

District I
P.O. Box 1990, Hobbs, NM

District II
P.O. Drawer DD, Artesia, NM 88221

District III
1000 Rio Brazos Rd, Aztec, NM 87410

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

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APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OCT 11 9 1996

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: Payne #2 (MOI)

Location: Unit: K Sec. 21 T. 32 N R. 10 W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: Pit dimensions: length 20 width 20 depth 3

(Attach diagram) **Reference:** wellhead ☒ other ☐

Footage from reference: 125'

Direction from reference: 10 Degrees ☐ East ☐ North ☐
of
☒ West ☒ South

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>0</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): 0

Date Remediation Started: 4/2/96 Date Completed: 4/2/96Remediation Method: Excavation X Approx. Cubic Yard 177

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 140

Other _____

Remediation Location: Onsite X Offsite _____

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

Backfill Material Location: _____

General Description of Remedial Action:

Excavated contaminated soil to pit size of 19'x18'x14' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil will be aerated by plowing/disking until soil meets regulatory levels.

Ground Water Encountered: 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 locations and depths.)

Sample depth 14'Sample date 4/2/96 Sample time 1:45:00 PM

Sample Results

Benzene (ppm) 0.0026Total BTEX (ppm) 0.2913

Field headspace (ppm) _____

TPH 66.00 Method 418.1Vertical 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 7-26-96SIGNATURE Denver BeardenPRINTED NAME
AND TITLE

Payne #2

4-2-96

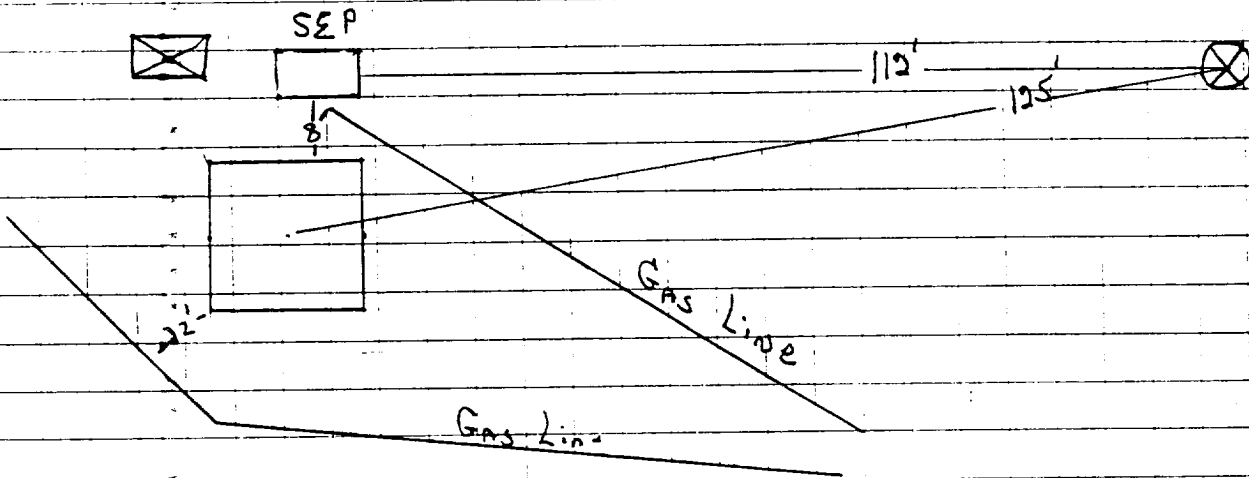
Meridian Oil

Sec. 21, T32N, R10W

1810' FSL + 1465 FWL

Run # 10-41

10° W of South



OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

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

Date: *4-Apr-96*
COC No.: *4584*
Sample No. *10536*
Job No. *2-1000*

Project Name: *PNM Gas Services - Payne #2*
Project Location: *9604021345; Bottom Composite Sample*
Sampled by: *RH* Date: *2-Apr-96* Time: *13:45*
Analyzed by: *HR* Date: *3-Apr-96*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>10536-4584</i>	<i>PNM Gas Services - Payne #2</i> <i>9604021345; Bottom Composite Sample</i>	<i>66 mg/kg</i>

