

District I
P.O. Box 1980 Hobbs, NM

District II
P.O. Box 1980 Hobbs, NM

District III
1000 Rio Brazos Rd. Artesia, 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

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

FEB 28 1997

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
OCT 3 1 1997
91-111-1037
SANTA FE

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Nye #8

Location: Unit: P Sec. 1 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 15 ' width 15 ' depth 3 '

(Attach diagram) Reference: wellhead ✓ other

Footage from reference: 85'

Direction from reference: 30 Degrees ✓ East North ✓
of
 West South

Depth to Ground Water:	Less than 50 feet	(20 points)	<u>0</u>
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	

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

Wellhead Protection Area:	Yes	(20 points)	<u>0</u>
	No	(0 points)	

(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)	<u>0</u>
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	

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

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 6/4/96 Date Completed: 6/5/96

Remediation Method: Excavation X Approx. Cubic Yard 192

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 192

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 a pit size of 26'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 sample-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 6/4/96 Sample time 4:15:00 PM

Sample Results

Benzene (ppm) 0.0044

Total BTEX (ppm) 0.1572

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

MH



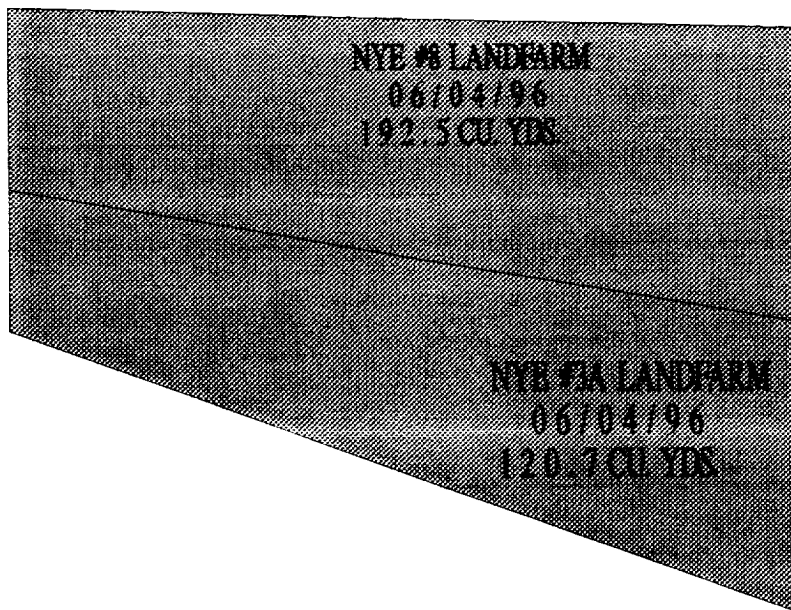
S
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EXCAVATION
26'X20'X10'
192.5 CU. YDS.



WH



NYE #8 EXCAVATION
06/04/96

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: *6-Jun-96*
COC No.: *4707*
Sample No. *11079*
Job No. *2-1000*

Project Name: *PNM Gas Services - NYE #8*
Project Location: *9606041615; Pit Excavation Composite Sample*
Sampled by: *RH* Date: *4-Jun-96* Time: *16:15*
Analyzed by: *HR* Date: *6-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>1,882</i>	<i>5.9</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>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: *Da4*
Date: *6/6/96*

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY SERVING 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: *6-Jun-96*
COC No.: *4707*
Sample No.: *11079*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Nye #8*
Project Location: *9606041615; Pit Excavation Composite Sample*
Sampled by: *RH* Date: *4-Jun-96* Time: *16:15*
Analyzed by: *DC* Date: *5-Jun-96*
Sample Matrix: *Soil*

Laboratory Analysis

Component	Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene	4.4	ug/kg	0.2	ug/kg
Toluene	22.0	ug/kg	0.2	ug/kg
Ethylbenzene	12.2	ug/kg	0.2	ug/kg
m,p-Xylene	93.5	ug/kg	0.2	ug/kg
o-Xylene	25.1	ug/kg	0.2	ug/kg
	TOTAL	157.2	ug/kg	

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

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

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NYE #8
Meridian
Sec. 01-30N-11W

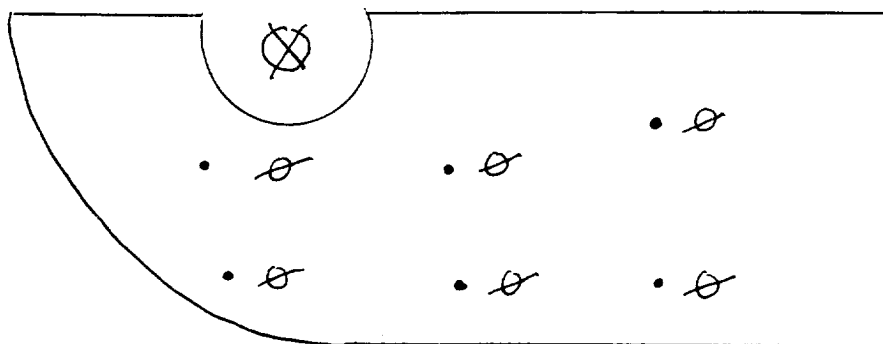
July 24, 1996

Land Farm: On Location
192 Yards

Composite Sample #: 96 07 24 07 30

Soil Vapor Head-Space Reading = 1.7 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.: *4918*
 Sample No. *11584*
 Job No. *2-1000*

Project Name: *PNM Gas Services - Nye #8 Landfarm*
 Project Location: *9607240930; 6pt. Composite, 2"-12" depth*
 Sampled by: *GC* Date: *24-Jul-96* Time: *9:30*
 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 ReportDRO 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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