DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

FEB 26 1998

ENVIRONMENTAL PROTECTION OFFICE

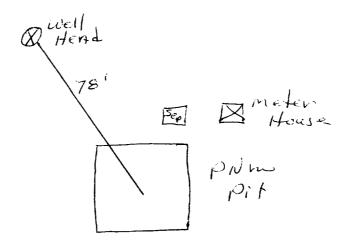
P.O. BOX 507 DULCE, NEW MEXICO 87528

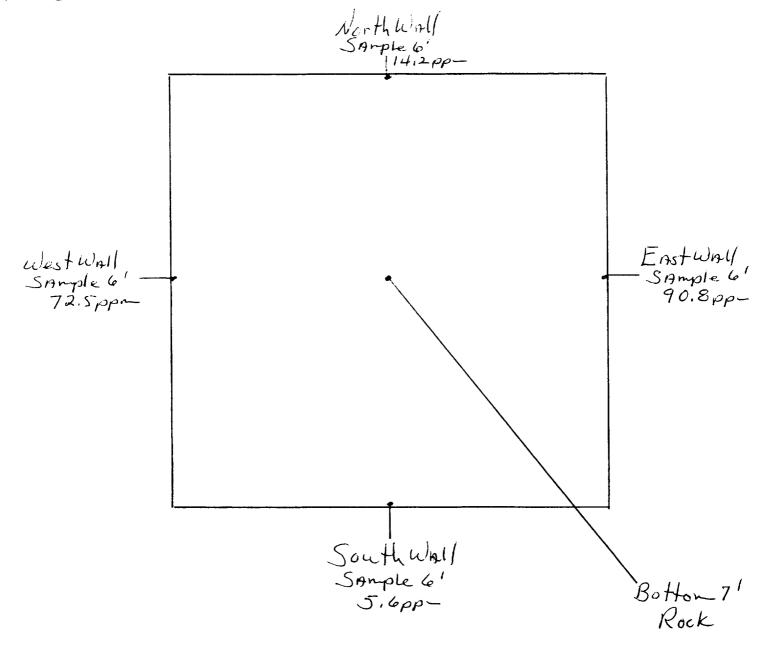
PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Amac	<u>C</u>) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 8740	1
Facility or Well Name: Sicarilla Apach	ne 102-21
Location: Unit: 1 Sec. 4	r. <u>J</u> & N R. <u>4 W</u> County Rio Arriba
Pit Type: Separator Dehydrator	Other
Land Type:	-
Pit Location: Pit dimensions: length	32 width 29 depth 7
(Attach diagram) Reference: wellhead	X other
Footage from reference: 7	e'
Direction from reference: 40	Degrees East North
	West South
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: (Less than 200 feet from a private domestic water source, or; less than 1,000 feet from all other water sources) NOV - 3 1997	Yes (20 points) O No (0 points)
Distance to Surface Water: O CONO DIV	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): (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: (Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)
	PANKING SCOPE (TOTAL POINTS)

Date Remediation Started	: 7/1/97	Date Completed:	7/30/97
Remediation Method:	Excavation X	Approx. Cubic Yards	241
(Check all appropriate	Landfarmed X	Amount Landfarmed (cub	ic yds):
sections)	Other		
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	OnsiteX	Offsite	
General Description of R Removed 115 to get 130 to get	emedial Action: Son taminated	1	
Ground Water Encounte	red: No X Yes	Depth _	
Final Pit Closure Sampling:	Sample Location North	LUALLS Outh	and west
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth Sample date 7/1/9	7 Sample time	0926
	ample Results	Motor: Bonzono	
	fotal BTEX (ppm) 0.005	Water: Benzene (Toluene (· · · · · · · · · · · · · · · · · · ·
	ield headspace (ppm) 90		
	PH Method	8015 Total Xyle	nes (ppb)
Ground Water Sample	: Yes No	(If yes, attach	sample results)
I HEREBY CERTIFY THAT KNOWLEDGE AND MY B DATE SIGNATURE	9/97 - (1) Dal - PRII	TRUE AND COMPLETE TO NTED NAME Ronald A. [ID TITLE Environmenta	Dedrick
	PIT CLOSURE INFORMATION, I TRIBE PIT CLOSURE ORDINANO		D IN ACCORDANCE
APPROVED: YES	NO (REASC	DN): Spray & C	lose
SIGNED:	Manuel DA	TE: <u>7-9-9</u> >	

Sec. 4 T26N R4W Unit D Hmoco





5'Sample-680ppn

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.:

15183

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services -Jicarilla Apache 102-21

Project Location:

9707010926; 4pt. Composite

PA

Date:

1-Jul-97 Time:

9:26

Sampled by: Analyzed by:

DC/HR

Date: 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

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

Matrix Spike

Parameter	1- Percent 2 - Percent Recovered Recovered		Limit	RPD	RPD Limit
Diesel Range (C10-C28)	84	89	(70-130)	5	20%

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

Approved by: Heigh Ressi 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.:

15183

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla Apache 102-21

Project Location: Sampled by:

9707010926; 4pt. Composite PΑ

Date: Date:

1-Jul-97 Time:

