## JIÇARILLA APACHE TRIBE

### **ENVIRONMENTAL PROTECTION OFFICE**

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

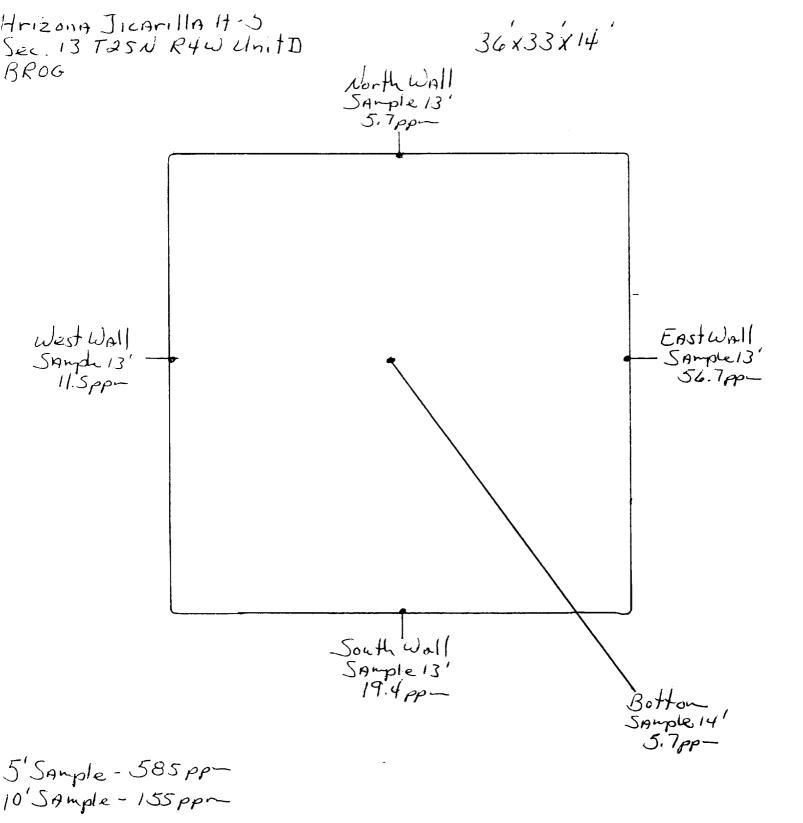
P.O. BOX 507 DULCE, NEW MEXICO 87528

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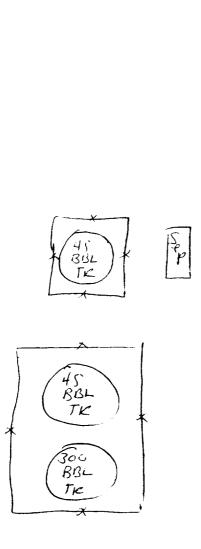
# PIT REMEDIATION AND CLOSURE REPORT

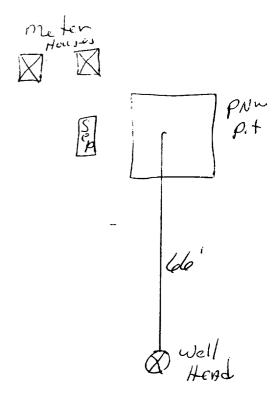
Operator: PNM Gas Services (BROG	) Telephone: 324-3764							
Address: 603 W. Elm Street Farmington, NM 87401								
Facility or Well Name: Arizona Jicarilla A-5								
Location: Unit: D Sec. 1.3	25 N R. 4 W County Rio Arriba							
Pit Type: Separator X Dehydrator	Other							
Land Type:								
Pit Location: Pit dimensions: length  (Attach diagram) Reference: wellhead  Footage from reference:	33   depth							
Direction from reference: Straigh								
Depth to Ground Water:  (Vertical distance from contaminants to seasonal high water elevation of ground water)  Wellhead Protection Area:  (Less than 200 feet from a private domestic water source, or; less than 1,000 feet from all	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)  Yes (20 points) No (20 points)							
other water sources)  Distance to Surface Water: OII CON. DIV.  (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)							
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)							
· ·	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)							
R	ANKING SCORE (TOTAL POINTS):							

