

District I
P.O. Box 1900, Hobbs, NM
District II
P.O. Box 1900, Hobbs, NM
District III
P.O. Box 1900, Hobbs, NM

State of New Mexico
Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Meridian) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: East #11

Location: Unit: 1150 FSL/990 FEL Sec. 24 T. 31 N R. 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☐ Other Abandoned

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: Pit dimensions: length 15 width 15 depth 3

(Attach diagram) Reference: wellhead ☒ other ☐

Footage from reference: 210'

Direction from reference: 80 Degrees ☐ East ☒ North ☐ South ☒ West

Depth to Ground Water:

(Vertical distance from contaminants to seasonal high water elevation of ground water)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>10</u>

Wellhead Protection Area:

(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)

Yes	(20 points)	
No	(0 points)	<u>0</u>

Distance to Surface Water:

(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)

Less than 200 feet	(20 points)	
200 feet to 1,000 feet	(10 points)	
Greater than 1,000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: _____

Date Completed: _____

Remediation Method:

Excavation _____

Approx. Cubic Yard _____

(Check all appropriate sections)

Landfarmed _____

Amount Landfarmed (cubic yds) _____

Other _____

Remediation Location:

Onsite _____

Offsite _____

(i.e., landfarmed onsite, name and location of offsite facility)

Backfill Material Location: _____

General Description of Remedial Action:

No Remediation Necessary. Laboratory results below BLM/OCD standards.

Ground Water Encountered:

No



Yes

Depth _____

Final Pit Closure Sampling:

Sample Location

3 pt. composite

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth

6'

Sample date

10/21/96

Sample time

2:00:00 PM

Sample Results

Benzene (ppm)

0.0010

Total BTEX (ppm)

0.0097

Field headspace (ppm)

TPH

<

5.0

Method

8015A

Vertical Extent (ft) _____

Risk Assessment form attached

Yes

No



Ground Water Sample:

Yes

No



(If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE

January 22, 1997

SIGNATURE

PRINTED NAME
AND TITLEDenver Bearden
Administrator III

East #11

3-27-96

Meridian Oil

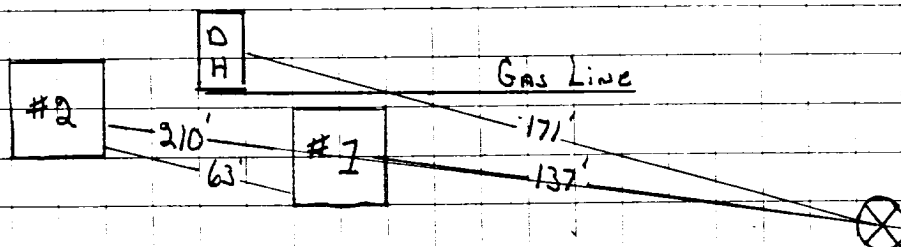
Sec. 24, T31N, R12W

1150' FNL + 990' FEL

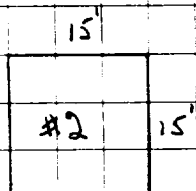
(2 pits)

Pit #1 - Active Dehydrator

Pit #2 - abandoned



Gas line 1' North of Pit #1.



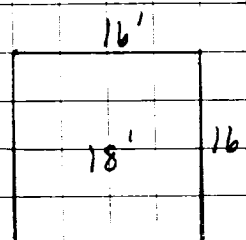
Pit #2: No remediation necessary

4' = 3.2 ppm

6' = 22 ppm

pit backfilled.

Composite sample # 9603261600



Pit #1

Composite sample # = 9603270930

18' Bottom = 110 ppm

15' North Wall = 52 ppm

10' South Wall = 10 ppm

14' East Wall = 38 ppm

14' West Wall = 22 ppm

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: *22-Oct-96*
COC No.: *5067*
Sample No. *12653*
Job No. *2-1000*

Project Name: *PNM Gas Services - East #11B Abandoned Pit*
Project Location: *9610211400; 3pt. Composite, 5&6' depth*
Sampled by: *GC* Date: *21-Oct-96* Time: *14:00*
Analyzed by: *DC/HR* Date: *22-Oct-96*
Sample Matrix: *Soil*

Laboratory Analysis

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

Quality Assurance Report

DRO QC No.: 0489-QC

Calibration Check

<i>Parameter</i>	<i>Method Blank</i>	<i>Unit of Measure</i>	<i>True Value</i>	<i>Analyzed Value</i>	<i>% Diff</i>	<i>Limit</i>
<i>Diesel Range (C10 - C28)</i>	<i><5.0</i>	<i>ppm</i>	<i>100</i>	<i>102</i>	<i>2.1</i>	<i>15%</i>

Matrix Spike

<i>Parameter</i>	<i>1 - Percent Recovered</i>	<i>2 - Percent Recovered</i>	<i>Limit</i>	<i>%RSD</i>	<i>Limit</i>
<i>Diesel Range (C10-C28)</i>	<i>95</i>	<i>97</i>	<i>(70-130)</i>	<i>1</i>	<i>20%</i>

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

Approved by: *[Signature]*
Date: *10/22/96*

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*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *23-Oct-96*
COC No.: *5067*
Sample No.: *12653*
Job No.: *2-1000*

Project Name: ***PNM Gas Services - East #11B Abandoned Pit***

Project Location: ***9610211400; 3pt. Composite, 5&6' depth***

Sampled by: GC Date: *21-Oct-96* Time: *14:00*

Analyzed by: DC Date: *22-Oct-96*

Sample Matrix: *Soil*

Laboratory Analysis

<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Benzene</i>	1.0	ug/kg	0.2	ug/kg
<i>Toluene</i>	1.9	ug/kg	0.2	ug/kg
<i>Ethylbenzene</i>	1.0	ug/kg	0.2	ug/kg
<i>m,p-Xylene</i>	4.5	ug/kg	0.2	ug/kg
<i>o-Xylene</i>	1.4	ug/kg	0.2	ug/kg
	<i>TOTAL</i>	9.7		ug/kg

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

Approved by: 
Date: *10/23/96*