

*Deming*  
DEPUTY OIL & GAS INSPECTOR

MAR 28 1997

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

PIT REMEDIATION AND CLOSURE REPORT

Operator:	PNM Gas Services ( <i>Bayless</i> )		Telephone:	324-3764	
Address:	603 W. Elm Street Farmington, NM 87401				
Facility or Well Name:	<i>Axi Apache C-1</i>				
Location:	Unit: <i>M</i>	Sec. <i>4</i>	T. <i>23</i> N	R. <i>5</i> W	County <i>Rio Arriba</i>
Pit Type:	Separator	Dehydrator	Other	<i>Drip</i>	
Land Type:	<i>Jicarilla Apache</i>				

  

Pit Location:	Pit dimensions:	length <i>20</i>	width <i>20</i>	depth <i>4</i>
(Attach diagram)	Reference:	wellhead <i>X</i>	other	
	Footage from reference:	<i>75'</i>		
	Direction from reference:	<i>Straight</i> Degrees	East	North
			West	South <i>X</i>

  

Depth to Ground Water:	Less than 50 feet	(20 points)	
(Vertical distance from contaminants to seasonal high water elevation or ground water)	50 feet to 99 feet	(10 points)	<i>0</i>
	Greater than 100 feet	(0 points)	
Wellhead Protection Area:	Yes	(20 points)	<i>0</i>
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	No	(0 points)	
Distance to Surface Water:	Less than 200 feet	(20 points)	
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	200 feet to 1,000 feet	(10 points)	<i>0</i>
	Greater than 1,000 feet	(0 points)	
Distance to Ephemeral Stream (dry wash):	Less than or equal to 100 feet	(10 points)	
(Horizontal distance to all downgradient streams having a width of at least 10 feet)	Greater than 100 feet	(0 points)	<i>10</i>
Distance to Nearest Lake, Playa, or Watering Pond:	Less than or equal to 100 feet	(10 points)	<i>0</i>
(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Greater than 100 feet	(0 points)	

  

RANKING SCORE (TOTAL POINTS): *10*

Date Remediation Started: 10-1-96 Date Completed: 10-1-96

Remediation Method: Excavation                      Approx. Cubic Yards 8

(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:**

Clear close - No contamination found above 2 ppm head space reading during assessment.

Ground Water Encountered: No X Yes                      Depth                     

**Final Pit Closure Sampling:**

Sample Location 3 point

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

Sample depth 52"

Sample date 9/25/96 Sample time 1426

**Sample Results**

Soil: Benzene (ppm)                      Water: Benzene (ppb)                     

Total BTEX (ppm)                      Toluene (ppb)                     

Field headspace (ppm) 1.2 Ethylbenzene (ppb)                     

TPH 7.1 ppm Method 8015 Total Xylenes (ppb)                     

Ground Water Sample: Yes                      No X (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 9/29/96 PRINTED NAME Ronald A. Dedrick

SIGNATURE Ronald A. Dedrick AND TITLE Environmental Technician II

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO                      (REASON):                     

SIGNED: Kenn C. Marshall DATE: 9-30-96

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: *26-Sep-96*  
COC No.: *5317*  
Sample No. *12319*  
Job No. *2-1000*

Project Name: *PNM Gas Services - Axi Apache C-1 Run 116*  
Project Location: *9609251426; 3pt. Composite, 52"*  
Sampled by: *RD* Date: *25-Sep-96* Time: *14:26*  
Analyzed by: *DC/BV* Date: *26-Sep-96*  
Sample Matrix: *Soil*

***Laboratory Analysis***

<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Diesel Range Organics (C10 - C28)</i>	<i>7.1</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

***Quality Assurance Report***

*DRO QC No.: 0489-QC*

***Calibration Check***

<i>Parameter</i>	<i>Method Blank</i>	<i>Unit of Measure</i>	<i>True Value</i>	<i>Analyzed Value</i>	<i>% Diff</i>	<i>Limit</i>
<i>Diesel Range (C10 - C28)</i>	<i>&lt; 5.0</i>	<i>ppm</i>	<i>100</i>	<i>100</i>	<i>0.5</i>	<i>15%</i>

***Matrix Spike***

<i>Parameter</i>	<i>1 - Percent Recovered</i>	<i>2 - Percent Recovered</i>	<i>Limit</i>	<i>%RSD</i>	<i>Limit</i>
<i>Diesel Range (C10-C28)</i>	<i>96</i>	<i>150</i>	<i>(70-130)</i>	<i>31</i>	<i>20%</i>

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

Approved by: *[Signature]*  
Date: *9/26/96*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Axi Apache C-1  
Sec. 4 T23N R5W  
Bayless

