

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

District **DEPUTY OIL & GAS INSPECTOR**
P.O. Drawer 80 Artesia, NM 88221

District III
1000 Rio Brazos Rd., Austin, TX 78741

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

RECEIVED
OCT 31 1965
OIL CO. DIV.
FBI

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Meridian/SRC)		Telephone: 324-3764	
Address: 603 W. Elm Street Farmington, NM 87401			
Facility or Well Name: Nye #17			
Location:	Unit: L	Sec: 1	T. 30 N R. 11 W County: San Juan
Pit Type:	Separator	Dehydrator <input checked="" type="checkbox"/>	Other
Land Type:	BLM <input checked="" type="checkbox"/>	State	Fee Other
Pit Location:	Pit dimensions:	length 18	width 18 depth 4
(Attach diagram)	Reference:	wellhead <input checked="" type="checkbox"/>	other
	Footage from reference:	88'	
	Direction from reference:	42 Degrees	East North <input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/> 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)
(Vertical distance from contaminants to sea level; high water elevation of ground water)			0
Wellhead Protection Area:		Yes	(20 points)
		No	(0 points)
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)			0
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)
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)			0
RANKING SCORE (TOTAL POINTS):			0

Date Remediation Started:

6/3/96

Date Completed:

6/3/96

Remediation Method:

Excavation

☒

Approx. Cubic Yard

53

(Check all appropriate sections)

Landfarmed

☒

Amount Landfarmed (cubic yds)

23

Other

Remediation Location:

Onsite

☒

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 19'x19'x4' 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

4'

Sample date

6/3/96

Sample time

9:30:00 AM

Sample Results

Benzene (ppm)

0.0040

Total BTEX (ppm)

0.4101

Field headspace (ppm)

