DEPUTY OIL & GAS INSPECTOR

ICARILLA APACHE TRIBE

JUN 23 1998

ENVIRONMENTAL PROTECTION OFFICE

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

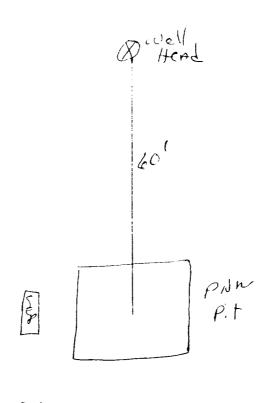
P.O. BOX 507 DULCE, NEW MEXICO 87528

PIT REMEDIATION AND CLOSURE REPORT

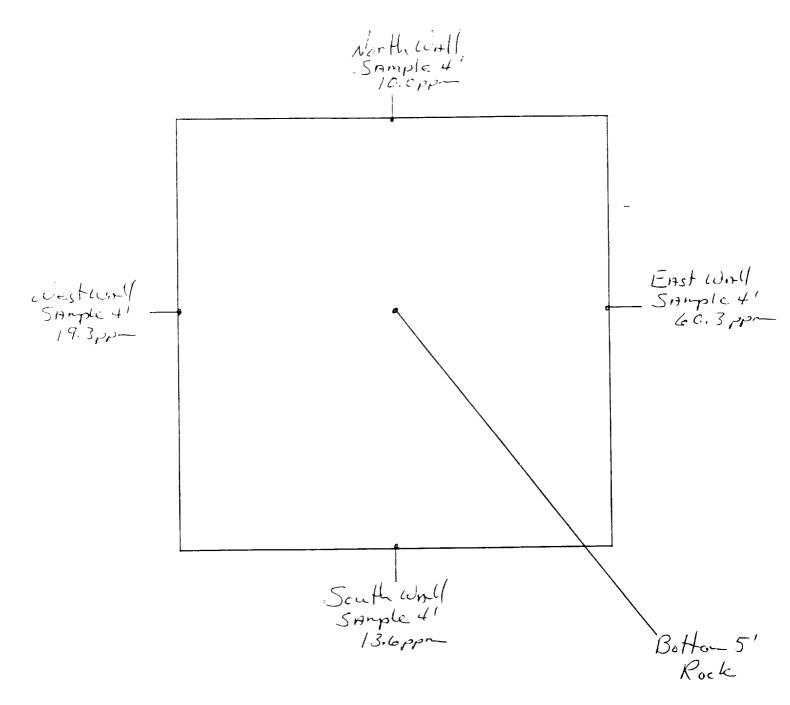
			
Operator:	PNM Gas Services (Conc	Telephone:	324-3764
Address:	603 W. Elm Street Farmington, NM 87	401	
Facility or W	Vell Name: Jicarilla F) -/8	
Location:	Unit: Sec	T. 26 N R. 4 W Co	nunty Rio Arriba
Pit Type:	Separator X Dehydrator	Other	
Land Type:	Jicarilla Apache		
Pit Location	n: Pit dimensions: length	20' width $18'$	depth 5
(Attach diag	ram) Reference: wellhea	d X other	
	Footage from reference:	60'	
ı	Direction from reference: $5\frac{1}{100}$		North
		of West	South X
Depth to Gr	ound Water:	Less than 50 feet 50 feet to 99 feet	(20 points) (10 points)
(vertical distance ind to seasonal high wat ground water)		Greater than 100 feet	(0 points)
Wellhead P	rotection Area:	Yes No	(20 points) (0 points)
(Less than 200 feet water source, or; les other water sources	from a private domestic UU FEE 3 1956 is than 1,000 feet from all	\$ m. !	
i		Less than 200 feet	(20 points)
(Horizontal distance lakes, ponds, rivers creeks, irrigation ca	e to perennial (COSTO 3)	200 feet to 1,000 feet Greater than 1,000 feet	(10 points)
	o Ephemeral Stream (dry wash):	Less than or equal to 100 feet	(10 points)
(Horizontal distance streams having a w	e to all downgradient	Greater than 100 feet	(0 points)
Distance to	o Nearest Lake, Playa, or Watering	Less than or equal to 100 feet Greater than 100 feet	(10 points)
Pond:	a to all downgradient	Greater than 100 lock	(0 points)
		RANKING SCORE (TOTAL	POINTS):

Date Remediation Started	: <u>8/28/97</u>	Date Completed:
Remediation Method:	Excavation X	Approx. Cubic Yards67
(Check all appropriate	Landfarmed X	Amount Landfarmed (cubic yds): 67
sections)	Other	
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite <u>X</u>	Offsite
Removed Coulds As the	entiminated so	oil from All four side
Ground Water Encounte	ered: No X	Depth
Soil: !	Sample Location Sample depth Sample date Sample Results Benzene (ppm) Fotal BTEX (ppm D.007 Field headspace (ppm) TPH HO ppm Method No	Water: Benzene (ppb) Toluene (ppb) Ethylbenzene (ppb) Total Xylenes (ppb)
DATE SIGNATURE ROME	PRINT ANDICAL	TRUE AND COMPLETE TO THE BEST OF MY NTED NAME Ronald A. Dedrick ND TITLE Environmental Technician II
AFTER REVIEW OF TH TO JICARILLA APACHE APPROVED: YES SIGNED:	TRIBE PIT CLOSURE ORDINANO (REASO	,

