

District I *Denny G. Faust*
 P.O. Box 1980, Hobbs, NM
DEPUTY OIL & GAS INSPECTOR
 District II
 P.O. Drawer DD, Artesia, NM 88221
 District III
 1000 Rio Brazos Rd, Aztec, NM 87410

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

RECEIVED
 OCT 31 1998
 OIL CON. DIV.
 DIST. 3

Approved

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: Mims State Com #1A			
Location:	Unit: <u>D</u>	Sec. <u>16</u>	T. <u>29 N</u> R. <u>9 W</u> County <u>San Juan</u>
Pit Type:	Separator <input checked="" type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other _____
Land Type:	BLM <input checked="" type="checkbox"/>	State _____	Fee _____ Other _____
Pit Location:	Pit dimensions: length <u>20</u> width <u>20</u> depth <u>4</u>		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other _____		
	Footage from reference: <u>90'</u>		
	Direction from reference: <u>30</u> Degrees <input checked="" type="checkbox"/> East <input checked="" type="checkbox"/> North _____		
	_____ West _____ South _____		
Depth to Ground Water:	Less than 50 feet (20 points)	50 feet to 99 feet (10 points)	Greater than 100 feet (0 points) <u>0</u>
<small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>			
Wellhead Protection Area:	Yes (20 points)	No (0 points)	<u>0</u>
<small>(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from a other water sources)</small>			
Distance to Surface Water:	Less than 200 feet (20 points)	200 feet to 1,000 feet (10 points)	Greater than 1,000 feet (0 points) <u>0</u>
<small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>			
RANKING SCORE (TOTAL POINTS):			<u>0</u>

Date Remediation Started:

7/24/96

Date Completed:

7/28/96

Remediation Method:

Excavation

Approx. Cubic Yard 203

(Check all appropriate sections)

Landfarmed

Amount Landfarmed (cubic yds) 193

Other _____

Remediation Location:

Onsite

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 16'x18'x19' 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

19'

Sample date

7/25/96

Sample time

1:00:00 PM

Sample Results

Benzene (ppm)

0.0005

Total BTEX (ppm)

1.1641

Field headspace (ppm)

