

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

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

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APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OIL CON. DIV.
DIST. 3

OCT 19 1996

H. Faust

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>PNM Gas Services (Meridian)</u>		Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>			
Facility or Well Name: <u>Payne #1A</u>			
Location:	Unit: <u>D</u>	Sec. <u>20</u>	T. <u>32 N</u> R. <u>10 W</u> County <u>San Juan</u>
Pit Type:	Separator <input type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other <u>No</u>
Land Type:	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other <u>No</u>
Pit Location:	Pit dimensions: length <u>16</u> width <u>16</u> depth <u>3</u>		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/>	other <u> </u>	
	Footage from reference: <u>80'</u>		
	Direction from reference: <u>70</u> Degrees <input type="checkbox"/> East <input checked="" type="checkbox"/> North <input type="checkbox"/> West <input type="checkbox"/> South		
Depth to Ground Water:			
(Vertical distance from contaminant 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) <u>0</u>
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) <u>0</u>
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) <u>0</u>
RANKING SCORE (TOTAL POINTS):			<u>0</u>

Date Remediation Started: 4/2/96 Date Completed: 4/2/96Remediation Method: Excavation X Approx. Cubic Yard 42

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 42

Other _____

Remediation Location: Onsite _____ Offsite Payne #2 21-32N-10W
(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 16'x14'x5' and landfarmed soil offsite withing 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 bottomSample depth 5'Sample date 4/2/96 Sample time 11:10:00 AM

Sample Results

Benzene (ppm) 0.0015Total BTEX (ppm) 7.9077

Field headspace (ppm) _____

TPH 1618.00 Method 418.1Vertical 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

SIGNATURE

7-26-96
Devin BeardenPRINTED NAME
AND TITLE

Payne 1A

4-2-96

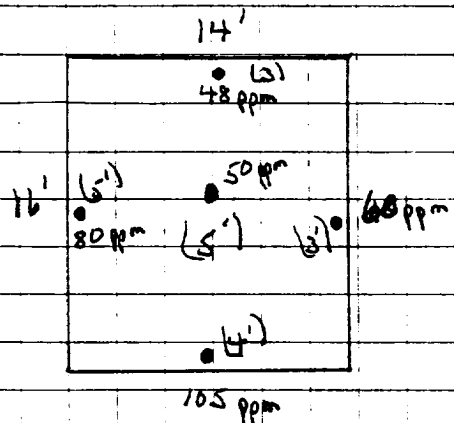
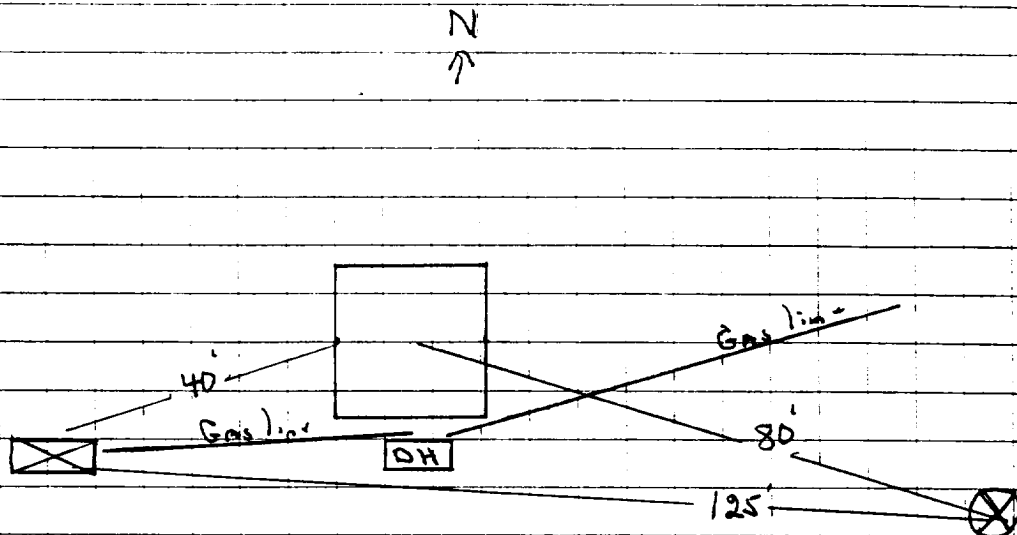
Meridian 0:1

Sec. 20, T32N, R10W

1140' FSL + 1130 FEL

Run # 10-41

70° W of N



$16' \times 14' \times 5' = 42 \text{ yds}$
no overburden

Composite sample # 960402.

Pit Excavation

OFF: (505) 325-8786

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

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

Date: *4-Apr-96*
COC No.: *4599*
Sample No. *10537*
Job No. *2-1000*

Project Name: *PNM Gas Services - Payne #1A*
Project Location: *9604021110; 5pt. Composite, 4 Walls & Bottom, 5'*
Sampled by: *GC* Date: *2-Apr-96* Time: *11:10*
Analyzed by: *HR* Date: *3-Apr-96*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>10537-4599</i>	<i>PNM Gas Services - Payne #1A</i> <i>9604021110; 5pt. Composite, 4 Walls & Bottom, 5'</i>	<i>1,618 mg/kg</i>

Quality Assurance Report

Laboratory Identification	Analyzed Value	Acceptable Range	Units of Measure
<i>Laboratory Fortified Blank Soil - QCBS2</i>	<i>< 25</i>	<i>< 25</i>	<i>mg/kg</i>
<i>Laboratory Fortified Spike Soil - QCSS1</i>	<i>897</i>	<i>828 - 1024</i>	<i>mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *[Signature]*

Date: *4/4/96*

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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: *3-Apr-96*
COC No.: *4599*
Sample No.: *10537*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Payne #1A*
Project Location: *9604021110; 5pt. Composite, 4 Walls & Bottom, 5'*
Sampled by: *GC* Date: *2-Apr-96* Time: *11:10*
Analyzed by: *HR* Date: *3-Apr-96*
Type of Sample: *Soil*

Aromatic Volatile Organics

Component	Result	Units of Measure	Detection Limit	Units of Measure
Benzene	1.5	ug/kg	0.2	ug/kg
Toluene	180.1	ug/kg	0.2	ug/kg
Ethylbenzene	418.5	ug/kg	0.2	ug/kg
m,p-Xylene	5797.8	ug/kg	0.2	ug/kg
o-Xylene	1509.8	ug/kg	0.2	ug/kg
TOTAL		7907.7		ug/kg

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

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

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