JICARILLA A-18 Sec. 14 Tabal R4W Unit P Conoco



Meter House





LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

2-Sep-97

Company: PNM Gas Services

COC No.:

5574

Address:

603 W. Elm

15**9**74

Sample No.: Job No.:

2-1000

City, State: Farmington, NM 87401

Project Name: Project Location: PNM Gas Services - Jicarilla A-18 9708280944; 4pt. Composite

Date:

28-Aug-97 Time:

9:44

Sampled by: Analyzed by: PΑ DC/HR

Date:

2-Sep-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of Measure	Limit of Quantitation	Unit of Measure
Diesel Range Organics (C10 - C28)	40	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0548-STD

Continuing Calibration Verification

Gontanding 6	Market - d	Unit of	True	Analyzed		RPD
Parameter	Method Blank	Measure	Value	Value	RPD	Limit
Diesel Range (C10 - C28)	ND	ppm	200	176	12.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	84	80	(70-130)	6	20%

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

P.O. BOX 2606 • FARMINGTON, NM 87499



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

2-Sep-97

Company: PNM Gas Services

COC No.:

5574

Address: 603 W. Elm

Sample No.:

15974

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla A-18

Project Location:

9708280944; 4pt. Composite

28-Aug-97 Time:

9:44

Sampled by: Analyzed by: PΑ HR Date: Date:

1-Sep-97

Sample Matrix:

Soil

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		5	ug/kg	1	ug/kg
o-Xylene		ND	ug/kg	1	ug/kg
	TOTAL	7	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	(Conceo)	Telephone: 324-3764			
Address: 603 W. Elm Street Farm	ington, NM 87401				
Facility or Well Name:	avilla 17-18	 >			
Location: Unit:	Sec/ T	26 N R. 4 W County Rio Arriba			
Land Type: Jicarilla Apache					
Date Remediation Started: & E Remediation Method: Landfarmed Composted Other	/28/97 X —	Date Completed: / C / 3 / 9 7 Approx. cubic yards			
Depth to Ground Water:	(pts.)	Final Closure Sampling:			
Distance to an Ephemeral Stream:	(pts.)	Sampling Date: $\frac{9/(6/97)}{9/(6/97)}$ Time $\frac{1425}{9}$			
Distance to Nearest Lake, Playa, or Watering Pond:	(pts.)	Sampling Results:			
Wellhead Protection Area:	(pts.) <u>(</u>	Field Headspace (ppm) <u>98.</u> TPH (ppm) 80 Method 80/5			
Distance to Surface Water: Ranking Score (Total Poin	~	Other			
THEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF DATE O 14 97 PRINTED NAME Ronald A. Dedrick SIGNATURE Ronald A. Dedrick AND TITLE Environmental Technician II					
AFTER REVIEW OF THE SOIL REMEDI	ATION INFORMATION, ON-SIT RE ORDINANCE	ITE REMEDIATION APPROVED IN ACCORDANCE TO THE			
APPROVED: YES NO _	(REASON)	use as Backfull			
SIGNED:	DAT	TE: 10-14-97			

JICHTIAN A-18 Sec. 14 TOENRAW LINITP Conocco Landfarm

Diell
Hend 10' 36.0pp-8.5pp-

51

511 pp-



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

8-Oct-97

Company: PNM Gas Services

COC No.:

5**60**5

Address:

16492

603 W. Elm

City, State: Farmington, NM 87401

Sample No.:

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla A-18 Landfarm

Project Location:

9710021322; 5pt. Composite RB

Date:

2-Oct-97 Time:

13:22

Sampled by: Analyzed by:

DC/HR

Date:

3-Oct-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	80	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0555-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	212	6.0	15%

Matrix Snike

Wiatiix Spikt	<u> </u>				·
	1- Percent	2 - Percent			RPD
Parameter	Recovered	Recovered	Limit	RPD	Limit_
Diesel Range (C10-C28)	85	99	(70-130)	14	20%

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



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

23-Sep-97

Company: PNM Gas Services

COC No.:

55**9**7

Address:

16255

603 W. Elm

Sample No.:

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla A-18 Landfarm

Project Location:

9709161425; 5pt. Composite RB

Date:

16-Sep-97 Time:

14:25

Sampled by: Analyzed by:

HR

Date:

19-Sep-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	281	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0555-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	176	12.7	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	80	86_	(70-130)	8	20%

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

