DEPUTY OIL & GAS TEPTER PROPERTIES 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

HOW COLOR PIT REMEDIATION AND CLOSURE REPORT

1/1/000	•
Operator: PNM Gas Services (BRO)	(S) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 8740	
Facility or Well Name: Arizona Jica	arilla #10
Location: Unit: H Sec. 35	T. 25 N R. 4 W County Rio Arriba
Pit Type: Separator X Dehydrator	Other
Land Type:	
Pit Location: Pit dimensions: length	3/ width 23 depth 3
(Attach diagram) Reference: wellhead	
Footage from reference:	9'
Direction from reference:	Degrees East - North
	of 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 ground water)	Greater than 100 feet (0 points)
Wellhead Protection Area:	Yes (20 points) No (0 points)
(Less than 200 feet from a private domestic water source, or; less than 1,000 feet from all	140
Distance to Surface Water:	Less than 200 feet (20 points)
(Honzontal distance to perennial lakes, ponds, rivers, streams.	200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points)
creeks, impation canals and disches)	Less than or equal to 100 feet (10 points)
Distance to Ephemeral Stream (dry wash): (Honzontal distance to all downgradient streams having a width of at least 10 feet)	Greater than 100 feet (0 points)
Distance to Nearest Lake, Playa, or Watering	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)
Pond: (Horizontal distance to all downgradient lakes, playas, and investock or wildlife water ponds)	
	RANKING SCORE (TOTAL POINTS):

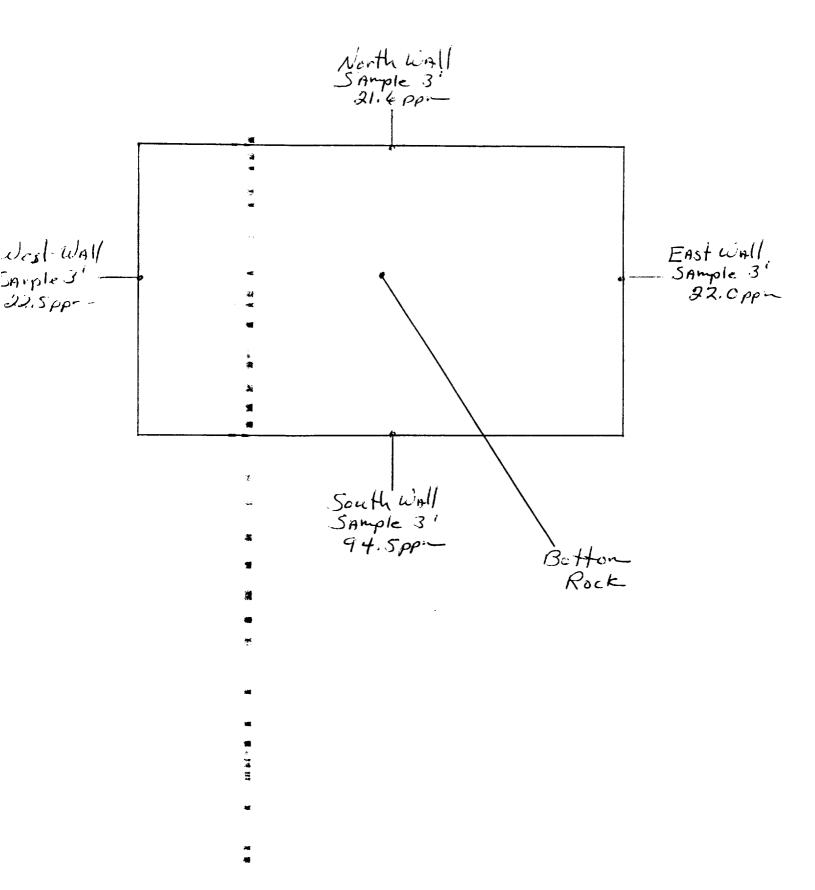
Date Remediation Started	d: <u>4/17/97</u>	Date Completed:
Remediation Method:	Excavation X	Approx. Cubic Yards 79
(Check all appropriate	Landfarmed X	Amount Landfarmed (cubic yds): 79
sections)	Other	
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite X	Offsite
	Remedial Action: ontaminated soi a below 100 ppm solid sandstor	1
Ground Water Encount	ered: No X Ye	es Depth
Final Pit Closure Sampling:	Sample Location Non	th East, South and West walls
(if multiple samples, attach sample result and diagram of	Sample depth 3,	
sample locations and depths.)	Sample Results	Sample time 1422
Soil:	Benzene (ppm)	Water: Benzene (ppb)
	Total BTEX (ppm	Toluene (ppb)
	Field headspace (ppm) 9	Ethylbenzene (ppb)
	TPH / D ppm Method	80/5 Total Xylenes (ppb)
Ground Water Samp	ote: Y N	lo $\underline{\chi}$ (If yes, attach sample results)
I HEREBY CERTIFY TH KNOWLEDGE AND MY		IS TRUE AND COMPLETE TO THE BEST OF MY
DATE 4	/ /	PRINTED NAME Ronald A. Dedrick
SIGNATURE Ra	-alaCD Dedick	AND TITLE Environmental Technician II
	HE PIT CLOSURE INFORMATION IE TRIBE PIT CLOSURE ORDINA	N, PIT CLOSURE IS APPROVED IN ACCORDANCE
APPROVED: YES		ASON):
SIGNED:	= C. Mank -	DATE: 4-28-97

