

Denngel
DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

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

MAR 28 1997

ENVIRONMENTAL PROTECTION OFFICE

P.O. BOX 507
DULCE, NEW MEXICO 87528

Approved
PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>PNM Gas Services (Bayless)</u>		Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>			
Facility or Well Name: <u>Axi Apache H-1</u>			
Location:	Unit: <u>H</u>	Sec. <u>5</u>	T. <u>23</u> N R. <u>5</u> W County <u>Rio Arriba</u>
Pit Type:	Separator <u> </u>	Dehydrator <u> </u>	Other <u>Drip</u>
Land Type:	<u>Jicarilla Apache</u>		
Pit Location:	Pit dimensions: length <u>15'</u> width <u>1.3'</u> depth <u>9'</u>		
(Attach diagram)	Reference:	wellhead <u>X</u> other <u> </u>	
	Footage from reference: <u>90'</u>		
	Direction from reference: <u>Straight</u> Degrees <u> </u> East <u> </u> North <u> </u>		
	<u> </u> West of South <u>1</u>		
Depth to Ground Water:		(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)
		Greater than 100 feet	(0 points)
Wellhead Protection Area:		Yes	(20 points)
(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)
		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)
Distance to Nearest Lake, Playa, or Watering Pond:		Less than or equal to 100 feet	(10 points)
(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)		Greater than 100 feet	(0 points)
RANKING SCORE (TOTAL POINTS):			<u>10</u>

Date Remediation Started: 10/1/96 Date Completed: 11-11-96

Remediation Method: Excavation X Approx. Cubic Yards 6.5

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds): 6.5

Other _____

Remediation Location: Onsite X Offsite _____

(i.e., landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action:

Removed contaminated soil from all four side walls and pit bottom as to get a below 100 ppm head space reading.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

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

Sample Location North East, South, West side walls and pit bottom

Sample depth 9'

Sample date 10/1/96 Sample time 1457

Sample Results

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

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 2.8 Ethylbenzene (ppb) _____

TPH <5.0 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 10/4/96 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 ✓ NO _____ (REASON): _____

SIGNED: Gabriel Julian DATE: 10/7/96

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: *2-Oct-96*
 COC No.: *5289*
 Sample No. *12426*
 Job No. *2-1000*

Project Name: *PNM Gas Services - Axi Apache H-1 Run 116*
 Project Location: *9610011457; 5pt. Composite*
 Sampled by: *EP* Date: *1-Oct-96* Time: *14:57*
 Analyzed by: *BV* Date: *2-Oct-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><5.0</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><5.0</i>	<i>ppm</i>	<i>100</i>	<i>100</i>	<i>0.2</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>91</i>	<i>79</i>	<i>(70-130)</i>	<i>10</i>	<i>20%</i>

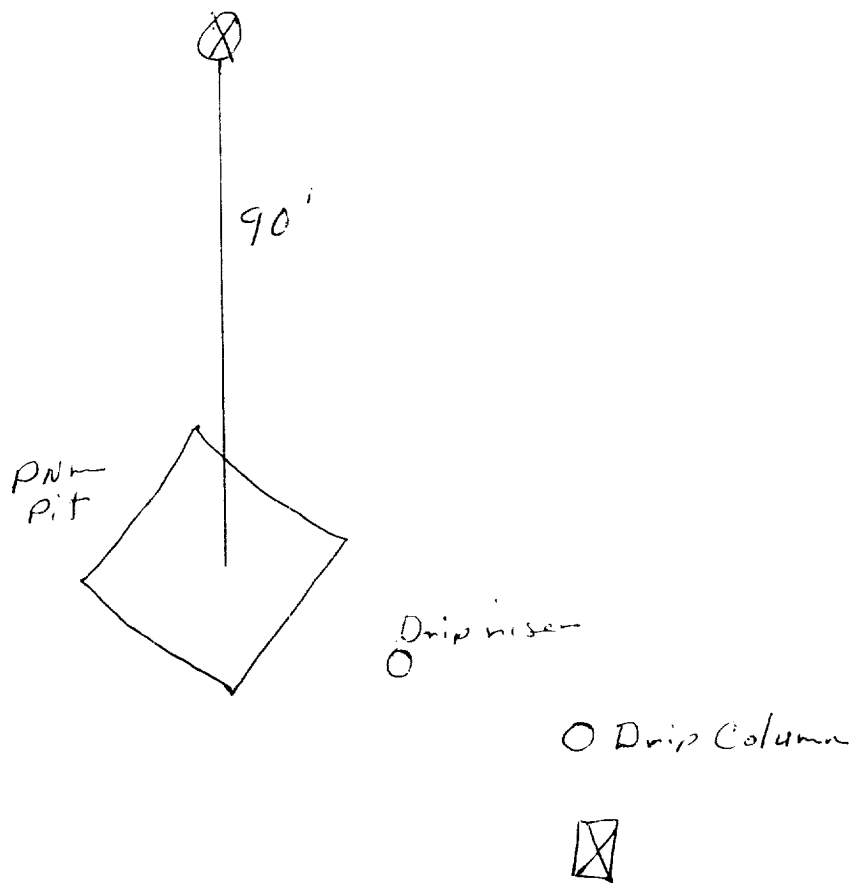
Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *[Signature]*
 Date: *10/3/96*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Ax1 Apache H-1
Sec 5 T23N R5W
Bayless



