

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

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

RECEIVED
JUL 30 1996

OIL CON. DIV.
DIST. 3

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

DEPUTY OIL & GAS INSPECTOR

OCT 11 9 1996

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Nye #1

Location: Unit: M Sec. 12 T. 30 N R. 11 W County San Juan

Pit Type: Separator Dehydrator ✓ Other No

Land Type: BLM ✓ State Fee Other No

Pit Location: Pit dimensions: length 20 width 20 depth 3

(Attach diagram) Reference: wellhead ✓ other

Footage from reference: 175'

Direction from reference: 70 Degrees East North ✓

✓ West of 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) 10

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

RANKING SCORE (TOTAL POINTS) : 10

Date Remediation Started: 4/29/96 Date Completed: 4/29/96

Remediation Method: Excavation X Approx. Cubic Yard 241

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 220

Other _____

Remediation Location: Onsite _____ Offsite Nye #6 12-30N-11W

(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 22'x37'x8' and landfarmed soil offsite 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:

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample Location 5 pt. composite-4 side walls and center of pit bottom

Sample depth 8'

Sample date 4/29/96 Sample time 11:00:00 AM

Sample Results

Benzene (ppm) 0.0111

Total BTEX (ppm) 0.0380

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 7-26-96 PRINTED NAME
SIGNATURE Devin Bearden AND TITLE