Gec. 35 TZSN RYW Unit BROG.

point oit Sep Meter House

Trizona Jicarilla "10 Sec. 35 T25N' R4W Unit H BROG

31X23X3



OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

22-Apr-97

Company: PNM Gas Services

COC No.:

5397

Address:

603 W. Elm

Sample No.:

14265

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Arizona Jicarilla #10 Run 12-61

Project Location:

9704171422; 4pt. Composite PA

Date: Date:

17-Apr-97 Time:

14:22

Sampled by: Analyzed by: Sample Matrix:

DC/HR Soil

18-Apr-97

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	ND	mg/kg	5.0	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	104	4.4	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	85	94	(70-130)	11	20%

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

Approved by:

P.O. BOX 2606 • FARMINGTON, NM 87499

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 Farming	ton. NM 87401		`		
Facility or W	Vell Name: Aniz	ona Jicar	-illa #10			
Location:	Unit:	Sec. <u>35</u> t.	25 N R.	✓ W County Rio Amiba		
Land Type:	Jicanila Apache					
Date Remediation f		7/97 <u>X</u>	Date Comple Approx. cubic y	70		
Distance to i or Watering Wellhead Pr Distance to	an EphemeralStream: Nearest Lake, Playa,	(pts.)	Sampling	Final Closure Sampling: Date: 5/6/97 Time / 050 Results: eadspace (ppm) 38.2 (buffsm) (ppm) 5,9 Method 8015		
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF DATE SIGNATURE Ronald A. Dedrick AND TITLE Environmental Technician II						
JICARILLA /	APACHE TRIBE PIT CLOSUF		-SITE REMEDIATIO	IN APPROVED IN ACCORDANCE TO THE		
APPROVEI	D: YES X NO _	(REASON)	DATE: 5 -	14-97		

Hrizona JICANIIA -10 Sec. 35 TASN RAW Unit H BROG

LAND FAM

75'

382ppn

σ

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Address:

Denver Bearden

Company: PNM Gas Services

City, State: Farmington, NM 87401

603 W. Elm

Date:

9-May-97

COC No.:

5443

Sample No.:

14446

Job No.:

2-1000

Project Name:

PNM Gas Services - Arizona Jicarilla #10 Landfarm Run 12-61

Project Location:

9705061050; 5pt. Composite

Sampled by:

RB

Date: Date: 6-May-97 Time:

10:50

Analyzed by: Sample Matrix: HR/DC Soil

8-May-97

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	5.9	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	105	4.8	15%

Matrix Spike

macrix opine					
	1- Percent	2 - Percent			RPD
Parameter	Recovered	Recovered	Limit	RPD	Limit
Diesel Range (C10-C28)	101	102	(70-130)	1	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 -