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

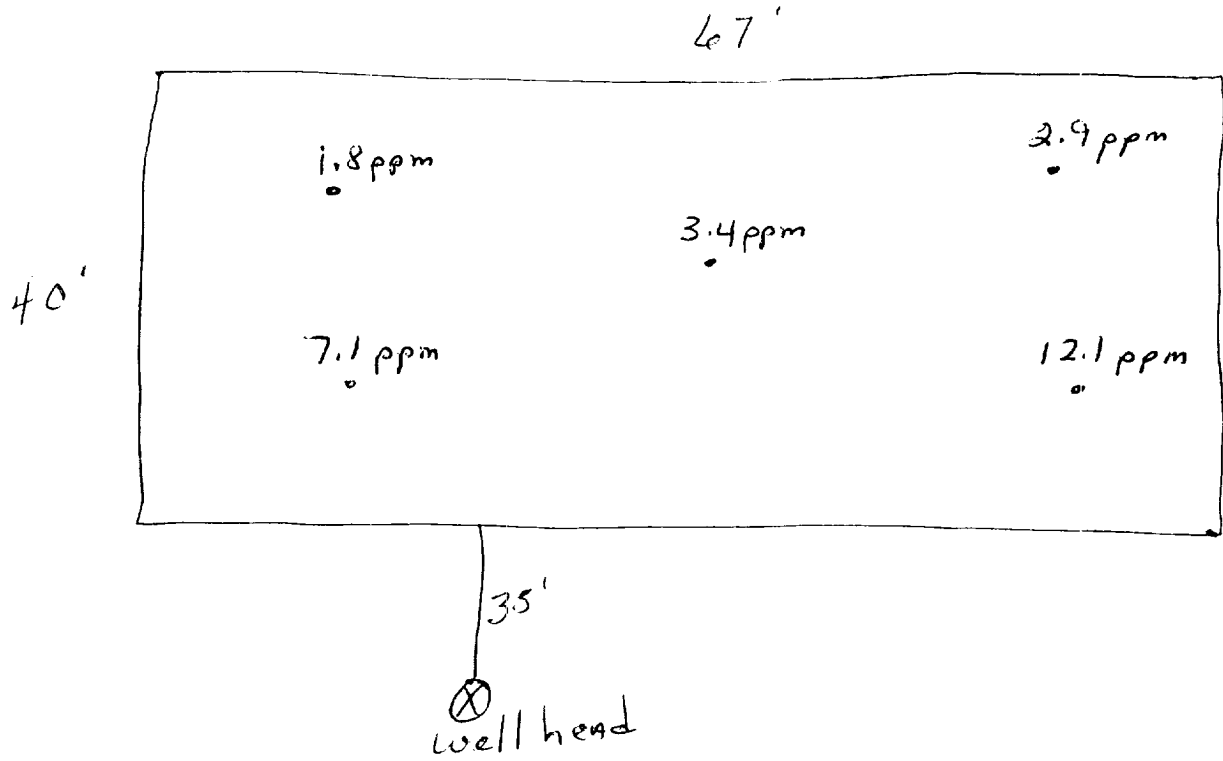
SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL-GAS
ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: PNM Gas Services (Bayless)		Telephone: 324-3764	
Address: 603 W. Elm Street Farmington, NM 87401			
Facility or Well Name: Axi Apache H-1			
Location: Unit: H		Sec. 5 T. 23 N R. 5 W County Rio Arriba	
Land Type: Jicarilla Apache			
Date Remediation Started: 10/1/96		Date Completed: 10/22/96	
Remediation Method: Landfarmed <input checked="" type="checkbox"/>		Approx. cubic yards 65	
Composted <input type="checkbox"/>			
Other <input type="checkbox"/>			
Depth to Ground Water: (pts.) 5		Final Closure Sampling:	
Distance to an Ephemeral Stream: (pts.) 10		Sampling Date: 10/22/96 Time 1822	
Distance to Nearest Lake, Playa, or Watering Pond: (pts.) 5		Sampling Results:	
Wellhead Protection Area: (pts.) 5		Field Headspace (ppm) 12.1	
Distance to Surface Water: (pts.) 5		TPH (ppm) <5.0 Method 8015	
Ranking Score (Total Points): 10		Other	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE 10/22/96		PRINTED NAME Roy Burnham	
SIGNATURE Roy Burnham		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 <input checked="" type="checkbox"/> NO <input type="checkbox"/> (REASON)			
SIGNED: Roy C. M... (signature)		DATE: 10-28-96	

4x17 pache 17-1
Sec. 5 T23N R5W
Bayless

Land farm



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: *25-Oct-96*
COC No.: *5385*
Sample No. *12676*
Job No. *2-1000*

Project Name: *PNM Gas Services - Axi Apache H-1 Landfarm Run 116*
Project Location: *9610221822; 5pt. Composite*
Sampled by: *RB* Date: *22-Oct-96* Time: *18:22*
Analyzed by: *DC/HR* Date: *25-Oct-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>< 5.0</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>< 5.0</i>	<i>ppm</i>	<i>100</i>	<i>92</i>	<i>7.6</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>114</i>	<i>104</i>	<i>(70-130)</i>	<i>6</i>	<i>20%</i>

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

Approved by: *Dan G*
Date: *10/25/96*