

Sampled by: Analyzed by: PΑ HR

30-Jul-97 Date:

Sample Matrix:

Soil

#### Laboratory Analysis

Parameter		Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Parameter		23 710007700			
Benzene		ND	ug/kg	1	_ug/kg_
Toluene		2	ug/kg	1	ug/kg
Ethylbenzene		4	ug/kg	1	ug/kg
m,p-Xylene		18	ug/kg	1	ug/kg
o-Xylene		3	ug/kg	1	ug/kg
	TOTAL	28	ug/kg		

ND - Not Detected at Limit of Quantitation

Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography

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 ( Conc	2( <u>A</u> ) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401	
Facility or Well Name:	C-5
Location: Unit: Sec//	T. 24 N R. 4 W County Rio Arriba
Land Type: Jicarilla Apache	
Date Remediation Started: 7/24/97  Remediation Method: Landfarmed X  Composted Other	Approx. cubic yards /80
Depth to Ground Water: (pts.)  Distance to an Ephemeral Stream: (pts.)	Final Closure Sampling:  Sampling Date: 8/14/97 Time 1/25
Distance to Nearest Lake, Playa, (pts.) or Watering Pond:	Sampling Results:
Wellhead Protection Area: (pts.)  Distance to Surface Water: (pts.)	Field Headspace (ppm) 50.3  TPH (ppm) 10 Method 8015
Ranking Score (Total Points):	Other
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS	TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF
DATE 6/20/97 SIGNATURE Ranaled A. Deduc	PRINTED NAME Ronald A. Dedrick  AND TITLE Environmental Technician II
JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE	SON) USE AS BUCKLILL  DATE: 8-20-97

39' 75' 56.300-12' Well 10' Hend 10' <u>4</u>5' 1.9pp-481 22.4pp-75'

OFF: (505) 325-5667



LAB: (505) 325-1556

### ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

18-Aug-97

Company: PNM Gas Services

COC No.:

5545

Address:

603 W. Elm

Sample No.:

15791

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla C-5 Landfarm

**Project Location:** 

9708141125; 5pt. Composite

Date:

14-Aug-97 Time:

11:25

Sampled by: Analyzed by:

HR/DC

Date:

15-Aug-97

Sample Matrix:

Soil

#### Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

#### Quality Assurance Report

DRO QC No.: 0548-STD

Continuing Calibration Verification

Continuing C	anviauvii vei					
	Method	Unit of	True	Analyzed		RPD
Parameter	Blank	Measure	Value	Value	RPD	Limit
Diesel Range (C10 - C28)	ND	ppm	200	194	2.9	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	83	85	(70-130)	2	20%

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

Approved by: Date: 8/18/97