

District I
P. O. Box 480, Artesia, NM 88211

Deming E. Faust

State of New Mexico
Energy, Minerals and Natural Resources Department

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

District II
P. O. Drawer DD, Artesia, NM 88211

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

District III
1000 Rio Brazos Rd., El Paso, NM 87401

FEB 28 1997

2040 South Pacheco Street
Santa Fe, New Mexico 87505

RECEIVED
OCT 31 1996

Approved

PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
D-1153

Operator: <u>PNM Gas Services (SRC)</u>		Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>			
Facility or Well Name: <u>Nye #12</u>			
Location:	Unit: <u>G</u>	Sec. <u>12</u>	T. <u>30 N</u> R. <u>11 W</u> County <u>San Juan</u>
Pit Type:	Separator <input type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
Land Type:	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other <input type="checkbox"/>
Pit Location:	Pit dimensions: length <u>20</u> width <u>20</u> depth <u>3</u>		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other <input type="checkbox"/>		
	Footage from reference: <u>70'</u>		
	Direction from reference: <u>80</u> Degrees <input type="checkbox"/> East <input type="checkbox"/> North <input type="checkbox"/>		
	of <input checked="" type="checkbox"/> West <input checked="" type="checkbox"/> South <input checked="" type="checkbox"/>		
Depth to Ground Water:	Less than 50 feet	(20 points)	<u>0</u>
	50 feet to 99 feet	(10 points)	
(Vertical distance from contaminants to seasonal high water elevation of ground water)	Greater than 100 feet	(0 points)	
Wellhead Protection Area:	Yes	(20 points)	<u>0</u>
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	No	(0 points)	
Distance to Surface Water:	Less than 200 feet	(20 points)	<u>0</u>
	200 feet to 1,000 feet	(10 points)	
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Greater than 1,000 feet	(0 points)	
RANKING SCORE (TOTAL POINTS):			<u>0</u>

Date Remediation Started: 6/5/96 **Date Completed:** 6/5/96

Remediation Method: Excavation X **Approx. Cubic Yard** 36

(Check all appropriate sections) Landfarmed X **Amount Landfarmed (cubic yds)** 16

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 9'x12'x9' 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 9'

Sample date 6/5/96 **Sample time** 10:30:00 AM

Sample Results

Benzene (ppm) 0.0064

Total BTEX (ppm) 0.0785

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

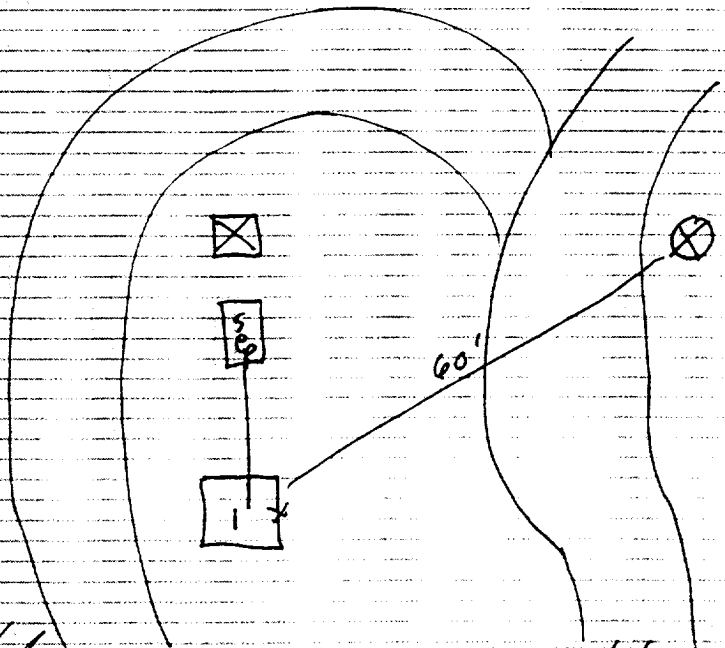
DATE October 25, 1996

SIGNATURE Maureen Gannon

PRINTED NAME Maureen Gannon

AND TITLE Environmental Engineer

Site Map



Assessor's Signature

David Holt

Date:

12/3/95



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: *8-Jun-96*
 COC No.: *4691*
 Sample No. *11087*
 Job No. *2-1000*

Project Name: *PNM Gas Services - Nye #12*
 Project Location: *9606051030; 5pt. Composite, 4 Walls & Bottom, 9'*
 Sampled by: *GC* Date: *5-Jun-96* Time: *10:30*
 Analyzed by: *HR* Date: *7-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>1,765</i>	<i>1,897</i>	<i>7.5</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: *[Signature]*
 Date: *6/8/96*

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

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: *8-Jun-96*
 COC No.: *4691*
 Sample No.: *11087*
 Job No.: *2-1000*

Project Name: *PNM Gas Services - NYE #12*
 Project Location: *9606051030; 5pt. Composite, 4 Walls & Bottom, 9'*
 Sampled by: *GC* Date: *5-Jun-96* Time: *10:30*
 Analyzed by: *DC* Date: *7-Jun-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>	<i>6.4</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Toluene</i>	<i>35.0</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Ethylbenzene</i>	<i>4.1</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>m,p-Xylene</i>	<i>26.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>o-Xylene</i>	<i>6.9</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
	<i>TOTAL</i>	<i>78.5</i>		<i>ug/kg</i>

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

Approved by: *[Signature]*
 Date: *6/8/96*

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NYE #12
Meridian
Sec. 12-30N-11W

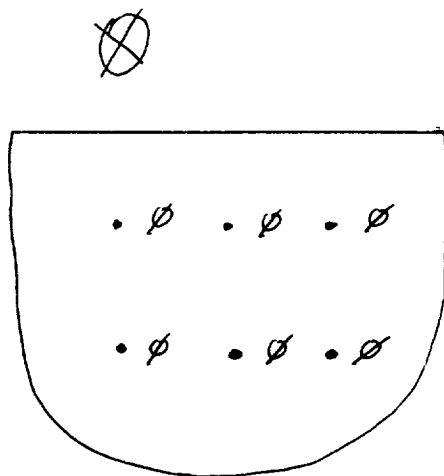
July 24, 1996

Land Farm: On Location
16 Yards

Composite Sample #: 96 07 24 1000

Soil Vapor Head-Space Reading = 1.6 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.: *4919*
 Sample No. *11585*
 Job No. *2-1000*

Project Name: *PNM Gas Services - Nye #12 Landfarm*
 Project Location: *9607241000; 6pt. Composite, 2"-12" depth*
 Sampled by: GC Date: *24-Jul-96* Time: *10:00*
 Analyzed by: HR Date: *25-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>1,931</i>	<i>3.4</i>	<i>15%</i>

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
<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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