TPH

< 5.00

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

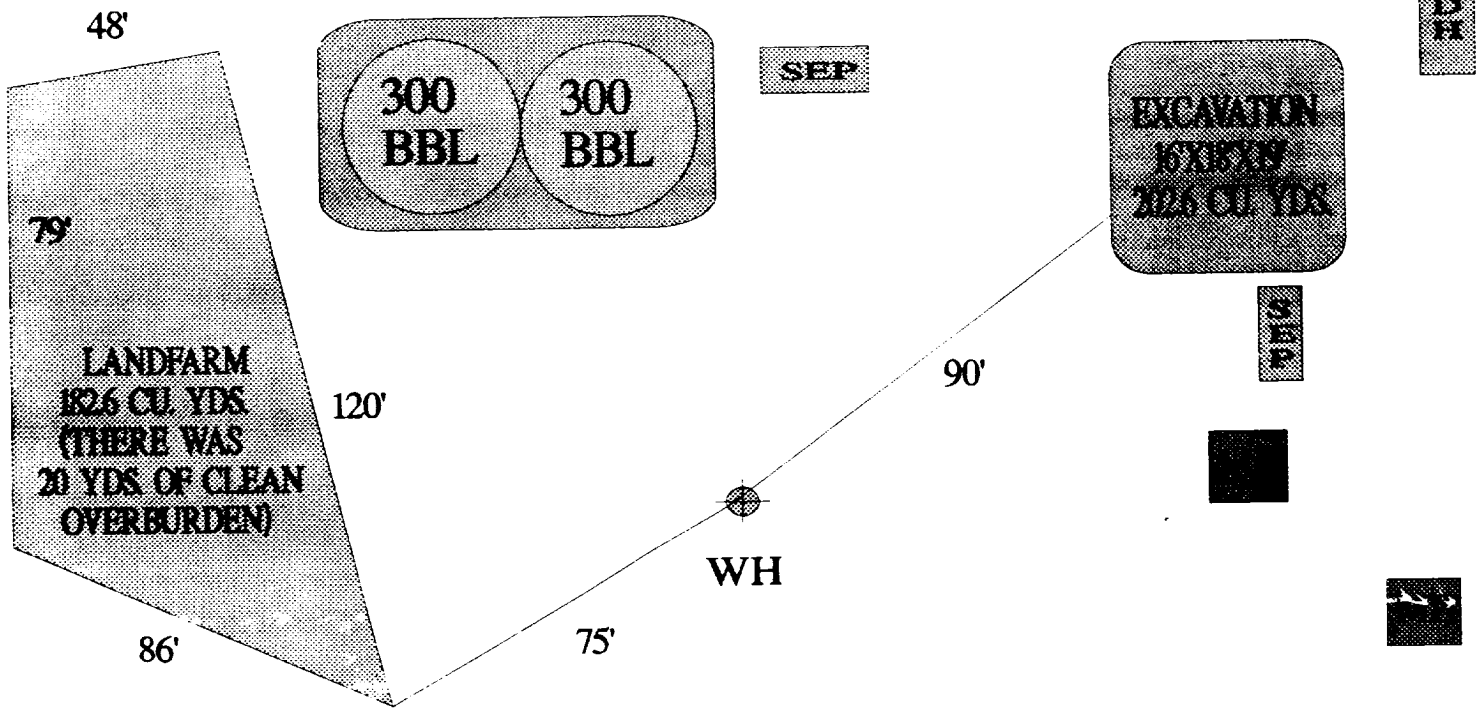
SIGNATURE

Maureen Gannon

PRINTED NAME AND TITLE

Maureen Gannon
Environmental Engineer

MIMS STATE COM #1A EXCAVATION
07/26/96





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.: *4736*
 Sample No. *11614*
 Job No. *2-1000*

Project Name: *PNM Gas Services - Mimms State Corn #1A*
 Project Location: *9607251300; Pit Excavation Composite Sample*
 Sampled by: *RH* Date: *25-Jul-96* Time: *13:00*
 Analyzed by: *DC* Date: *29-Jul-96*
 Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
<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.: *0479-QC*

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
<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

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
<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: *JCF*
 Date: *7/30/96*

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.: 4736
 Sample No.: 11614
 Job No.: 2-1000

Project Name: *PNM Gas Services - Mimms State Com #1A*
 Project Location: *9607251300; Pit Excavation Composite Sample*
 Sampled by: RH Date: 25-Jul-96 Time: 13:00
 Analyzed by: DC Date: 26-Jul-96
 Sample Matrix: *Soil*

Laboratory Analysis

<i>Component</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Benzene</i>	0.5	ug/kg	0.2	ug/kg
<i>Toluene</i>	56.4	ug/kg	0.2	ug/kg
<i>Ethylbenzene</i>	160.5	ug/kg	0.2	ug/kg
<i>m,p-Xylene</i>	788.6	ug/kg	0.2	ug/kg
<i>o-Xylene</i>	158.0	ug/kg	0.2	ug/kg
	<i>TOTAL</i>	1164.1		ug/kg

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

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

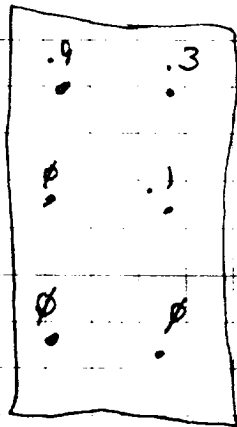
Mims State Com #1A
Meridian Oil
Sec. 16, 29N, 9W

9-10-96

Land Farm: On location

Composite sample # 9609101200 6pt. comp

Soil Vapor head space PID reading: 3.9 ppm



2"-12" depth
Sand

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.: *5011*
 Sample No. *12093*
 Job No. *2-1000*

Project Name: *PNM Gas Services - Mims State Com #1A Landfarm*
 Project Location: *9609101200; 6pt. Composite, 2"-12" depth*
 Sampled by: *GC* Date: *10-Sep-96* Time: *12:00*
 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>13.3</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*

P.O. BOX 2606 • FARMINGTON, NM 87499