TPH

22.40

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

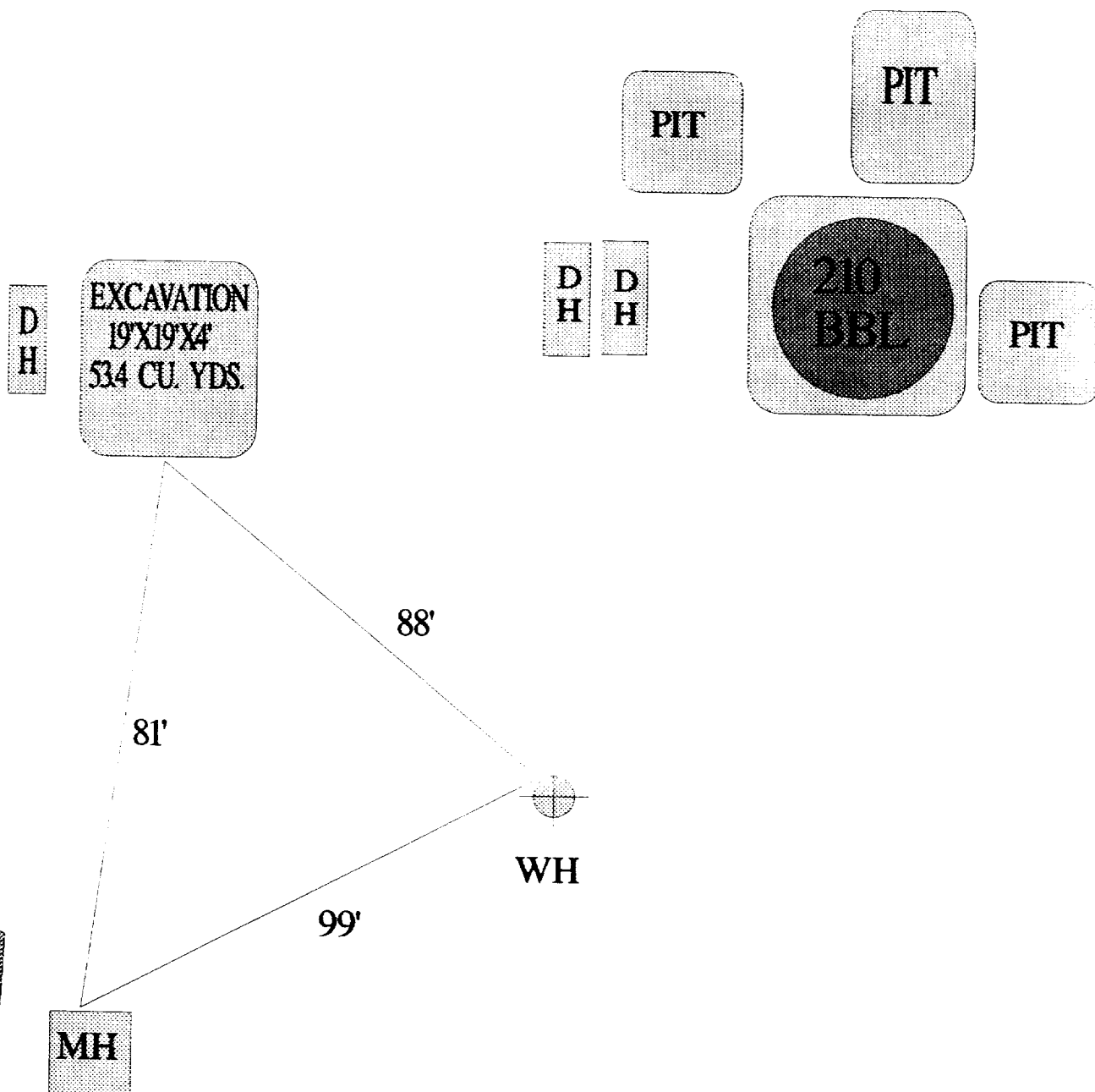
PRINTED NAME
AND TITLE

Maureen Gannon

Environmental Engineer

SIGNATURE





NYE #17 EXCAVATION
06/03/96

OFF: (505) 325-8786



LAB: (505) 325-5567

Diesel Range Organics

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

Date: *4-Jun-96*
COC No.: *4705*
Sample No. *11072*
Job No. *2-1000*

Project Name: *PNM Gas Services - NYE 17*
Project Location: *9606030930; Pit Excavation Composite Sample*
Sampled by: *RH* Date: *3-Jun-96* Time: *9:30*
Analyzed by: *HR* Date: *4-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>22.4</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>1,840</i>	<i>8.0</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>97</i>	<i>99</i>	<i>(70-130)</i>	<i>2</i>	<i>20%</i>

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

Approved by: *[Signature]*
Date: *6/4/96*

P. O. BOX 2606 • FARMINGTON, NM 87499

Lab Report - Diesel Range Organics - Environmental

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: *5-Jun-96*
COC No.: *4705*
Sample No.: *11072*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Nye 17*
Project Location: *9606030930; Pit Excavation Sample*
Sampled by: *RH* Date: *3-Jun-96* Time: *9:30*
Analyzed by: *DC* Date: *4-Jun-96*
Sample Matrix: *Soil*

Laboratory Analysis

Component	Result	Unit of Measure	Detection Limit	Unit of Measure
<i>Benzene</i>	4.0	ug/kg	0.2	ug/kg
<i>Toluene</i>	26.8	ug/kg	0.2	ug/kg
<i>Ethylbenzene</i>	75.6	ug/kg	0.2	ug/kg
<i>m,p-Xylene</i>	273.6	ug/kg	0.2	ug/kg
<i>o-Xylene</i>	30.1	ug/kg	0.2	ug/kg
TOTAL		410.1		ug/kg

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

Approved by: *[Signature]*
Date: *6/5/96*

Nye #17

9-10-96

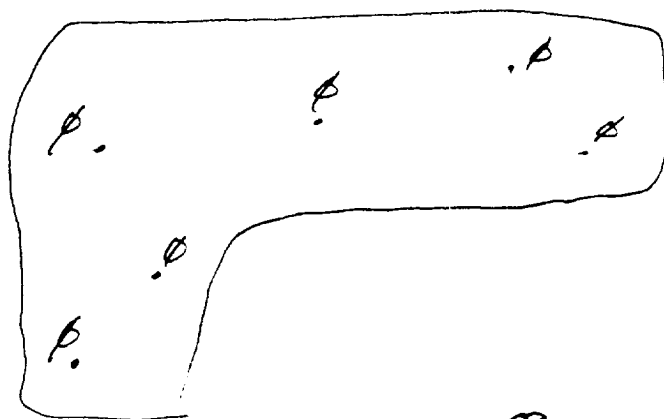
Meridian

Sec. 1, 30N, 11W

Land Farm: On-location

Composite sample # 9609101625

Soil vapor head space PID reading: 13.1 ppm



2"-12" depth
sand



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.: *5030*
Sample No. *12107*
Job No. *2-1000*

Project Name: *PNM Gas Services - Nye #17 Landfarm*
Project Location: *9609101625; 6pt. Composite, 2"-12" depth*
Sampled by: *GC* Date: *10-Sep-96* Time: *16:25*
Analyzed by: *DC* Date: *13-Sep-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.: *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><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: *[Signature]*
Date: *9/13/96*