Nye #1

4-29-96

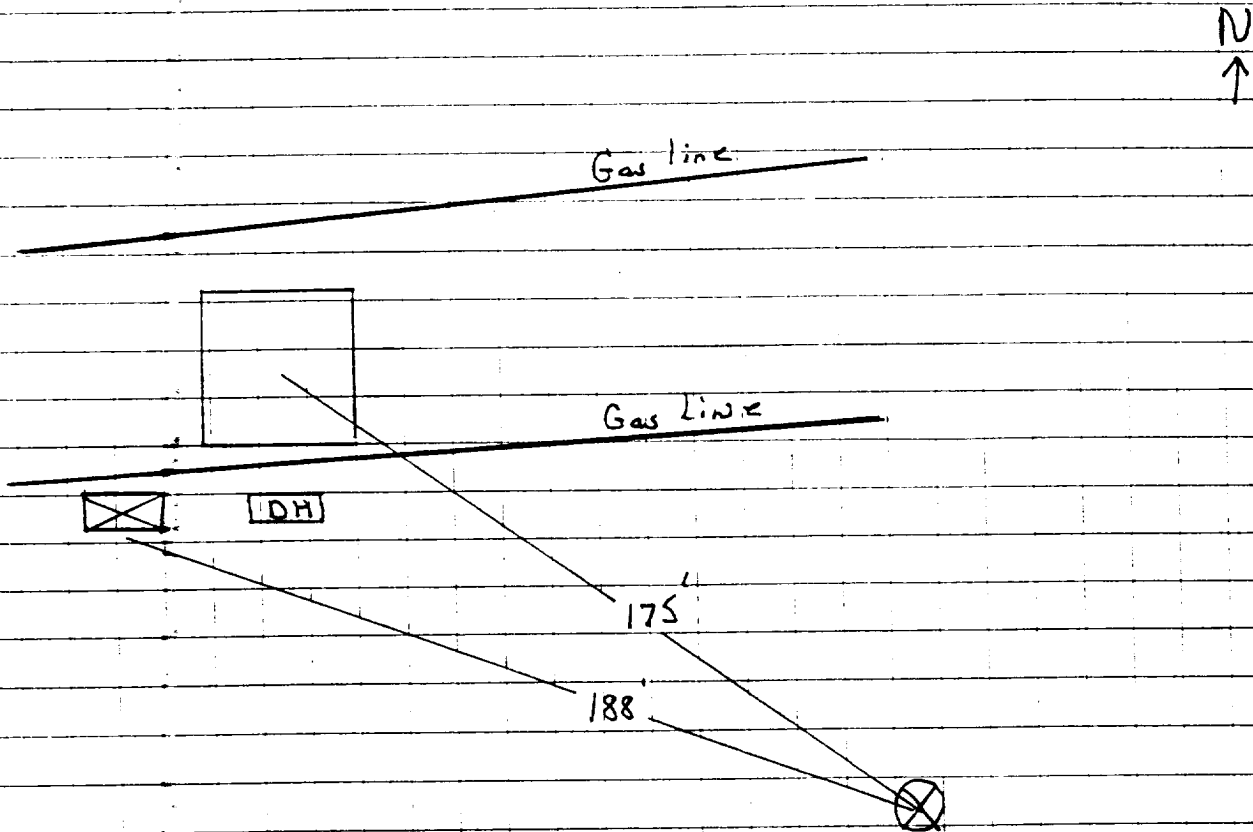
Meridian D:1

Sec. 12, T30 N, R11 W

70° W of N

990' FSL + 990' FWL

Run # 10-42



Gas Lines located both North + South side of pit

OFF: (505) 325-8786

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-5667

Diesel Range Organics EPA 8015-Modified

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *30-Apr-96*
COC No.: *4633*
Sample No. *10749*
Job No. *2-1000*

Project Name: *PNM Gas Services - Nye #1*
Project Location: *9604291100; 5pt. Composite, 4 Walls & Bottom, 8'*
Sampled by: *GC* Date: *29-Apr-96* Time: *11:00*
Analyzed by: *DC* Date: *30-Apr-96*
Sample Matrix: *Soil*

Laboratory Analysis

<i>Analyte</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.: *0446-STD*

Calibration Check

<i>Analyte</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>1,913</i>	<i>4.3</i>	<i>15%</i>

Matrix Spike

<i>Analyte</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>77</i>	<i>(70-130)</i>	<i>4</i>	<i>20%</i>

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

Approved by: *DeG*
Date: *4/30/96*

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: *30-Apr-96*
COC No.: *4633*
Sample No.: *10749*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Nye #1*
Project Location: *9604291100; 5pt. Composite, 4 Walls & Bottom, 8'*
Sampled by: *GC* Date: *29-Apr-96* Time: *11:00*
Analyzed by: *DC* Date: *30-Apr-96*
Sample Matrix: *Soil*

Aromatic Volatile Organics

Component	Result	Units of Measure	Detection Limit	Units of Measure
<i>Benzene</i>	<i>11.1</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Toluene</i>	<i>3.5</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Ethylbenzene</i>	<i>1.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>m,p-Xylene</i>	<i>18.1</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>o-Xylene</i>	<i>4.0</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
	<i>TOTAL</i>	<i>38.0</i>		<i>ug/kg</i>

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

Approved by: *[Signature]*
Date: *4/30/96*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

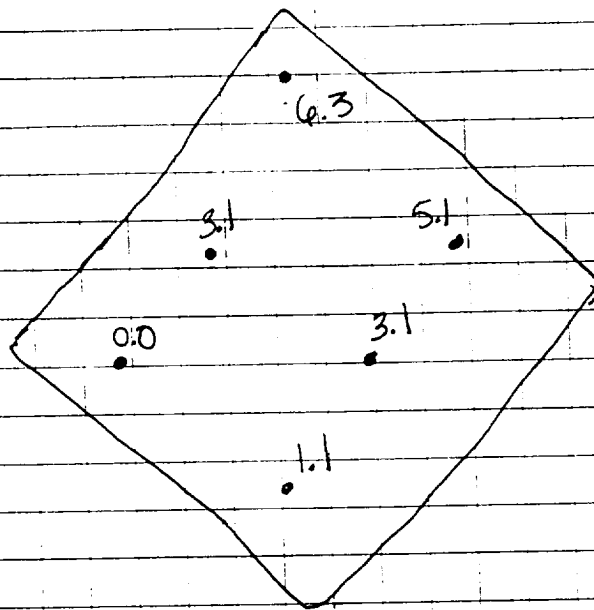
Nye #16 Landfarm (Nye #1)

7-2-96

Composite Sample # 9607021310

Soil Vapor Reading 22.5

RIA Marker



Sample Depth 2" - 12" deep

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: **10-Jul-96**
COC No.: **4904**
Sample No. **11400**
Job No. **2-1000**

Project Name: **PNM Gas Services - Nye #6 Landfarm**
Project Location: **9607021310; 6pt. Composite, 2"-12" deep**
Sampled by: **GC** Date: **2-Jul-96** Time: **13:10**
Analyzed by: **DC** Date: **10-Jul-96**
Sample Matrix: **Soil**

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	< 5.0	mg/kg	5.0	mg/kg

Quality Assurance Report

DRO QC No.: **0475-QC**


Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Diesel Range (C10 - C28)	< 5.0	ppm	2,000	2,048	2.4	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	114	104	(70-130)	7	20%

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

Approved by: 
Date: **7/10/96**