Denny S. Fourt DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

FEB 26 1998

ENVIRONMENTAL PROTECTION OFFICE

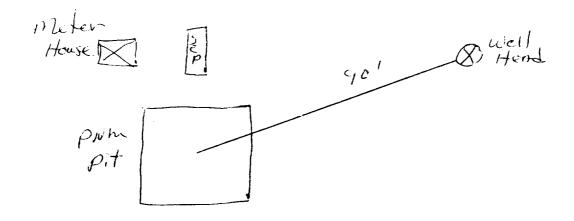
P.O. BOX 507 DULCE, NEW MEXICO 87528

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Ama	<u> </u>
Address: 603 W. Elm Street Farmington, NM 874	401
Facility or Well Name: Jicanilla Ap	pache 102-5
Location: Unit: Sec	T. 26 N R. 4 W County Rio Arriba
Pit Type: Separator X Dehydrator	Other
Land Type:	
Pit Location: Pit dimensions: length	29 width 22 depth 4
(Attach diagram) Reference: wellhead	d X other
Footage from reference:	70
Direction from reference: 30	Degrees East North
	West ← South
Depth to Ground Water:	Less than 50 feet (20 points)
(Vertical distance from contaminants to seasonal high water elevation of	50 feet to 99 feet (10 points) Greater than 100 feet (0 points)
wellhead Protection Area: DECEWE	Yes (20 points)
(Less than 200 feet from a private domestic water source, or; less than 1,000 feet from all other water sources) NOV - 3 1997	No (0 points)
Distance to Surface Water:	Less than 200 feet (20 points) 200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points)
lakes, ponds, rivers, streams, creeks, ringation canals and ditches)	
Distance to Ephemeral Stream (dry wash): (Honzontal 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)
Distance to Nearest Lake, Playa, or Watering Pond: (Honzontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Less than or equal to 100 feet Greater than 100 feet (10 points) (0 points)
	RANKING SCORE (TOTAL POINTS):

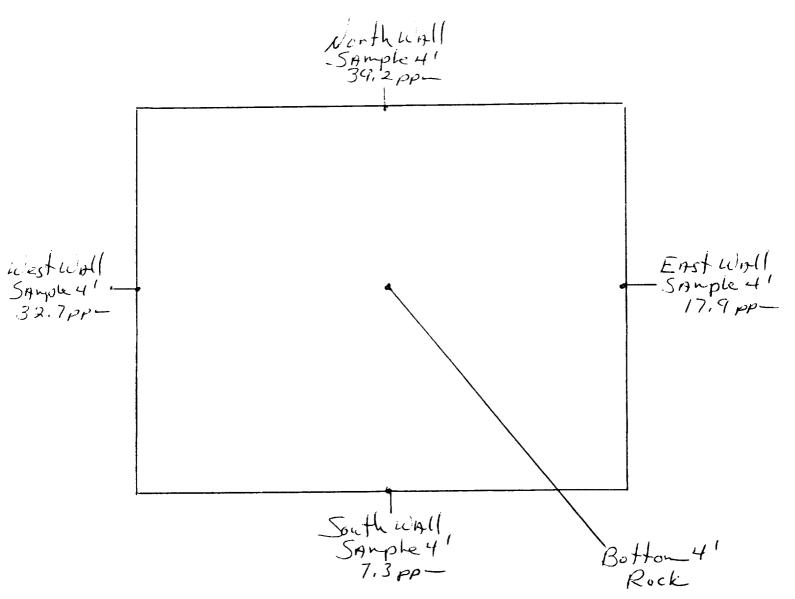
Date Remediation Started: 7/1/97 D	ate Completed: $\frac{\mathcal{E}/5/97}{}$
Remediation Method: Excavation Ap	oprox. Cubic Yards
(Check all Landfarmed X Arappropriate	mount Landfarmed (cubic yds): 95
Other	
Remediation Location: Onsite	Offsite
General Description of Remedial Action: Removed Contaminated Soil 1.2115 As to get A below northing Bettom is neck	from All four side 100 pp hend space
Ground Water Encountered: No Yes	Depth
Final Pit Closure Sample Location North	Enst, Scath, And
(if multiple samples, attach sample depth sample result and diagram of	
sample locations and depths.) Sample date 7/1/97	Sample time /5/5
Sample Results	Mater Demone (aut)
Soil: Benzene (ppm)	Water: Benzene (ppb) Toluene (ppb)
Total BTEX (ppm	Ethylbenzene (ppb)
Field headspace (ppm) 39,2 TPH <u>N D ppm</u> Method 80	Total Xylenes (nph)
Ground Water Sample: Yes No	46
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE KNOWLEDGE AND MY BELIEF	AND COMPLETE TO THE BEST OF MY
DATE 7/9/97 PRINTED	NAME Ronald A. Dedrick
SIGNATURE Romall A Diduce AND TIT	LE Environmental Technician II
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CL TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.	LOSURE IS APPROVED IN ACCORDANCE
APPROVED: YES NO (REASON):	SPRAY & Close
SIGNED: Leo C. 71 Jones DATE:	7-9-97

