DEPUTY OIL & GAS INSPECTOR

## JICARILLA APACHE TRIBE

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

# **ENVIRONMENTAL PROTECTION OFFICE**

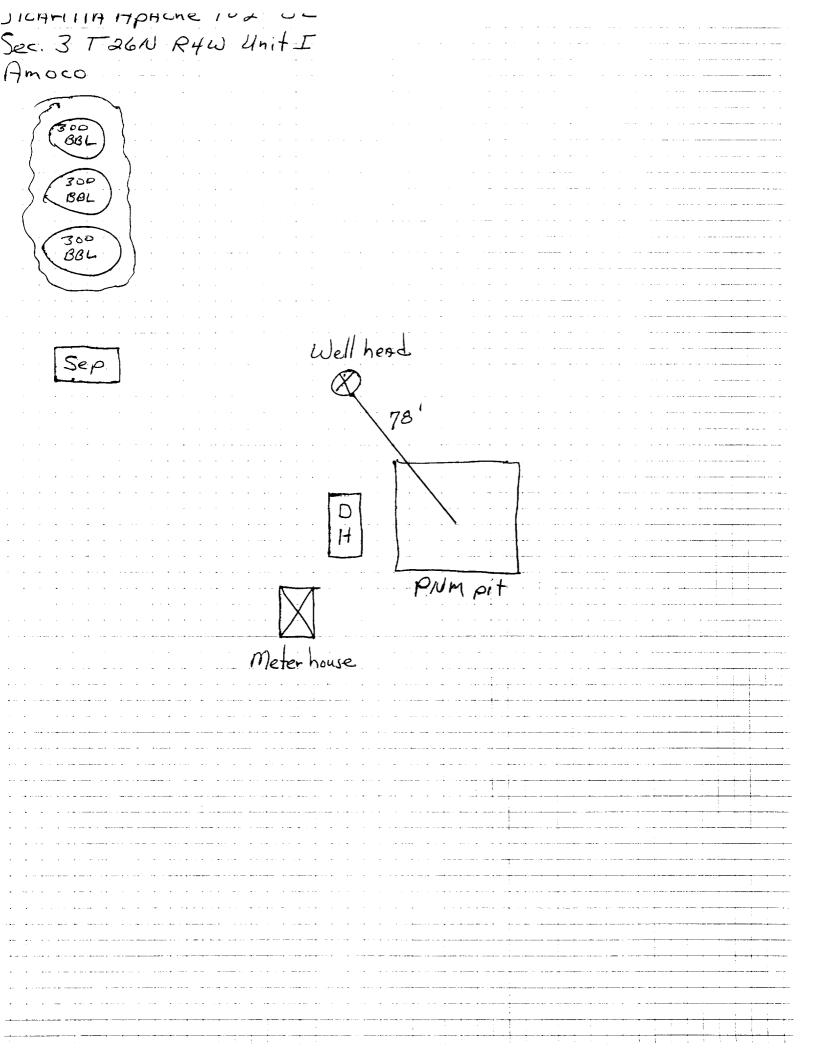
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P.O. BOX 507 DULCE, NEW MEXICO 87528

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services Amos	CO ) Telephone: 324-3764
Address: 603 W. Elm Street Farmington. NM 8740	01
Facility or Well Name: Jicanilla Apa	che 102-8E
Location: Unit: I Sec. 3	T. 26 N R. 4 W County Rio Arriba
Pit Type: Separator Dehydrator	X Other
Land Type:	-
Pit Location: Pit dimensions: length	28' width $27'$ depth $16'$
(Attach diagram) Reference: wellhead	X other
Footage from reference:	78'
Direction from reference: 75	
	West South
	Less than 50 feet (20 points)
Depth to Ground Water:	50 feet to 99 feet (10 points)
(Vertical distance from consuments to seasonal high water elevation of	Greater than 100 feet ( 0 points)
ground water)	Yes (20 points) —
Wellhead Protection Area:	No (O points)
water source, or, less than 1,000 feet from all	
Distance to Surface Water:	FRANCY Less than 200 feet (20 points)
	200 feet to 1.000 feet (10 points)
(Horizontal distance to perential lakes, ponds, rivers, streams,	Greater than 1,000 feet (0 points)
creeks, imgation canals and ditches)	(40 mainte)
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 feet)	
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 takes, playas, and Investock or wildlife water ponds)	
	RANKING SCORE (TOTAL POINTS):

Date Remediation Started: $8/19/96$	Date Completed:
Remediation Method: Excavation	Approx. Cubic Yards 448
(Check all appropriate Landfarmed X	Amount Landfarmed (cubic yds): 448
Other	
Remediation Location: Onsite  (i.e., landfarmed onsite, name and location of offsite facility)	Offsite
walls and pit bottom A	oil from All four side s to get a below dings
Ground Water Encountered: No Yes	Depth
Final Pit Closure Sample Location North Side	walls and Botton of pit.
(if multiple samples, attach sample result and diagram of sample locations and depths.)  Sample depth 16  Sample depth 8/19/9	6 Sample time //36
Sample Results	
Soil: Benzene (ppm)	Water: Benzene (ppb)
Total BTEX (ppm	Toluene (ppb)
Field headspace (ppm) 73.	3 Ethylbenzene (ppb)
TPH < 5,0 ppm Method	8015 Total Xylenes (ppb)
Ground Water Sample: Yes No	(If yes, attach sample results)
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS KNOWLEDGE AND MY BELIEF	TRUE AND COMPLETE TO THE BEST OF MY
DATE 8/25/94 PR	INTED NAME Ronald A. Dedrick
SIGNATURE Harala A Dedick AI	ND TITLE Environmental Technician II
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINAN	
APPROVED: YES X NO (REAS	ON):
SIGNED: LOS C. Manuel D.	ATE: 8-26-96



OFF: (505) 325-5667



LAB: (505) 325-1556

### Diesel Range Organics

Attn: Denver Bearden Date:

23-Aug-96

Company: PNM Gas Services

COC No.:

4854

Address: 603 W. Elm Sample No.

11864

City, State: Farmington, NM 87401

Job No.

2-1000

Project Name:

PNM Gas Services - Jicarilla Apache 102-8E Run 12-11

**Project Location:** 

9608191136; 5pt. Composite

Sampled by:

EP

Soil

Date: Date: 19-Aug-96 Time:

11:36

Analyzed by: Sample Matrix: DC/HR

22-Aug-96

## Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	< 5.0	mg/kg	5.0	mg/kg

### Quality Assurance Report

DRO QC No.:

0489-QC

#### Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Diesel Range (C10 - C28)	<5.0	ppm	100	104	3.9	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	88	101	(70-130)	10	20%

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

Approved by: Date:

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 ( /	Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NN	M 87401
Facility or Well Name:	g Apache 102-8E
Location: Unit: Sec.	了 T. ~ G N R. 4 W County Rio Arriba
Land Type: Jicarilla Apache	
Q/ sile	9.6 Date Completed: 9/27/96
Date Remediation Started:	9 6 Date Completed: 7/27/96  Approx. cubic yards 4/48
Composted	
Other	
Depth to Ground Water:	(pts.) Final Closure Sampling:
Distance to an Ephemeral Stream:	(pts.) <u>K</u> Sampling Date: <u>9/24/96</u> Time 1244
Distance to Nearest Lake, Playa, or Watering Pond:	(pts.) Sampling Results:
	(pts.) Field Headspace (ppm) 86.4
Distance to Surface Water:	(pts.) TPH (ppm) 34.0 Method 8015
Ranking Score (Total Points):	
LUCDERY CERTIFY THAT THE INFORMATION A	ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF
, ,	BOVE IS THOU AND SOME LETE TO THE SECTION OF MANAGEMENT SECTION.
DATE 9/27/96	PRINTED NAME Ronald A. Dedrick
SIGNATURE Kondid 1 De.	AND TITLE Environmental Technician II
AFTER REVIEW OF THE SOIL REMEDIATION IN JICARILLA APACHE TRIBE PIT CLOSURE ORDII	NFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE INANCE
APPROVED: YES NO	(REASON)
SIGNED: LOSE Man	DATE: 9-30-96

Jicanilla Apache 102-EE Sec. 3 T26N R4W Amoro

33 15 Ochell him 11.6 pp-86.4pp-19.7 pp-/7/ 20.0 pp-16.8ppOFF: (505) 325-5667



LAB: (505) 325-1556

### Diesel Range Organics

Attn:

Denver Bearden

Company: PNM Gas Services

Address:

603 W. Elm

City, State: Farmington, NM 87401

Date:

26-Sep-96

COC No.:

5311

Sample No.

12285

Job No.

2-1000

Project Name:

PNM Gas Services - Jicarilla Apache 102-8E Landfarm Run 12-11

**Project Location:** 

RD

9609241244; 5pt. Composite Date:

24-Sep-96 Time:

12:44

Sampled by: Analyzed by: Sample Matrix:

DC/HR

Date:

25-Sep-96

Soil

### Laboratory Analysis

Perameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	34.0	mg/kg	5.0	mg/kg

### Quality Assurance Report

DRO QC No.:

0489-QC

Calibration Check

Campration C	HUCK					
	Method	Unit of	True	Analyzed		
Parameter	Blank	Measure	Value	Value	% Diff	Limit
				1		
Dissal Range (C10 - C28)	<5.0	ppm	100	101	1.3	15%_
Diesel Range (C10 - C28)	< 5.0	ppm	100	1 101		

Matrix Spike

Parameter Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	111	95	(70-130)	11	20%

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

Approved by: