

District I
P O Box 1980 Hobbs NM

District II
P O Drawer DD Artesia NM 88221

District III
1000 Rio Brazos Rd. Aztec NM 87410

Denny S. Faust
DEPUTY OIL & GAS INSPECTOR

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

FEB 28 1997

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
OCT 31 1996

OIL CON. DIV.
DIST. 3

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Mims State Com #2

Location: Unit: C Sec. 16 T. 29 N R. 9 W County San Juan

Pit Type: Separator Dehydrator ☒ Other

Land Type: BLM ☒ State Fee Other

Pit Location: Pit dimensions: length 20 width 20 depth 4

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 90'

Direction from reference: 90 Degrees East North
of ☒ West South ☒

Depth to Ground Water: <small>(Vertical distance from contaminants to maximum high water elevation of ground water)</small>	Less than 50 feet	(20 points)	<u>0</u>
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	

Wellhead Protection Area: <small>(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)</small>	Yes	(20 points)	<u>0</u>
	No	(0 points)	

Distance to Surface Water: <small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>	Less than 200 feet	(20 points)	<u>0</u>
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 7/25/96 Date Completed: 7/31/96

Remediation Method: Excavation X Approx. Cubic Yard 170
(Check all appropriate sections) Landfarmed X Amount Landfarmed (cubic yds) 130
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 23'x20'x10' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by plowing/disking until soil met 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 10'

Sample date 7/26/96 Sample time 9:30:00 AM

Sample Results

Benzene (ppm) 0.0027

Total BTEX (ppm) 8.1761

Field headspace (ppm) _____

TPH 14.80 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 October 25, 1996

SIGNATURE Maureen Gannon

PRINTED NAME Maureen Gannon
AND TITLE Environmental Engineer

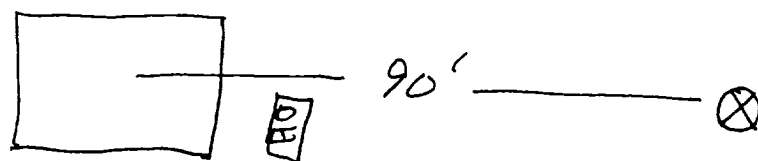
Mims State Com #2

7-25-96

Meridian Oil

Sec. 10, 29N, 9W, Unit C

90° W of S



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: *30-Jul-96*
COC No.: *4930*
Sample No. *11615*
Job No. *2-1000*

Project Name: *PNM Gas Services - Mims State Corn #2*
Project Location: *9607260930; 5pt. Composite, 4 Walls and Bottom at 10'*
Sampled by: *GC* Date: *26-Jul-96* Time: *9:30*
Analyzed by: *DC* Date: *29-Jul-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>14.8</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

Quality Assurance Report

DRO QC No.: *0479-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>2,018</i>	<i>0.9</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>109</i>	<i>99</i>	<i>(70-130)</i>	<i>7</i>	<i>20%</i>

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

Approved by: *[Signature]*
Date: *7/30/96*

P.O. BOX 2606 • FARMINGTON, NM 87499

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: *30-Jul-96*
COC No.: *4930*
Sample No.: *11615*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Mims State Com #2*
Project Location: *9607260930; 5pt. Composite, 4 Walls and Bottom at 10'*
Sampled by: *GC* Date: *26-Jul-96* Time: *9:30*
Analyzed by: *HR* Date: *29-Jul-96*
Sample Matrix: *Soil*

Laboratory Analysis

Component	Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene	2.7	ug/kg	0.2	ug/kg
Toluene	817.9	ug/kg	0.2	ug/kg
Ethylbenzene	405.9	ug/kg	0.2	ug/kg
m,p-Xylene	5929.4	ug/kg	0.2	ug/kg
o-Xylene	1020.2	ug/kg	0.2	ug/kg
TOTAL		8176.1	ug/kg	

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

Approved by: *[Signature]*
Date: *7/30/96*

Mims State Com #2

9-10-96

DNS

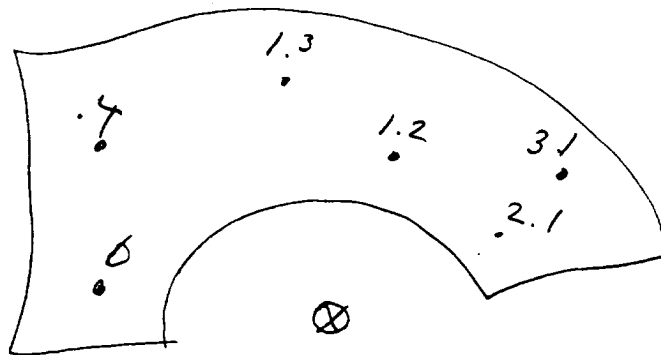
Sec. 16-29N, 9W

Land Farm: On-location

Composite sample # 9609101215

6 pt. comp.

soil vapor head space PID reading: 15.1 ppm



2"-12" depth
sandstone

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: *12-Sep-96*
COC No.: *5012*
Sample No. *12094*
Job No. *2-1000*

Project Name: *PNM Gas Services - Mims State Com #2 Landfarm*
Project Location: *9609101215; 6pt. Composite, 2"-12" depth*
Sampled by: *GC* Date: *10-Sep-96* Time: *12:15*
Analyzed by: *DC/HR* Date: *12-Sep-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>38.2</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>104</i>	<i>3.6</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>95</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: *9/12/96*

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