Denny & Four JICARILLA APACHE TRIBE
DEPUTY OIL & GAS INSPECTOENVIRONMENTAL PROTECTION OFFICE

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

OCT 2 8 1997

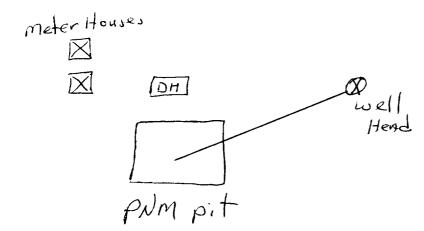
P.O. BOX 507 **DULCE. NEW MEXICO 87528**

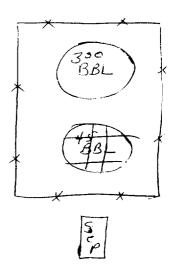
REMEDIATION AND CLOSURE REPORT

FMICO		1
Operator: PNM Gas Services BROG	Telephone: 324-3	764
Address: 603 W. Elm Street Farmington, NM 87401		
Facility or Well Name: Jicanilla G-5		
Location: Unit: L Sec. 12	26N R 5 W County Rio	Arriba
Pit Type: Separator Dehydrator	X Other	
Land Type: Jicarilla Apache	_	
Pit Location: Pit dimensions: length	3/ width 26 dept	h <u>+</u>
(Attach diagram) Reference: wellhead	χ other	
Footage from reference:	o6'	
Direction from reference: 20	Degrees East North	
	of Wes t ← Souti	1
Depth to Ground Water:	50 feet to 99 feet (1	0 points)
(Vertical distance from contemplants to seasonal high water elevation or ground water)	Greater than 100 feet (0 points)
Wellhead Protection Area: DBG트비생	163	20 points) 0 points)
(Lees then 200 feet from a private domestic water source, or; less then 1,000 feet from all coner water sources)	U	
Distance to Surface Water:	Less than 200 feet	20 points)
(Honzontal distance to perevise) listes, ponds, rivers, streams.		10 points) /O
Distance to Ephemeral Stream (dry wash):	Less than or equal to 100 feet	(10 points)
(Horzontal distance to all downgradient streams neving a width of at least 10	Greater than 100 feet	(0 points)
feet)		(10 points)
Distance to Nearest Lake, Playa, or Watering Pond: (Honzonial distance to all downgradient lakes, pieves, and investock or wildlife water ponds)	Greater than 100 feet	(0 points) <u>6</u>
	RANKING SCORE (TOTAL POINT	s): <u>10</u>

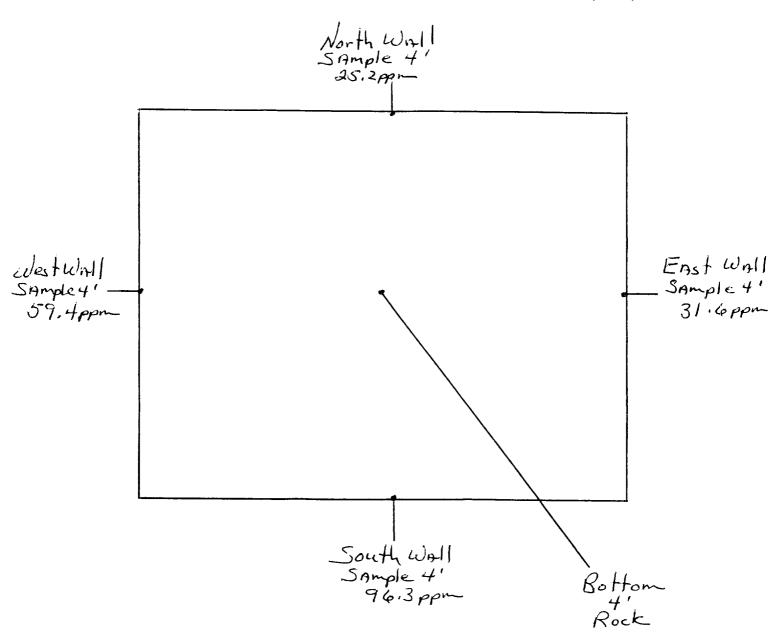
Date Remediation Started	5/12/97	Date Completed:	7/9/97
Remediation Method:	Excavation	_ Approx. Cubic Yards	119
(Check all appropriate	Landfarmed X	Amount Landfarmed (cubic	c yds): 119
sections)	Other		
Remediation Location: (i.e., landfamed onsite, name and location of offsite facility)	Onsite X	Offsite	
As to get A	Remedial Action: taminated soil fro below 100 ppm her solid rock.	,	_ //
Ground Water Encount	ered: No X Yes	Depth _	
Final PitClosure Samplina:	Sample Location North	LEAST, South	n, and West
(if multiple samples, attach sample result and diagram of sample logations and	Sample depth $\frac{3}{4}$ Sample date $\frac{5}{12/97}$		1209
depths.)	Sample Results	- Campie and	1207
Soil:	Benzene (ppm)	Water: Benzene	(ppb)
	Total BTEX (ppm // /)	Tolu e ne	(ppb)
	Field headspace (ppm) 94.	3 Ethylbenz	ene (ppb)
	TPH / D ppm Method	8015 Total Xyle	enes (ppb)
- Ground Water Samp	te: Yes No	(If yes, attack	n sample results)
I HEREBY CERTIFY TH KNOVELEDGE AND MY	AT THE INFORMATION ABOVE IS BELIEF	TRUE AND COMPLETE TO	THE BEST OF MY
1 /	22/0-	NTED NAME Ronald A.	Dedrick
SIGNATURE Ha	rold A Dedrick AM	ND TITLE Environment	al Technician II
	HE PIT CLOSURE INFORMATION. E TRIBE PIT CLOSURE ORDINANO		ED IN ACCORDANCE
APPROVED: YES	NO (REASO	ON):	
SIGNED:	CMan Ol DA	ATE: 5-29-97	

JICANIIIA GO Sec. 12 T26NRSW Unit L BROG





31'x26'x4'



OFF: (505) 325-3667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date: 22-May-97

Company: PNM Gas Services

COC No.:

5462

Address:

603 W. Elm

Sample No.:

14633

City, State: Farmington, NM 87401

Job No.:

2-1000

PNM Gas Services - Jicarilla G-5 Run 12-21

Project Name: **Project Location:**

9705121209; 4pt. Composite

Sampled by:

SA

Date:

12-May-97 Time:

12:09

Analyzed by:

HR/DC

Date:

19-May-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	5.0	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.:

0519-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	100	112	11.2	15%

Matrix Snike

,				
1- Percent	2 - Percent			RPD
Recovered	Recovered	Limit	RPD	Limit
100	100	(70.130)	0	20%
		1- Percent 2 - Percent Recovered Recovered	1- Percent 2 - Percent Recovered Recovered Limit	1- Percent 2 - Percent Recovered Limit RPD

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

Approved by:

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Company: PNM Gas Services

Address:

603 W. Elm

City, State: Farmington, NM 87401

Date: 22-May-97

COC No.:

5462 14633

Sample No.:

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla G-5 Run 12-21

Project Location:

9705121209; 4pt. Composite Date:

12-May-97 Time:

12:09

Sampled by: Analyzed by: Sample Matrix:

DC Soil

Date:

21-May-97

Laboratory Analysis

Parameter		Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene	:	ND	ug/kg	1.0	ug/ k g
Toluene		ND	ug/kg	1.0	ug/kg
Ethylbenzene		ND	ug/kg	1.0	ug/kg
m,p-Xylene		ND	ug/kg	1.0	ug/kg
o-Xylene		ND	ug/kg	1.0	ug/ k g
	TOTAL	ND	ug/kg		

ND - Not Detected at Limit of Quantitation

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

Approved by: Date: 5/22/97

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	BROG-	Telephone:	324-3764
Address: 603 W. Elm Street Farmingto	on. NM 87401		`
Facility or Well Name:	illa G-5		
Location: Unit:	Sec. /2 T.	26 N R.	5 W County Rio Amba
Land Type: Jicarilla Apacne		-	
Date Remediation Started: 5/12 Remediation Method: Landfarmed Composited Other	/97 <u>×</u> —	Date Comple Approx. cubic y	- 4/- 5/- 1/-
Depth to Ground Water: Distance to an Ephemeral Stream:	(pts.) O	•	Final Closure Sampling: Date: 6/12/77 Time 0824
Distance to Nearest Lake, Plays, or Watering Pond:	(pts.)	Sampling	g Results:
Wellhead Protection Area: Distance to Surface Water:	(pts.) O	-	lesaspace (ppm) 44.0 (ppm) 38 Method 8045
Ranking Score (Total Points	s): <u>/</u> 0	Other —	
I HEREBY CERTIFY THAT THE INFORMA	TION ABOVE IS TRUE	AND COMPLETE TO	THE BEST OF MY KNOWLEDGE AND BELIEF
SIGNATURE RONALD A I	Deduck		ovironmental Technician II
JICARILLA APACHE TRIBE PIT CLOSUF	E ORDINANCE	ON-SITE REMEDIATION	ON APPROVED IN ACCORDANCE TO THE
APPROVED: YESNO	(REASON)		
SIGNED:	land	DATE: 6-	23-97

Sec. 12 TabN RSW Unit L BROG

Land farm

99'

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

17-Jun-97

Company: PNM Gas Services

COC No.:

5487

Address:

603 W. Elm

Sample No.:

14930

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla G-5 Landfarm

Project Location:

9706120826; 5pt. Composite

RB

Date:

12-Jun-97 Time:

8:26

Sampled by: Analyzed by:

DC/HR

Date:

13-Jun-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	28	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	209	4.4	15%

Matrix Spike

1	1- Percent	2 - Percent			RPD
Parameter	Recovered	Recovered	Limit	RPD	Limit
Diesel Range (C10-C28)	90	93	(70-130)	3	20%

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

Approved by: Date:

P.O. BOX 2606 • FARMINGTON, NM 87499

- Technology Blending Industry with the Environment -