JICARILLA APACHE TRIBE

ENVIRONMENTAL PROTECTION OFFICE

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

P.O. BOX 507 DULCE, NEW MEXICO 87528

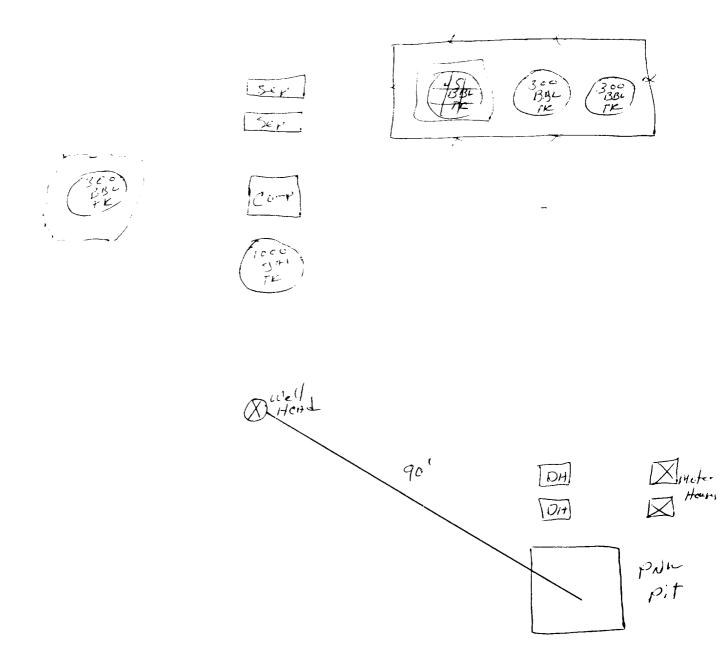
FM. COUCH

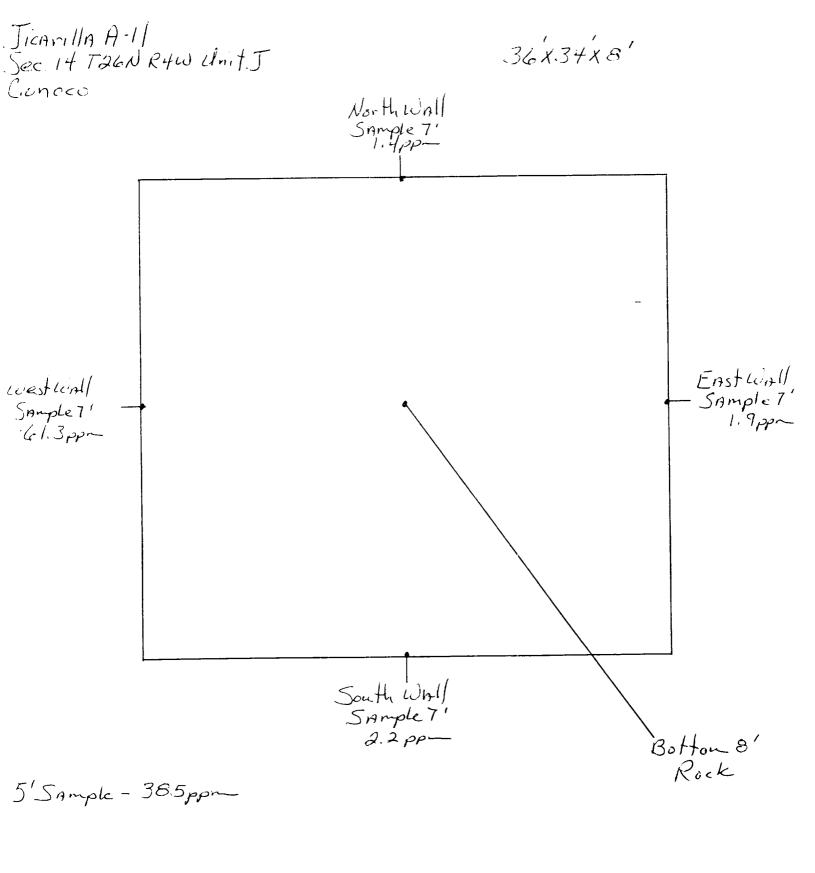
PIT REMEDIATION AND CLOSURE REPORT

79	
Operator: PNM Gas Services (Conoc	Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 8740	01
Facility or Well Name: JICA rilla A	- / /
Location: Unit: Sec. / 4	T. 26 N R. 4 W County Rio Arriba
Pit Type: Separator Dehydrator	XX Other
Land Type:	
Pit Location: Pit dimensions: length	36' width $34'$ depth $8'$
(Attach diagram) Reference: wellhead	X other
Footage from reference:	0'
Direction from reference: 45	Degrees East North
	West South
Depth to Ground Water:	Less than 50 feet (20 points) 50 feet to 99 feet (10 points)
(Vertical distance from contaminants to seasonal high water elevation of	Greater than 100 feet (0 points)
ground water) DEGEVE	Yes (20 points)
Wellhead Protection Area: (Less than 200 feet from a private domestic	No (0 points)
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	
Distance to Surface Water: OIL CON. DIV	7 Less than 200 feet (20 points)
(Horizontal distance to perennial	C 200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points)
lakes, ponds, rivers, streams, creeks, irrigation canais and ditches)	
Distance to Ephemeral Stream (dry wash):	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)
(Honzontal distance to all downgradient streams having a width of at least 10	Stocker and 100 100.
Distance to Nearest Lake, Playa, or Watering	Less than or equal to 100 feet (10 points)
Pond:	Greater than 100 feet (0 points)
(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	
	RANKING SCORE (TOTAL POINTS):
	, , , , , , , , , , , , , , , , , , , ,

Date Remediation Started	ı: <u>8/28/97</u>	Date Completed: 11/4/97
Remediation Method:	Excavation X	_ Approx. Cubic Yards3 & 3
(Check all appropriate	Landfarmed X	Amount Landfarmed (cubic yds): 363
sections)	Other	
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite X	Offsite
General Description of Pemoved C walls As he	ontaminated so	Opp- hand space
Ground Water Encount	ered: No <u>×</u> Yes	Depth
Final Pit Closure Sampling:	Sample Location North	East South and
(if multiple samples, attach sample result and diagram of	Sample depth 7	
sample locations and depths.)	Sample date <u>8/28/9</u>	Sample time OB//
	Sample Results Benzene (ppm) // i)	Water: Benzene (ppb)
	Total BTEX (ppm 0.056	Toluene (ppb)
	Field headspace (ppm) 6/.	Ethylbenzene (ppb)
	TPH ND ppm Method	Total Xylenes (ppb)
Ground Water Sampl	e: Yes No	
		TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND MY DATE	121-5	NTED NAME Ronald A. Dedrick
SIGNATURE Ka	ald A Dieluck AN	D TITLE Environmental Technician II
AFTER REVIEW OF TH TO JICARILLA APACHI	E PIT CLOSURE INFORMATION, F TRIBE PIT CLOSURE ORDINANC	PIT CLOSURE IS APPROVED IN ACCORDANCE E.
APPROVED: YES	NO (REASO	N): 37244 + C/62e
SIGNED:	C Man DA	TE: 9-3-97

Jicarilla A-11 Sec. 14 Taen R4W Unit. J Conoco





OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

2-Sep-97

Company: PNM Gas Services

COC No.:

5574

Address:

Sample No.:

15973

603 W. Elm

City, State: Farmington, NM 87401

Job No.:

2-1000

PNM Gas Services - Jicarilla A-11

Project Name: Project Location:

9708280811; 4pt. Composite

Date:

28-Aug-97 Time:

8:11

Sampled by: Analyzed by: PΑ DC/HR

Date:

2-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)	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0548-STD

Continuing Calibration Verification

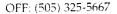
Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	176	12.8	15%

Matrix Spike

matrix opin	·				
	1- Percent	2 - Percent	ļ		RPD
Parameter	Recovered	Recovered	Limit	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.:

Job No.:

5574

Address:

Sample No.:

15**9**73

City, State: Farmington, NM 87401

603 W. Elm

2-1000

Project Name:

PNM Gas Services - Jicarilla A-11

Project Location:

9708280811; 4pt. Composite

Date:

28-Aug-97 Time:

8:11

Sampled by: Analyzed by: PΑ HR

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		2	ug/kg	1	ug/kg
Ethylbenzene		5	ug/kg	1	ug/kg
m,p-Xylene		33	ug/kg	1	ug/kg
o-Xylene		16	ug/kg	1	ug/kg
	TOTAL	56	ug/kg		

ND - Not Detected at Limit of Quantitation

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

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 (Co	າກຄວວ່) Telephone:	324-3764
Address: 603 W. Elm Street Farmington, NM 8	87401	
Facility or Well Name:	10 A-11	-
Land Type: Jicarilla Apache	<u>/4</u> T. <u>26 N</u> R.	∀ W County Rio Arriba
Date Remediation Started: 8/27/97 Remediation Method: Landfarmed X Composted Other	Date Comple Approx. cubic	7.1.2
Distance to an Ephemeral Stream: (pt Distance to Nearest Lake, Playa, or Watering Pond: Wellhead Protection Area: (pt		Final Closure Sampling: Date: $9/10/97$ Time $1/19$ Results: eadspace (ppm) $9/3$ (ppm) 7.5 Method
DATE SIGNATURE - Range A Decker	PRINTED NAME Ronald	THE BEST OF MY KNOWLEDGE AND BELIEF A. Dedrick vironmental Technician II
AFTER REVIEW OF THE SOIL REMEDIATION INFO JICARILLA APACHE TRIBE PIT CLOSURE ORDINA APPROVED: YES NO	NCE (REASON) المكان المكان	Buckfill

Jicarilla A-1/ Sec. 14 T26N R4W Unit J Conoco LAndfarn 150' F10' 19.300-91.3-32.6pp-18.3pp~ 51.6ppOFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

17-Sep-97

Company: PNM Gas Services

COC No.:

55**96**

Address:

603 W. Elm

Sample No.:

16134

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla A-11 Landfarm

Project Location:

9709101119; 5pt. Composite

Date:

10-Sep-97 Time:

11:19

Sampled by: Analyzed by: RΒ DC/HR

Date:

15-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)	75	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0555-STD

Continuing Calibration Verification

- Containing -	Method	Unit of	True	Analyzed		RPD
Parameter	Blank	Measure	Value	Value	RPD	Limit
Diesel Range (C10 - C28)	ND	ppm	200	197	1.5	15%

Matrix Spike

Watrix Spik	-				r
	1- Percent	2 - Percent			RPD
Parameter	Recovered	Recovered	Limit	RPD	Limit
Diesel Range (C10-C28)	100	94	(70-130)	6	20%

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

Approved by: 2

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