

Denny L. Faust
DEPUTY OIL & GAS INSPECTOR

District I
P.O. Box 1989, Santa Fe, NM 87501
District II
P.O. Drawer DD, Artesia, NM 88221
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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

FEB 28 1997

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
OCT 31 1996

OIL CON. DIV
Dist. 3

Operator: PNM Gas Services (SRC) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Current #2
Location: Unit: M Sec. 11 T. 30 N R. 11 W County San Juan
Pit Type: Separator Dehydrator ☒ Other
Land Type: BLM ☒ State Fee Other

Pit Location: Pit dimensions: length 18 width 18 depth 4
(Attach diagram) Reference: wellhead ☒ other
Footage from reference: 127
Direction from reference: 20 Degrees ☒ East North
of
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) 0

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

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

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) 0

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

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started:		<u>6/7/96</u>		Date Completed:		<u>6/10/96</u>									
Remediation Method: (Check all appropriate sections)	Excavation	<u>X</u>	Approx. Cubic Yard		<u>142</u>										
	Landfarmed	<u>X</u>	Amount Landfarmed (cubic yds)		<u>142</u>										
	Other	<u></u>													
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)		Onsite	<u>X</u>	Offsite	<u></u>										
Backfill Material Location: <u></u>															
General Description of Remedial Action: Excavated contaminated soil to pit size of 16'x24'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. <u></u> <u></u> <u></u> <u></u> <u></u>															
Ground Water Encountered:		No	<u>✓</u>	Yes	<u></u>										
				Depth	<u></u>										
Final Pit Closure Sampling: (if multiple samples, attach sample result and diagram of sample locations and depths.)		Sample Location <u>5 pt. composite- 4 side walls and center of pit bottom.</u>													
		Sample depth <u>10'</u>													
		Sample date <u>6/7/96</u>		Sample time <u>11:05:00 AM</u>											
		Sample Results													
		Benzene (ppm)		<u>0.0352</u>											
		Total BTEX (ppm)		<u>2.4444</u>											
		Field headspace (ppm)		<u></u>											
		TPH	<u>< 5.00</u>	Method	<u>8015A</u>										
Vertical Extent (ft) <u></u>		Risk Assessment form attached		Yes	<u></u>	No	<u>✓</u>								
Ground Water Sample:		Yes	<u></u>	No	<u>✓</u>	(If yes, attach sample results)									
<p>I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF</p> <table style="width: 100%;"> <tr> <td>DATE</td> <td>October 25, 1996</td> <td>PRINTED NAME</td> <td>Maureen Gannon</td> </tr> <tr> <td>SIGNATURE</td> <td><i>Maureen Gannon</i></td> <td>AND TITLE</td> <td>Environmental Engineer</td> </tr> </table>								DATE	October 25, 1996	PRINTED NAME	Maureen Gannon	SIGNATURE	<i>Maureen Gannon</i>	AND TITLE	Environmental Engineer
DATE	October 25, 1996	PRINTED NAME	Maureen Gannon												
SIGNATURE	<i>Maureen Gannon</i>	AND TITLE	Environmental Engineer												



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: *10-Jun-96*
COC No.: *4697*
Sample No. *11129*
Job No. *2-1000*

Project Name: *PNM Gas Services - Current #2*
Project Location: *9606071530; 5pt. Composite, 4 Walls & Bottom, 10'*
Sampled by: *GC* Date: *7-Jun-96* Time: *11:05*
Analyzed by: *DC* Date: *10-Jun-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.: *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>1,955</i>	<i>2.3</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>106</i>	<i>105</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: *JaG*
Date: *6/10/96*

P. O. BOX 2606 • FARMINGTON, NM 87499

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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: 11-Jun-96
COC No.: 4697
Sample No.: 11129
Job No.: 2-1000

Project Name: **PNM Gas Services - Current #2**
Project Location: **9606071530; 5pt. Composite, 4 Walls & Bottom, 10'**
Sampled by: GC Date: 7-Jun-96 Time: 15:30
Analyzed by: DC Date: 9-Jun-96
Sample Matrix: *Soil*

Laboratory Analysis

Component	Result	Unit of Measure	Detection Limit	Unit of Measure
<i>Benzene</i>	35.2	ug/kg	0.2	ug/kg
<i>Toluene</i>	29.2	ug/kg	0.2	ug/kg
<i>Ethylbenzene</i>	202.9	ug/kg	0.2	ug/kg
<i>m,p-Xylene</i>	2152.9	ug/kg	0.2	ug/kg
<i>o-Xylene</i>	24.2	ug/kg	0.2	ug/kg
	TOTAL	2444.4		ug/kg

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

Approved by: *[Signature]*
Date: 6/11/96

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CURRENT #2
Meridian
Sec. 11-30N-11W

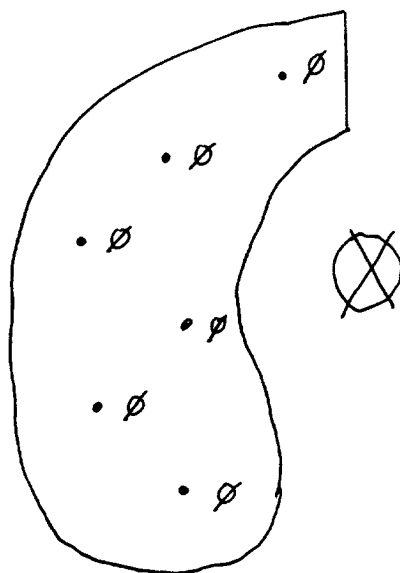
July 24, 1996

Land Farm: On Location
142 Yards

Composite Sample #: 9607241500

Soil Vapor Head-Space Reading = 5.6 ppm (PID)

Sample depths between 2" and 12"



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: *25-Jul-96*
COC No.: *4923*
Sample No. *11589*
Job No. *2-1000*

Project Name: *PNM Gas Services - Current #2 Landfarm*
Project Location: *9607241300; 6pt. Composite, 2"-12" depth*
Sampled by: *GC* Date: *24-Jul-96* Time: *13:00*
Analyzed by: *HR* Date: *25-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><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

<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>1,931</i>	<i>3.4</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>111</i>	<i>121</i>	<i>(70-130)</i>	<i>6</i>	<i>20%</i>

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

Approved by: *[Signature]*
Date: *7/26/96*

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