JICHMIIIA IT PACHE 102-3 Sec. 4 T26N R4W UnitG Amoco



Sec. 4 Table R4W Unit G. Amoco

29x22x4'



OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: Denver Bearden Date:

8-Jul-97

Company: PNM Gas Services

COC No.:

5500

Address: 603 W. Elm Sample No.:

15186

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services -Jicarilla Apache 102-5

Project Location:

9707011515; 4pt. Composite

РΑ

Date: Date:

1-Jul-97 Time:

15:15

Sampled by: Analyzed by:

DC/HR

8-Jul-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.: 0548-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	185	7.8	15%

Matrix Snike

- папи орж	<u> </u>				
	1- Percent	2 - Percent			RPD
Parameter	Recovered	Recovered	Limit	RPD	Limit
Diesel Range (C10-C28)	84	89	(70-130)	5	20%

Method - SW-846 EP.4 Method 8015.4 mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: Heidi Roese Date: 7/9/97

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: Denver Bearden

Date:

9-Jul-97

Company: PNM Gas Services

COC No.:

5500

Address: 603 W. Elm

Sample No.:

15186

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla Apache 102-5

Project Location:

9707011515; 4pt. Composite PA

Date: Date:

1-Jul-97 Time:

15:15

Sampled by: Analyzed by:

DC

8-Jul-97

Sample Matrix:

Soil

Laboratory Analysis

		Results	Unit of	Limit of	Unit of	
Parameter		as Received	Measure	Quantitation	Measure	
Benzene		ND	ug/kg	1	ug/kg	
Toluene		ND	ug/kg	1	ug/kg	
Ethylbenzene		ND	ug/kg	1	ug/kg	
m,p-Xylene		1	ug/kg	1	ug/kg	
o-Xylene		ND	ug/kg	1	ug/kg	
	TOTAL	1	ug/kg			

ND - Not Detected at Limit of Quantitation

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

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 (/?mjoco)	Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401	
Facility or Well Name: Jicanilla 17,0130	he 102-5
Location: Unit:	
Land Type: Jicarilla Apache	
Date Remediation Started:	Date Completed: 7/16/97 Approx. cubic yards 95
Depth to Ground Water: (pts.)	Final Closure Sampling:
Depth to Ground Water: (pts.) Distance to an Ephemeral Stream: (pts.)	Sampling Date: 7/16/97 Time 1006
Distance to Nearest Lake, Playa, (pts.)	Sampling Results:
Wellhead Protection Area: (pts.)	Field Headspace (ppm) 30,4
Distance to Surface Water: (pts.)	TPH (ppm) <u>\(\int \(\mathcal{D} \) \(\text{Method} \) Other</u>
Ranking Score (Total Points):	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND	COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF
DATE 7/24/97 PRINTED NA SIGNATURE - Ranaid A Dedrick ANI	AME Ronald A. Dedrick
SIGNATURE - Rangiel A Dedrick ANI	D TITLE Environmental Technician II
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SI JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE	FE REMEDIATION APPROVED IN ACCORDANCE TO THE
APPROVED: YES NO (REASON)	use as Backfill
SIGNED: XFILL Man DAT	E: <u>7-29-97</u>

Sec. 4 T26N R4W Unit G Homoco

LAndfarm

271 451 11.4ppm 3.8pp-8.6pp~

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: Denver Bearden Date:

24-Jul-97

Company: PNM Gas Services

COC No.:

552**6**

Address:

603 W. Elm

Sample No.:

15378

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla Apache 102-5 Landfarm

Project Location:

9707161006; 5pt. Composite

RB

Date:

16-Jul-97 Time:

10:06

Sampled by: Analyzed by:

DC

Date:

22-Jul-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.: 0548-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	194	2.9	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	88	93	(70-130)	5	20%

 $\textbf{Method -} \textit{SW-846 EPA Method 8015A} \;\; \textit{mod. -Nonhalogenated Volatile Hydrocarbons by Gas Chromatography} \\$

Approved by: Date: