

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

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

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: Nye #11

Location: Unit: D 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 P&A Marker

Footage from reference: 108'

Direction from reference: 40 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: 6/6/96 Date Completed: 6/10/96

Remediation Method: Excavation x Approx. Cubic Yard 153

(check all  
appropriate  
sections)

Landfarmed x Amount Landfarmed (cubic yds) 145

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 23'x18'x10' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil will be aerated by plowing/disking until soil meets 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 6/7/96 Sample time 11:05:00 AM

### Sample Results

Benzene (ppm) 0.0032

Total BTEX (ppm) 0.0707

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

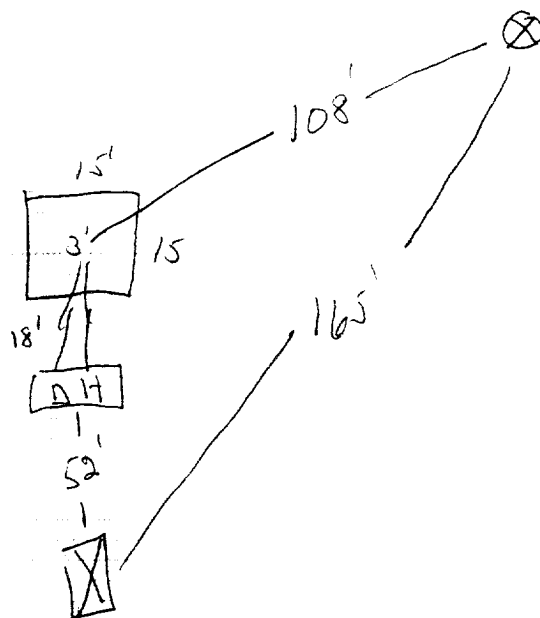
PRINTED NAME Maureen Gannon

AND TITLE Environmental Engineer

Well Name:	Nye #11				Data Sheet #:	3075
Legal Description:	Sec	Twn	Rng	Unit		
	1	30N	11W	0		
910' FNL						
1190 FWL						



70° W of S





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.: *4696*  
Sample No. *11128*  
Job No. *2-1000*

Project Name: ***PNM Gas Services - Nye #11***  
Project Location: ***9606071105; 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>&lt;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>&lt;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: *JaC*  
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.: *4696*  
Sample No.: *11128*  
Job No.: *2-1000*

Project Name: *PNM Gas Services - Nye #11*  
Project Location: *9606071105; 5pt. Composite, 4 Walls & Bottom, 10'*  
Sampled by: *GC* Date: *7-Jun-96* Time: *11:05*  
Analyzed by: *HR* Date: *11-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>	3.2	ug/kg	0.2	ug/kg
<i>Toluene</i>	14.5	ug/kg	0.2	ug/kg
<i>Ethylbenzene</i>	0.7	ug/kg	0.2	ug/kg
<i>m,p-Xylene</i>	16.5	ug/kg	0.2	ug/kg
<i>o-Xylene</i>	35.8	ug/kg	0.2	ug/kg
<i>TOTAL</i>	70.7	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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- TECHNOLOGIES, INC. IS NOT RESPONSIBLE FOR THE ACCURACY OF THE RESULTS -

Nye #11 P&A

10-1-96

Meridian D:1

Sec. 1; 30N, 11W

Land Farm: On location

composite sample # 9609101640

soil vapor head space PID reading = 14.2 ppm

Q

2'-12" depth

0	0
.5	3.2
1.9	3.1

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: *13-Sep-96*  
COC No.: *5253*  
Sample No. *12108*  
Job No. *2-1000*

Project Name: ***PNM Gas Services - Nye #11 P&A Landfarm***  
Project Location: ***9609101640***  
Sampled by: GC  
Analyzed by: DC  
Sample Matrix: *Soil*

Date: *10-Sep-96* Time: *16:40*  
Date: *13-Sep-96*

***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>&lt;5.0</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>&lt;5.0</i>	<i>ppm</i>	<i>100</i>	<i>95</i>	<i>5.3</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>82</i>	<i>96</i>	<i>(70-130)</i>	<i>11</i>	<i>20%</i>

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

Approved by:

Date: *9/13/96*

P.O. BOX 2606 • FARMINGTON, NM 87499

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