District I ≥ O Box 19<u>8</u>0 Hobbs, NM State of New Mexico
Energy, Minerals and Natural Resources Department

SUBMIT I COPY TO APPROPRIATE DISTRICT OFFICE AND I COPY TO SANTA FE OFFICE

DEPLITY OU & CAC INSEPTION

District HDEPUTY OIL & GAS INSPECTOR 1000 Rio Brazos Rd. Azlec, NM 87410

JUL 1 8 1997

## OIL CONSERVATION DIVISION

2040 South Pacheco Street Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

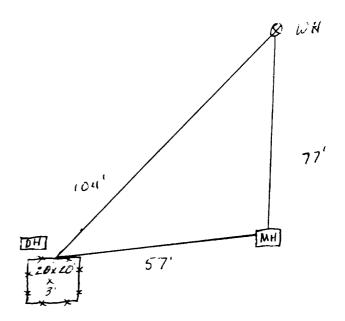
99		
Operator: PN	NM Gas Services (Questar ) Telephone: 324-3764	
Address: 603 W.	7. Elm Street Farmington, NM 87401	
Facility or Well Name	e: Federal A #3E	
Location: Unit:	P Sec. 26 T. 30 N R. 13 W County Sa	an Juan
Pit Type: Sepa	arator Other	
Land Type: BLM	1	
Pit Location:	Pit dimensions: length 20 width 20 depth	3 '
(Attach diagram)	Reference: wellhead ✓ other	
	Footage from reference: 104'	
	Direction from reference: 46 Degrees East North	<del></del>
	of  ✓ West South	<u>~_</u>
Depth to Ground Wa	Less than 50 feet 50 feet to 99 feet	(20 points) (10 points)
(Vertical distance from contaminants seasonal high water elevation of grout water		() points)
Wellhead Protection	LÜ APR 2 4 1997 L 1 Area: Yes O[][] CO[N] D[]	√√20 points)
(Less than 200 feet from a private domestic water source, or, less than 1 feet from all other water sources)	a tropic	(· 0 points)
Distance to Surface V	Greater than 1,000 feet	(20 points) (10 points) ( 0 points)0
(Horizontal distance to perennial lake ponds rivers, streams, creeks, irrigat canais and ditches	ikes.	

Date Remediation Started:	11/25/96	Date Completed: 11/2	25/96
Remediation Method:	Excavation x	Approx. Cubic Yard	192
Check all appropriate	Landfarmed x	Amount Landfarmed (cubic yo	ds) 162
ections)	Other		
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite X	Offsite	
Backfill Material Location			
General Description of Res	nedial Action:		
Excavated contaminated soil to aerated by plowing until soil me	pit size of 21'X19'X13' and	ndfarmed soil onsite within a bermed area at a depth of	6" to 12". Soil was
aerated by plowing until soil me	et regulatory levels.		
Ground Water Encounter	ed: No	Yes Depth	
Final Pit Closure Sampling:	Sample Location	5 pt composite-4 side walls and center of pit bottom	
(if multiple samples, attach sample result and diagram of	Sample depth	3'	_ <del></del>
sample locations and depths.)	Sample date	11/25/96 Sample time	2:20:00 PM
	Sample Results		
	Benzene (p	n) 0.2114	
	Total BTEX	(ppm) 12.0641	
	Field headsp	e (ppm)	
	ТРН	59.30 Method 8015A	
Vertical Extent (ft)		Risk Assessment form attached Yes	No <u></u>
Ground Water Sample:	Yes	No (If yes, see atta Summary Repo	ched Groundwater Site
I HEREBY CERTIFY TH KNOWLEDGE AND MY		N ABOVE IS TRUE AND COMPLETE TO THE	BEST OF MY
DATE April 28. SIGNATURE	1997 Melbearba	PRINTED NAME Denver Bearden AND TITLE Administrator III	

Federal A # 3E 46° - 26 5 104' from wellhand







OFF: (505) 325-5667



LAB: (505) 325-1556

# Diesel Range Organics

Denver Bearden Attn: Company: PNM Gas Services

603 W. Elm Address:

City, State: Farmington, NM 87401

Date:

29-Nov-96

COC No.: Sample No.

5141 13045

2-1000 Job No.

**Project Name:** 

PNM Gas Services - Federal A #3E

**Project Location:** 

9611251420; Pit Excavation Composite Sample RH

Date:

25-Nov-96 Time:

14:20

Sampled by: Analyzed by:

DC/HR

Date:

27-Nov-96

Sample Matrix:

Soil

### Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	59.3	mg/kg	5.0	mg/kg

### **Ouality Assurance Report**

0512-QC DRO QC No.:

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Diesel Range (C10 - C28)	<5.0	ppm	100	103	3.3	15%

Matrix Spike

Watin Spine					
	1- Percent	2 - Percent			
Parameter	Recovered	Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	109	107	(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 -

OFF: (505) 325-5667



LAB: (505) 325-1556

# AROMATIC VOLATILE ORGANICS

Attn:

Denver Bearden

Date:

27-Nov-96

Company: PNM Gas Services

COC No.:

5141

Address:

Sample No.

13045

City, State: Farmington, NM 87401

603 W. Elm

Job No.

2-1000

Project Name:

PNM Gas Services - Federal A #3E

**Project Location:** 

9611251420; Pit Excavation Composite Sample Date:

25-Nov-96 Time:

14:20

Sampled by: Analyzed by: RH DC

Date:

27-Nov-96

Sample Matrix:

Soil

### Laboratory Analysis

Parameter		Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene		211.4	ug/kg_	0.2	ug/kg
Toluene		653.3	ug/kg	0.2	ug/kg
Ethylbenzene		1108.7	ug/kg	0.2	ug/kg
m,p-Xylene		8450.0	ug/kg	0.2	ug/kg
o-Xylene		1640.7	ug/kg	0.2	ug/kg
	TOTAL	12064.1	ug/kg		

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

Approved by:

P.O. BOX 2606 • FARMINGTON, NM 87499

Federal A#3E Questar Sec. 26,30N-13N

LAndfarm: On location

composite sample # 9701061220

soil vapor head space PID = 33.3 ppm

2"-12" depth

3.8 2.9 6.1 OFF: (505) 325-5667



LAB: (505) 325-1556

## Diesel Range Organics

Attn:

Denver Bearden

Date:

8-Jan-97

Company: PNM Gas Services

COC No.:

5860

Address:

603 W. Elm

Sample No.

13323

City, State: Farmington, NM 87401

2-1000 Job No.

Project Name: **Project Location:**  PNM Gas Services - Federal A #3E Landfarm

9701061220; 6pt. Composite, 2"-12" depth

6-Jan-97 Time:

12:20

Sampled by: Analyzed by: GC HR Date: Date:

6-Jan-97

Sample Matrix:

Soil

### Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	12.4	mg/kg	5.0	mg/kg

#### Quality Assurance Report

DRO QC No.:

0512-QC

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Diesel Range (C10 - C28)	<5.0	ppm	100	101	1.4	15%

Matrix Snike

matrix opine					T
	1- Percent	2 - Percent			
Parameter	Recovered	Recovered	Limit	%RSD_	Limit
Diesel Range (C10-C28)	98	100	(70-130)	1	20%

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

Approved by:

P.O. BOX 2606 • FARMINGTON, NM 87499

- Technology Blending Industry with the Environment -