

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

Approved

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Davidson Gas Com H #1E

Location: Unit: C Sec. 22 T. 28 N R. 10 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other ☐

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐ No ☐

Pit Location: Pit dimensions: length 18 width 18 depth 4

(Attach diagram) Reference: wellhead ☒ other ☐

Footage from reference: 148'

Direction from reference: 4 Degrees ☒ East ☐ North ☒
of ☐ West ☐ South ☐

Depth to Ground Water:

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

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points)

0

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or, less than 1,000
feet from all other water sources)

Yes (20 points)
No (0 points)

0

Distance to Surface Water:

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

Less than 200 feet (20 points)
200 feet to 1,000 feet (10 points)
Greater than 1,000 feet (0 points)

0

RANKING SCORE (TOTAL POINTS) :

0

Date Remediation Started:

9/10/96

Date Completed:

9/13/96

Remediation Method:

Excavation

☒

Approx. Cubic Yard

122

(Check all appropriate sections)

Landfarmed

☒

Amount Landfarmed (cubic yds)

122

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 22'x15'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-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

9/10/96

Sample time

10:15:00 AM

Sample Results

Benzene (ppm)

0.1793

Total BTEX (ppm)

26.3285

Field headspace (ppm)

TPH

88.7

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

January 22, 1997

SIGNATURE

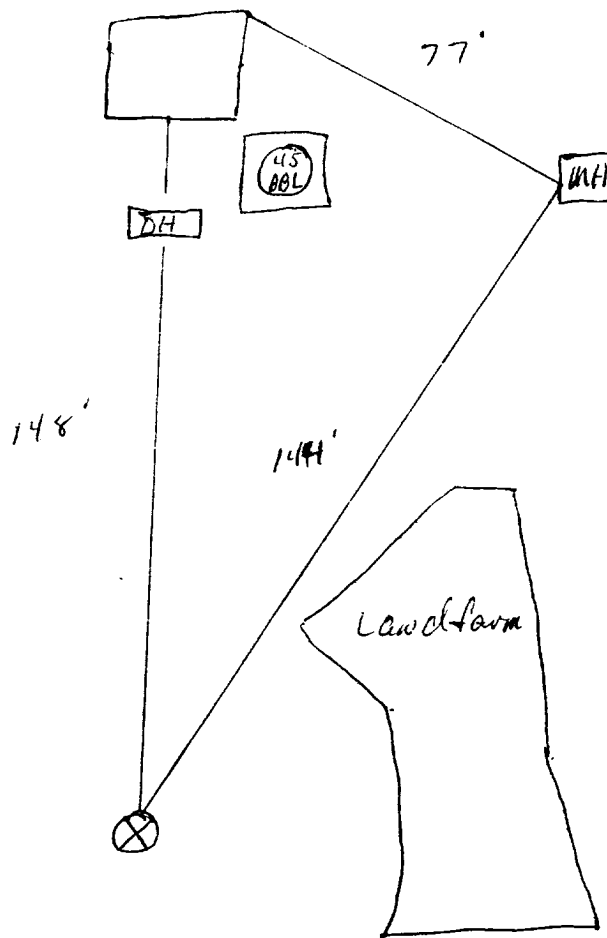


PRINTED NAME
AND TITLE

Denver Bearden
Administrator III

Davidson Gas
Com H #1E
322 T28N R10W
Unit "4"

↑
N



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: *16-Sep-96*
COC No.: *4749*
Sample No.: *12109*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Davidson Gas Com H #1E*
Project Location: *9609101015; Pit Excavation Composite Sample*
Sampled by: *RH* Date: *10-Sep-96* Time: *10:15*
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>88.7</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: *9/16/96*

P.O. BOX 2606 • FARMINGTON, NM 87499

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OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

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

Date: 16-Sep-96
COC No.: 4749
Sample No. 12109
Job No. 2-1000

Project Name: **PNM Gas Services - Davidson Gas Com H #1E**
Project Location: **9609101015; Pit Excavation Composite Sample**
Sampled by: RH Date: 10-Sep-96 Time: 10:15
Analyzed by: DC Date: 11-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>Benzene</i>	179.3	ug/kg	0.2	ug/kg
<i>Toluene</i>	6273.2	ug/kg	0.2	ug/kg
<i>Ethylbenzene</i>	1190.1	ug/kg	0.2	ug/kg
<i>m,p-Xylene</i>	15535.2	ug/kg	0.2	ug/kg
<i>o-Xylene</i>	3150.7	ug/kg	0.2	ug/kg
	TOTAL	26328.5	ug/kg	

Method - SW-846 EPA Method 8202 Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*
Date: 9/16/96

Davidson Gas Com H-1E

10-23-96

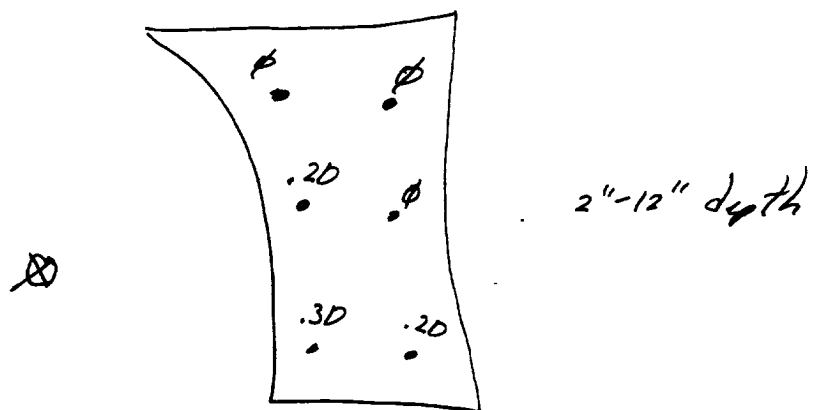
Amoco

Sec. 22, 28N, 10W,

Landfarm: on location

Composite sample # 961023 0915

soil vapor headspace PID reading = 3.2 ppm



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-Oct-96*
COC No.: *5091*
Sample No. *12681*
Job No. *2-1000*

Project Name: *PNM Gas Services - Davidson Gas Com H-1E Landfarm*
Project Location: *9610230915; 6pt. Composite, 2"-12" depth*
Sampled by: *GC* Date: *23-Oct-96* Time: *9:15*
Analyzed by: *DC/HR* Date: *25-Oct-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>92</i>	<i>7.6</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>114</i>	<i>104</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: *10/25/96*

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