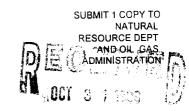
# Denny & Fourt JICARILLA APACHE TRIBE DEPUTY OIL & GAS INSPECTOR ENVIRONMENTAL PROTECTION OFFICE

FEE 2 8 1997

P.O. BOX 507 **DULCE, NEW MEXICO 87528** 

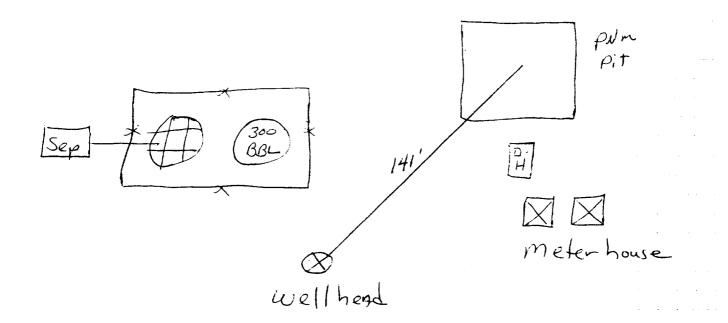


## PIT REMEDIATION AND CLOSURE REPORT

	and the second s		
Operator:	PNM Gas Services ( /)	enidina ) Telephone:	324-3764
Address: 60	3 W. Elm Street Farmington, NM	87401	And the same of th
Facility or Well	Name: Jicarilla	J-9E	
Location:	Unit: Sec	T. 26 N R. 5 W Co	ounty Rio Arriba
Pit Type:	Separator Dehydrat	or <u>X</u> Other	
Land Type: _	Jicarilla Apache		
Pit Location:	Pit dimensions: lengt	h <u> </u>	depth / O
(Attach diagram	) Reference: well	head X other	
	Footage from reference:	/4/	
	Direction from reference:	<u>45</u> Degrees _ East ←	- North
		of West	South
Depth to Grour (Vertical distance from conto seasonal high water ele-	ntaminants	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) ( 0 points)
ground water)		V.	ر (20 points)
(Less than 200 feet from a water source, or; less than other water sources)	private domestic	Yes No	( 0 points)
Distance to Su		Less than 200 feet 200 feet to 1,000 feet	(20 points) (10 points) ( 0 points)
lakes, ponds, rivers, strea creeks, irrigation canals a		Greater than 1,000 feet	( o points)
Distance to Ep  (Horizontal distance to all streams having a width of feet)		Le <b>ss</b> than or equal to 100 feet Greater than 100 feet	(10 points) (0 points)
Distance to Ne	earest Lake, Playa, or Watering	Less than or equal to 100 feet Greater than 100 feet	(10 points) O
(Horizontal distance to all lakes, playas, and livesto water ponds)			
		DANKING SCORE /TOTAL	POINTS) · /6

Date Remediation Started	: 7/30/96	Date Completed:	4/5/96
Remediation Method:	Excavation X	_ Approx. Cubic Yards	207
(Check all appropriate	Landfarmed X	Amount Landfarmed (cubic	9 <b>0</b> - TNT cyds): <u>11<b>7</b>-0n5if</u> c
sections)	Other		
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite	Offsite TNT/A	nd form. Bonch, Ninex
	ontaminated soil	from All four low 100 ppm	walls and nend space
Ground Water Encounte	red: NoX_ Yes	Depth	
Final Pit Closure Sampling:	Sample Location North	East South	west side
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth $\frac{10^{\circ}}{7/30/96}$	Sample time	1340
S	ample Results		
Soil: E	Benzene (ppm)	Water: Benzene (p	opb)
Т	otal BTEX (ppm	Toluene (p	opb)
F	ield headspace (ppm) 50,	Ethylbenze	ne (ppb)
T		8015 Total Xylen	es (ppb)
Ground Water Sample	: Yes No	(If yes, attach	sample results)
I HEREBY CERTIFY THA KNOWLEDGE AND MY B DATE 8/	3/96 PRIN	RUE AND COMPLETE TO T  TED NAME Ronald A. Do  TITLE Environmental	edrick
AFTER REVIEW OF THE TO JICARILLA APACHE	PIT CLOSURE INFORMATION, PI TRIBE PIT CLOSURE ORDINANCE	T CLOSURE IS APPROVED	IN ACCORDANCE
APPROVED: YES	NO (REASON		
SIGNED:	Manll DAT		

Sec. 26 T26N R5W Meridian



OFF: (505) 325-5667



LAB: (505) 325-1556

#### Diesel Range Organics

Attn:

Denver Bearden

Date:

2-Aug-96

Company: PNM Gas Services

COC No.:

4808

Address: 603 W. Elm Sample No.