9:26

Analyzed by: Sample Matrix: DC Soil 8-Jul-97

Laboratory Analysis

Parameter		Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene		ND	ug/kg	1	ug/kg
Toluene		ND	ug/kg	1	ug/kg
Ethylbenzene		2	ug/kg	1	ug/kg
m,p-Xylene		2	ug/kg	1	ug/kg
o-Xylene		1	ug/kg	1	ug/kg
	TOTAL	5	no/ko		

ND - Not Detected at Limit of Quantitation

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

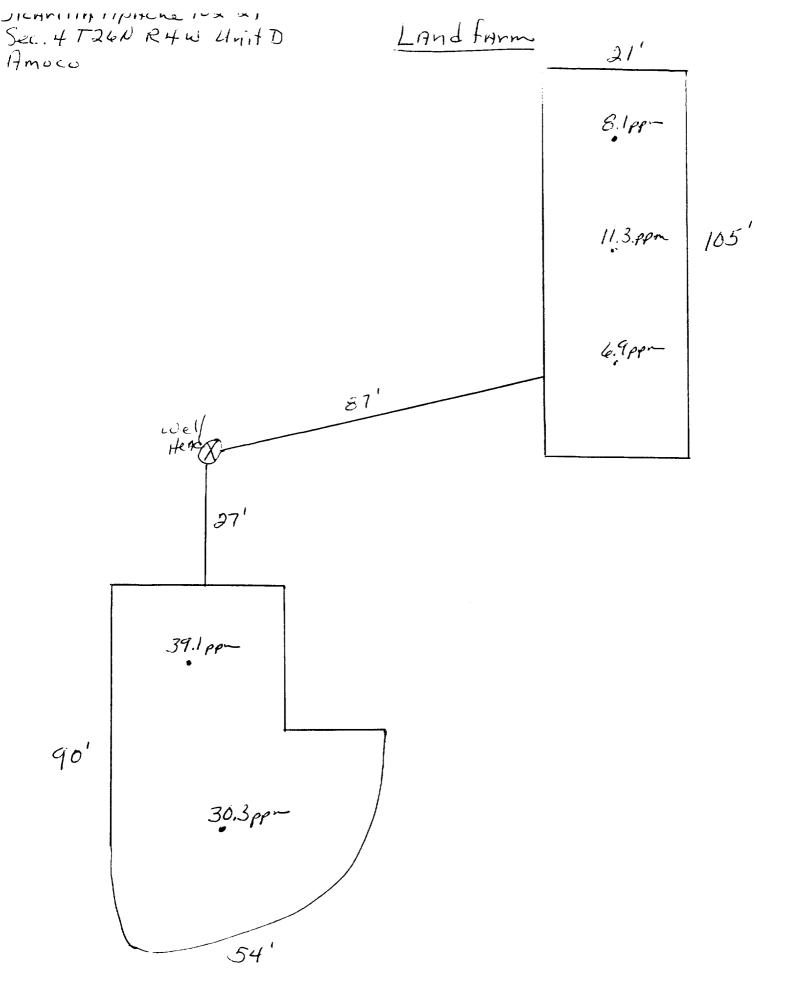
Approved by: Heidi Resse Date: 7/9/97

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	(Amoco)	Telephone: 324-3764						
· -	602 W Elm Street Femiliat								
Address: 603 W. Elm Street Farmington, NM 87401									
Facility or We	ell Name: JICAN	11n Apache	102-21						
Location:	Unit:	Sec	Q & N R. 4 W County Rio Arriba						
Land Type:	Jicarilla Apache								
		,							
Date Remediation	on Started: $\frac{7/1}{2}$	197	Date Completed: 7/14/97						
Remediation Me	thod: Landfarmed _	<u>×</u> _	Approx. cubic yards 241						
	Composted _								
	Other								
Depth to Grour	nd Water:	(pts.)	Final Closure Sampling:						
Distance to an	Ephemeral Stream:	(pts.)	Sampling Date: 7/16/97 Time 0904						
	arest Lake, Playa,	(pts.)	Sampling Bate: 7/76/97 Time 29/04 Sampling Results:						
or Watering Po Wellhead Prote		(pts.)	Field Headspace (ppm) 39 /						
		(pts.)	TPH (ppm) ND Method 80/5						
Distance to Su		~	Other						
Ranking So	ore (Total Points):	<u> </u>							
I HEREBY CERT	/	ON ABOVE IS TRUE AND	COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF						
DATE	7/24/97	PRINTED NA	ME Ronald A. Dedrick						
SIGNATURE	Konald AT	redrick AND	TITLE Environmental Technician II						
	OF THE SOIL REMEDIATION		E REMEDIATION APPROVED IN ACCORDANCE TO THE						
APPROVED: \	YES X NO	(REASON)	use as Backfill						
SIGNED:	Ken C. 711	DAT	E: 7-29-97						



OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

24-Jul-97

Company: PNM Gas Services

COC No.:

5526

Address:

603 W. Elm

Sample No.:

15375

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla Apache 102-21 Landfarm

Project Location:

9707160904; 5pt. Composite

Sampled by:

RB

Date: Date: 16-Jul-97 Time:

9:04

Analyzed by: Sample Matrix: DC Soil

22-Jul-97

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: 1/24/9