Quality Assurance Report

Laboratory Identification	Analyzed Value	Acceptable Range	Units of Measure
<i>Laboratory Fortified Blank Soil - QCBS2</i>	<i>< 25</i>	<i>< 25</i>	<i>mg/kg</i>
<i>Laboratory Fortified Spike Soil - QCSS1</i>	<i>897</i>	<i>828 - 1024</i>	<i>mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *JCF*

Date: *4/4/96*

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OFF: (505) 325-8786



LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

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

Date: *3-Apr-96*
COC No.: *4584*
Sample No.: *10536*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Payne #2*
Project Location: *9604021345; Bottom Composite Sample*
Sampled by: *RH* Date: *2-Apr-96* Time: *13:45*
Analyzed by: *HR* Date: *3-Apr-96*
Type of Sample: *Soil*

Aromatic Volatile Organics

Component	Result	Units of Measure	Detection Limit	Units of Measure
<i>Benzene</i>	<i>2.6</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Toluene</i>	<i>33.1</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Ethylbenzene</i>	<i>14.4</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>m,p-Xylene</i>	<i>199.0</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>o-Xylene</i>	<i>42.3</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
	<i>TOTAL</i>	<i>291.3</i>		<i>ug/kg</i>

Method - SW-846 EPA Method 8010 Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*
Date: *4/6/96*

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Payne #2

5-7-96

Meridian D:1

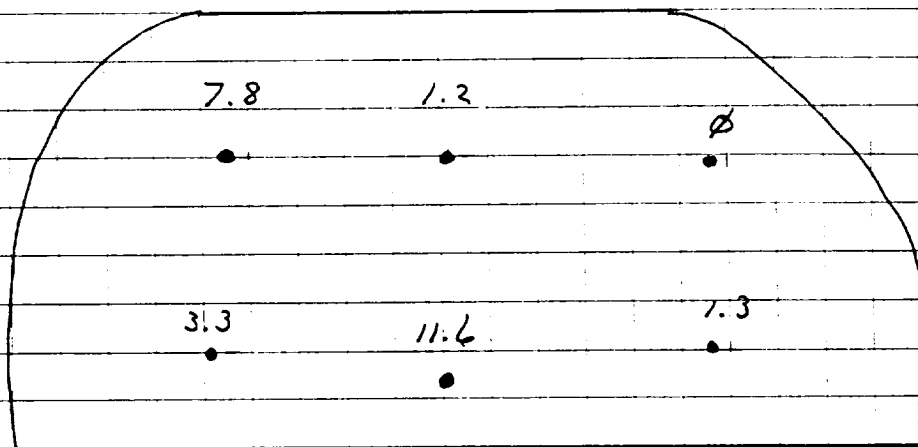
Sec. 21, T32 N, R10 W

Run # 10-41

Land Farmed on-location : 145 cubic yards

Composite Sample # 9605070935

Soil Vapor Head-space Reading = 38.3 ppm



sample depths between 2"-12"

OFF: (505) 325-8786



LAB: (505) 325-5667

Diesel Range Organics

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

Date: *9-May-96*
COC No.: *4638*
Sample No. *10847*
Job No. *2-1000*

Project Name: *PNM Gas Services - Payne #2 Land Farm*
Project Location: *9605080935; 6pt. Composite, 2"-12" deep*
Sampled by: *GC* Date: *8-May-96* Time: *9:35*
Analyzed by: *DC* Date: *9-May-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>152.7</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

Quality Assurance Report

DRO QC No.: *0475-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>2,000</i>	<i>1,820</i>	<i>9.0</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>96</i>	<i>98</i>	<i>(70-130)</i>	<i>2</i>	<i>20%</i>

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

Approved by: *[Signature]*
Date: *5/9/96*

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