District I P.O. Box 1980, 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

District III
P O. Drawer District III
DEPUTY OIL & GAS INSPECTOR
1000 Rio Brack Add State MR 8/410

JUL 1 8 1997

OIL CONSERVATION DIVISION

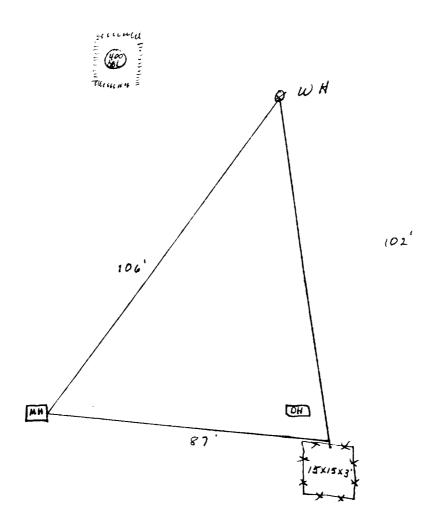
2040 South Pacheco Street Santa Fe, New Mexico 87505

	AND CLOSURE REPORT
Approved	
Operator: PNM Gas Services Questar	Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 874	40 I
Facility or Well Name: Federal A #1E	
Location: Unit: O Sec.	25 F. 30 N R. 13 W County San Juan
Pit Type: Separator Dehydrato	or 🗸 Other
Land Type: BLM ✓ State	Fee Other
Pit Location: Pit dimensions: length	15 width 15 depth 3
(Attach diagram) Reference: wellhead 🗸	other
Footage from reference: 102'	
Direction from reference: 8	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 DECEIVED
Wellhead Protection Area:	Yes (20 points)
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	No OIL COM. DIV. O points) DIST. 3
Distance to Surface Water: (Horizontal distance to perennial lakes,	Less than 200 feet (20 points) 200 feet to 1.000 feet (10 points) Greater than 1.000 feet (0 points)
ponds, rivers, streams, creeks, irrigation canals and ditches	RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started:	11/20/96		Date Completed: 11	/20/96
Remediation Method:	Excavation	X	Approx. Cubic Yard	38
heck all	Landfarmed	X	Amount Landfarmed (cubic	yds) <u>38</u>
ctions)	Other			
Remediation Location: i.e., landfarmed onsite, name and ocation of offsite facility)	Onsite	X	Offsite	
Backfill Material Location:				
General Description of Ren	nedial Action:			
-		5' and landfarmed soil onsite w	ithin a bermed area at a depth of	6" to 12". Soil was
aerated by plowing until soil me	regulatory levels.	o and landiamica soil offsite w	inim a bernied area at a deptit of	0 (0 12 : 3011 was
Ground Water Encountere	d: No	✓ Yes	Depth	
First Bit Classes	C- 1 I			
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	5'		
sample locations and depths.)	Sample date	11/20/96	Sample time	3:00:00 PM
	Sample Result	5		
	Benze	ne (ppm) 0.	0141	
	Total l	BTEX (ppm)	5.9583	
	Field h	eadspace (ppm)		
	ТРН	14.10	Method 8015A	
Vertical Extent (ft)		Risk Assessme	ent form attached Yes	No 🗸
Ground Water Sample:	Yes	No 🔻	(If yes, see atta Summary Repo	ched Groundwater Sort)
I HEREBY CERTIFY THA KNOWLEDGE AND MY		NATION ABOVE IS TRUE	AND COMPLETE TO THE	BEST OF MY
DATE April 28, 19	97	PRINTEI	D NAME Denver Bearden	
SIGNATURE DEM	wu Bea	AND TIT		

Federal A # 1E 8° E of S 102' from well head





OFF: (505) 325-5667



LAB: (505) 325-1556

Diesel Range Organics

Attn:

Denver Bearden

Date:

22-Nov-96

Company: PNM Gas Services

COC No .:

5137

Address:

603 W. Elm

Sample No.

12954

City, State: Farmington, NM 87401

Job No.

2-1000

Project Name:

PNM Gas Services - Federal A #1E

Project Location: Sampled by:

9611201500; Pit Excavation Composite Sample RH

Date:

20-Nov-96 Time:

15:00

Analyzed by:

DC/HR

Date:

22-Nov-96

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	14.1	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	107	7.3	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent 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

OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:

Denver Bearden

Date:

22-Nov-96

Company: PNM Gas Services

COC No.:

5137

Address:

603 W. Elm

Sample No.

12954

City, State: Farmington, NM 87401

Job No.

2-1000

Project Name:

PNM Gas Services - Federal A #1E

Project Location:

9611201500; Pit Excavation Composite Sample

Sampled by:

Date: Date:

20-Nov-96 Time: 21-Nov-96

15:00

Analyzed by: Sample Matrix: DC Soil

Laboratory Analysis

			Unit of	Detection	Unit of	
Parameter		Result	Measure	Limit	Measure	
Benzene		14.1	ug/kg	0.2	ug/kg	
Toluene		776.6	ug/kg	0.2	ug/kg	
Ethylbenzene		481.4	ug/kg	0.2	ug/kg	
m,p-Xylene		4580.8	ug/kg	0.2	ug/kg	
o-Xylene		1105.5	ug/kg	0.2	ug/kg	
	TOTAL	6958.3	ug/kg			

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

Approved by:
Date: \langle \la

Federal A#1E Questar Sec. 25, 30 N, 13 W

1-6-97

LANdfarm: On location composite sample # 9701061130 Soil vapor head space PID reading = 11.8 ppm.

b .90

2"-12" depth

OFF: (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:

8-Jan-97

COC No.:

5862

Sample No.

13325

Job No.

2-1000

Project Name:

PNM Gas Services - Federal A #1E Landfarm

Project Location: Sampled by:

GC

9701061130; 4pt. Composite, 2"-12" depth Date:

6-Jan-97 Time:

11:30

Analyzed by:

HR

Date:

6-Jan-97

Sample Matrix:

Soil

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.:

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 Spike

,	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: