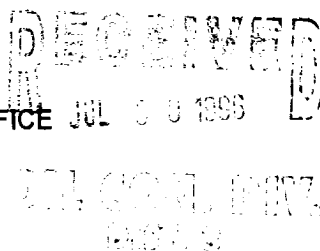


*Denny E. Frost*  
DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

ENVIRONMENTAL PROTECTION OFFICE



SUBMIT 1 COPY TO  
NATURAL  
RESOURCE DEPT  
AND OIL GAS  
ADMINISTRATION

OCT 19 1996

P.O. BOX 507  
DULCE, NEW MEXICO 87528

## PIT REMEDIATION AND CLOSURE REPORT

<b>Operator:</b>	PNM Gas Services ( Meridian )		<b>Telephone:</b>	324-3764
<b>Address:</b>	603 W. Elm Street Farmington, NM 87401			
<b>Facility or Well Name:</b>	Jicarilla 103-3			
<b>Location:</b>	Unit: <u>L</u>	Sec. <u>19</u>	T. <u>26 N</u>	R. <u>4 W</u> County <u>Rio Arriba</u>
<b>Pit Type:</b>	Separator <input type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other <input type="checkbox"/>	
<b>Land Type:</b>	<u>Jicarilla Apache</u>			
<b>Pit Location:</b>	Pit dimensions:		length <u>20</u>	width <u>20</u> depth <u>2</u>
(Attach diagram)	Reference:		wellhead <input checked="" type="checkbox"/>	other <input type="checkbox"/>
	Footage from reference:		<u>75'</u>	
	Direction from reference:		due <u>      </u> Degrees <u>      </u> East <u>      </u> North <u>      </u>	
			<u>      </u> West <u>      </u> of South <input checked="" type="checkbox"/>	
<b>Depth to Ground Water:</b>	(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)	<u>0</u>
			Greater than 100 feet (0 points)	
<b>Wellhead Protection Area:</b>	(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)		Yes (20 points)	<u>0</u>
			No (0 points)	
<b>Distance to Surface Water:</b>	(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)	<u>0</u>
			Greater than 1,000 feet (0 points)	
<b>Distance to Ephemeral Stream (dry wash):</b>	(Horizontal distance to all downgradient streams having a width of at least 10 feet)		Less than or equal to 100 feet (10 points)	<u>10</u>
			Greater than 100 feet (0 points)	
<b>Distance to Nearest Lake, Playa, or Watering Pond:</b>	(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)		Less than or equal to 100 feet (10 points)	<u>0</u>
			Greater than 100 feet (0 points)	
<b>RANKING SCORE (TOTAL POINTS):</b>			<u>10</u>	

Date Remediation Started: \_\_\_\_\_ Date Completed: \_\_\_\_\_

Remediation Method: Excavation \_\_\_\_\_ Approx. Cubic Yards 0

(Check all appropriate sections) Landfarmed \_\_\_\_\_ Amount Landfarmed (cubic yds): \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location: Onsite \_\_\_\_\_ Offsite \_\_\_\_\_  
(i.e., landfarmed onsite, name and location of offsite facility)

**General Description of Remedial Action:**

No remedial action necessary-, laboratory results are below BLM standards.

Ground Water Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_

**Final Pit Closure Sampling:**

Sample Location Center of Pit Bottom

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

Sample depth 3'

Sample date 11/27/95 Sample time 11:14:00 AM

**Sample Results**

Benzene (ppm) < 0.2

Water: Benzene (ppb) \_\_\_\_\_

Total BTEX (ppm) < 0.2

Toluene (ppb) \_\_\_\_\_

Field headspace (ppm) 13

Ethylbenzene (ppb) \_\_\_\_\_

TPH < 25 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 7-26-96 PRINTED NAME Denver Bearden

SIGNATURE Denver Bearden AND TITLE Administrator III

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: \_\_\_\_\_ DATE: \_\_\_\_\_

OFF: (505) 325-8786



LAB: (505) 325-5667

### **TOTAL PETROLEUM HYDROCARBONS**

Attn: *Denver Bearden*  
Company: *PNM Gas Services*  
Address: *603 W. Elm*  
City, State: *Farmington, NM 87401*

Date: 30-Nov-95  
COC No.: 3657  
Sample No. 9422  
Job No. 2-1000

Project Name: **PNM Gas Services - Jicarilla 103-3**  
Project Location: **Jicarilla 103-3**  
Sampled by: RD/GC  
Analyzed by: HR  
Type of Sample: *Soil*

Date: 27-Nov-95 Time: 11:14  
Date: 29-Nov-95

#### **Laboratory Analysis**

<b>Laboratory Identification</b>	<b>Sample Identification</b>	<b>Total Petroleum Hydrocarbons</b>
9422-3657	PNM Gas Services - Jicarilla 103-3 Jicarilla 103-3	< 25 mg/kg

#### **Quality Assurance Report**

<b>Laboratory Identification</b>	<b>Analyzed Value</b>	<b>Acceptable Range</b>	<b>Units of Measure</b>
Laboratory Fortified Blank Soil - QCBS1	44	22 - 46	mg/kg
Laboratory Fortified Spike Soil - QCSS1	838	828 - 1024	mg/kg

**Method** - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:

Date:

*John*  
11/30/95

P. O. BOX 2606 • FARMINGTON, NM 87499

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OFF: (505) 325-8786

LAB: (505) 325-5667

**AROMATIC VOLATILE ORGANICS**

Attn: *Denver Bearden*  
Company: *PNM Gas Services*  
Address: *603 W. Elm*  
City, State: *Farmington, NM 87401*

Date: *30-Nov-95*  
COC No.: *3657*  
Sample No. *9422*  
Job No. *2-1000*

Project Name: *PNM Gas Services - Jicarilla 103-3*  
Project Location: *Jicarilla 103-3*  
Sampled by: *RD/GC* Date: *27-Nov-95* Time: *11:14*  
Analyzed by: *DC* Date: *29-Nov-95*  
Type of Sample: *Soil*

**Aromatic Volatile Organics**

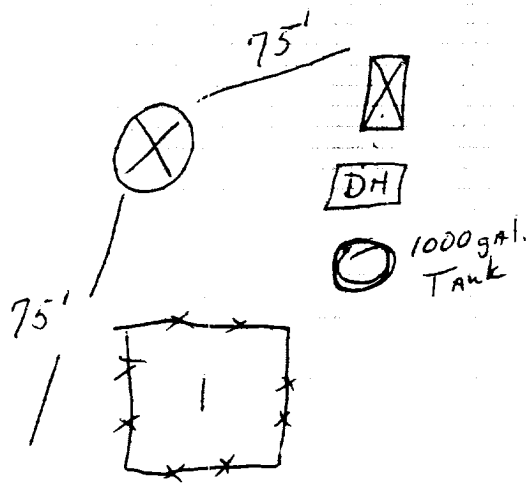
<b>Component</b>	<b>Result</b>	<b>Units of Measure</b>	<b>Detection Limit</b>	<b>Units of Measure</b>
<i>Benzene</i>	<i>&lt;0.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Toluene</i>	<i>&lt;0.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Ethylbenzene</i>	<i>&lt;0.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>m,p-Xylene</i>	<i>&lt;0.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>o-Xylene</i>	<i>&lt;0.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>TOTAL</i>	<i>&lt;0.2</i>	<i>ug/kg</i>		

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

Approved by: *Jag*  
Date: *11/30/95*

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Assessor's Signature		Date:	
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