Date Remediation Started	: <u>10/7/97</u> 1	Date Completed: 11/16/97
Remediation Method:	Excavation X	Approx. Cubic Yards
(Check all appropriate	Landfarmed X A	Amount Landfarmed (cubic yds): 6/6
sections)	Other	
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite <u>X</u>	Offsite
Removed Co And hoffen	on taminated soil	from All four side walls A below 100 pp head
Ground Water Encounte	red: No X Yes	Depth
Final Pit Closure Sampling:	Sample Location North E	act South west side
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth $\frac{1+1}{10/7/97}$	Sample time /205
\$	Sample Results	:
Soil: I	Benzene (ppm)	Water: Benzene (ppb)
1	Total BTEX (ppm	Toluene (ppb)
	Field headspace (ppm) $56.7$	Ethylbenzene (ppb)  Total Xylenes (ppb)
Ground Water Sample		(If the state of t
I HEREBY CERTIFY THA KNOWLEDGE AND MY E		JE AND COMPLETE TO THE BEST OF MY
. /	- /	ED NAME Ronald A. Dedrick
SIGNATURE Ron	ald A Deduck ANDT	TITLE Environmental Technician II
	E PIT CLOSURE INFORMATION, PIT	CLOSURE IS APPROVED IN ACCORDANCE
APPROVED: YES	NO (REASON):	
SIGNED: Leui	DATE:	10-14-97



Hrizona Jicarilla H-S Sec. 13 T25N R4W UnitD BROG





OFF: (505) 325-5667



LAB: (505) 325-1556

#### ANALYTICAL REPORT

Attn: Denver Bearden Date:

10-Oct-97

Company: PNM Gas Services

COC No.:

5616

Address:

603 W. Elm

Sample No.:

16531

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Arizona Jicarilla A-5

Project Location:

9710071205; 5pt. Composite SA

Date:

7-Oct-97 Time:

12:05

Sampled by: Analyzed by:

DC/HR

Date:

9-Oct-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.: 0555-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	202	1.0	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	103	104	(70-130)	1	20%

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

Approved by: Date: 10/10/97

P.O. BOX 2606 • FARMINGTON, NM 87499

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:	PNM Gas Services	(BROG)	Telephone: 324-3764					
Address:	603 W. Elm Street Farmington	n, NM 87401						
Facility or Well Name: Anizona Ticanilla A-5								
Location: Land Type:	Unit: 1	Sec. <u>//3</u> T. <u>-</u>	2.5 N R. 4 W County Rio Arriba					
Date Remediation Me		97	Date Completed: 11/4/97 Approx. cubic yards 6/6					
Depth to Grou	nd Water:	(pts.)	Final Closure Sampling:					
	Ephemeral Stream: earest Lake, Playa,	(pts.) <u>/O</u>	Sampling Date: 11/4/9) Time 1231					
or Watering Po	ond:	(pts.)	Sampling Results:					
Wellhead Prote Distance to Su		(pts.) $\overline{\mathcal{C}}$	Field Headspace (ppm) $\frac{87.9}{72}$ TPH (ppm) $\frac{72}{72}$ Method $\frac{80}{5}$					
	core (Total Points):	/0_	Other					
I HEREBY CER	TIFY THAT THE INFORMATIO	N ABOVE IS TRUE AND (	COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF					
DATE /// PRINTED NAME Ronald A. Dedrick								
SIGNATURE Round AND TITLE Environmental Technician II								
AFTER REVIEV	V OF THE SOIL REMEDIATION	N INFORMATION, ON-SIT	E REMEDIATION APPROVED IN ACCORDANCE TO THE					
APPROVED:	YES <u>×</u> NO	(REASON)						
SIGNED: 👱	Vie (7na	DATI	E: 11-12-97					

Hrizona Jicarilla H-5 Sec. 13 T25N R4W UnitD BROG

LAndfarm

126' 14.8pp 29.6pp-39' 45 Well Hend 195' 17.4pp-87.9pp\_

66'

OFF: (505) 325-5667



LAB: (505) 325-1556

#### ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

7-Nov-97

Company: PNM Gas Services

COC No.:

5630

Address:

16765

603 W. Elm

Sample No.:

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Arizona Jicarilla A-5 Landfarm

Project Location:

9711041231; 6pt. Composite

RB

Date: Date: 4-Nov-97 Time:

12:31

Sampled by: Analyzed by:

DC/HR

6-Nov-97

Sample Matrix:

Soil

#### Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	72	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

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