11659

City, State: Farmington, NM 87401

Job No.

2-1000

Project Name:

PNM Gas Services - Jicarilla J-9E Run 12-01

**Project Location:** 

9607301340; 5pt. Composite

30-Jul-96 Time:

13:40

Sampled by: Analyzed by:

DC/HR

Date:

1-Aug-96

Sample Matrix:

Soil

#### Laboratory Analysis

Parameter	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.:

0479-QC

#### Calibration Check

	Method	Unit of	True	Analyzed					
Parameter	Blank	Measure	Value	Value	% Diff	Limit			
Diesel Range (C10 - C28)	< 5.0	ppm	2,000	1,994	0.3	15%			

Matrix Spike

	<u> </u>					
	1- Percent	2 - Percent				
Parameter Recovered		Recovered	Limit	%RSD	Limit	
Diesel Range (C10-C28)	109	99	(70-130)	7	20%	

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

Approved by: Date: 8/2/56

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL -GAS ADMINISTRATION

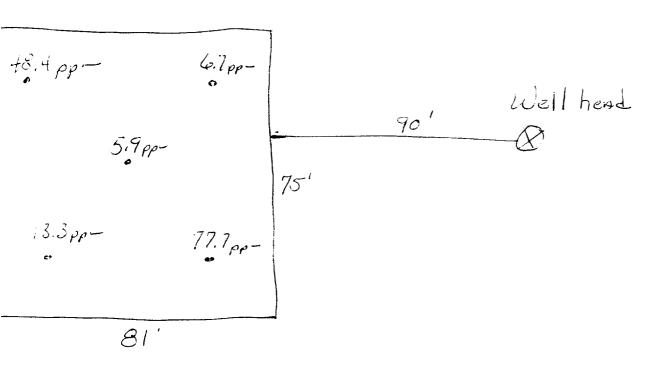
### JICARILLA APACHE TRIBE ENVIRONMENTAL PROTECTION OFFICE P.O. BOX 507 DULCE, NEW MEXICO 87528

#### **ON-SITE SOIL REMEDIATION REPORT**

Operator: PNM Gas Services (Mending) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Jicarilla J-9E
Location: Unit: D Sec. 26 T. 26 N R. 5 W County Rio Arriba
Land Type: Jicarilla Apache
Date Remediation Started: $\frac{7/30/96}{}$ Date Completed: $\frac{8/20/96}{}$
Remediation Method: Landfarmed X Approx. cubic yards //7
Composted Other
Depth to Ground Water: (pts.) & Final Closure Sampling:
Distance to an Ephemeral Stream: (pts.) 10 Sampling Date: 8/20/96 Time 1849
Distance to Nearest Lake, Playa, (pts.) Sampling Results:
Wellhead Protection Area: (pts.) Field Headspace (ppm) 77.7
Distance to Surface Water: (pts.) TPH (ppm) 44 Method 80/5
Ranking Score (Total Points):
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF
DATE 8/25/96 PRINTED NAME Ronald A. Dedrick
SIGNATURE Rada Deduck AND TITLE Environmental Technician II
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE
APPROVED: YES NO (REASON)
SIGNED: 2000 DATE: 8-26-96

Ticanilla J-9E RC 26 T26N RSW Meridian

Land Farm



OFF: (505) 325-5667



LAB: (505) 325-1556

#### Diesel Range Organics

Attn:

Denver Bearden

Company: PNM Gas Services

Address: 60.

603 W. Elm

City, State: Farmington, NM 87401

Date:

23-Aug-96

COC No.:

4850

Sample No.

11860

Job No.

2-1000

Project Name:

PNM Gas Services - Jicarilla J-9E Landfarm Run 12-01

**Project Location:** 

9608201905; 5pt. Composite

Date:

20-Aug-96 Time:

19:05

Sampled by: Analyzed by: RD DC/HR

Date:

22-Aug-96

Sample Matrix:

Soil

#### Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	445.7	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	104	3.9	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	88	101	(70-130)	10	20%

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

Approved by:
Date: 8/23/96