

District III
1000 Rio Brazos Rd. Apt. 874 NM 8741000

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

RECEIVED
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OIL CON. DIV
DIST. 3

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

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:		Payne #3A									
Location:		Unit:	D	Sec.	20	T.	32 N	R.	10 W	County	San Juan
Pit Type:		Separator		Dehydrator	<input checked="" type="checkbox"/>	Other	No				
Land Type:		BLM	<input checked="" type="checkbox"/>	State		Fee		Other	No		
Pit Location:		Pit dimensions:		length	20	width	20	depth	3		
(Attach diagram)		Reference:		wellhead	<input checked="" type="checkbox"/>	other					
		Footage from reference:		130'							
		Direction from reference:		40	Degrees	<input checked="" type="checkbox"/>	East	North	<input checked="" type="checkbox"/>		
							West	South			
Depth to Ground Water:				Less than 50 feet		(20 points)					
				50 feet to 99 feet		(10 points)					
(Vertical distance from contaminants to seasonal high water elevation of ground water)				Greater than 100 feet		(0 points)		0			
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)					
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)				Greater than 1,000 feet		(0 points)		0			
RANKING SCORE (TOTAL POINTS) :								0			

Date Remediation Started: 4/1/96 **Date Completed:** 4/1/96

Remediation Method: Excavation X Approx. Cubic Yard 131
 Landfarmed X Amount Landfarmed (cubic yds) 131
 (Check all appropriate sections) 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 of 30'x25'x5' 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:

(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 5'

Sample date 4/1/96 **Sample time** 3:00:00 PM

Sample Results

Benzene (ppm) 0.0402

Total BTEX (ppm) 6.7409

Field headspace (ppm) _____

TPH 908.00 **Method** 418.1

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 Klemm Bearden AND TITLE _____

Payne 3A

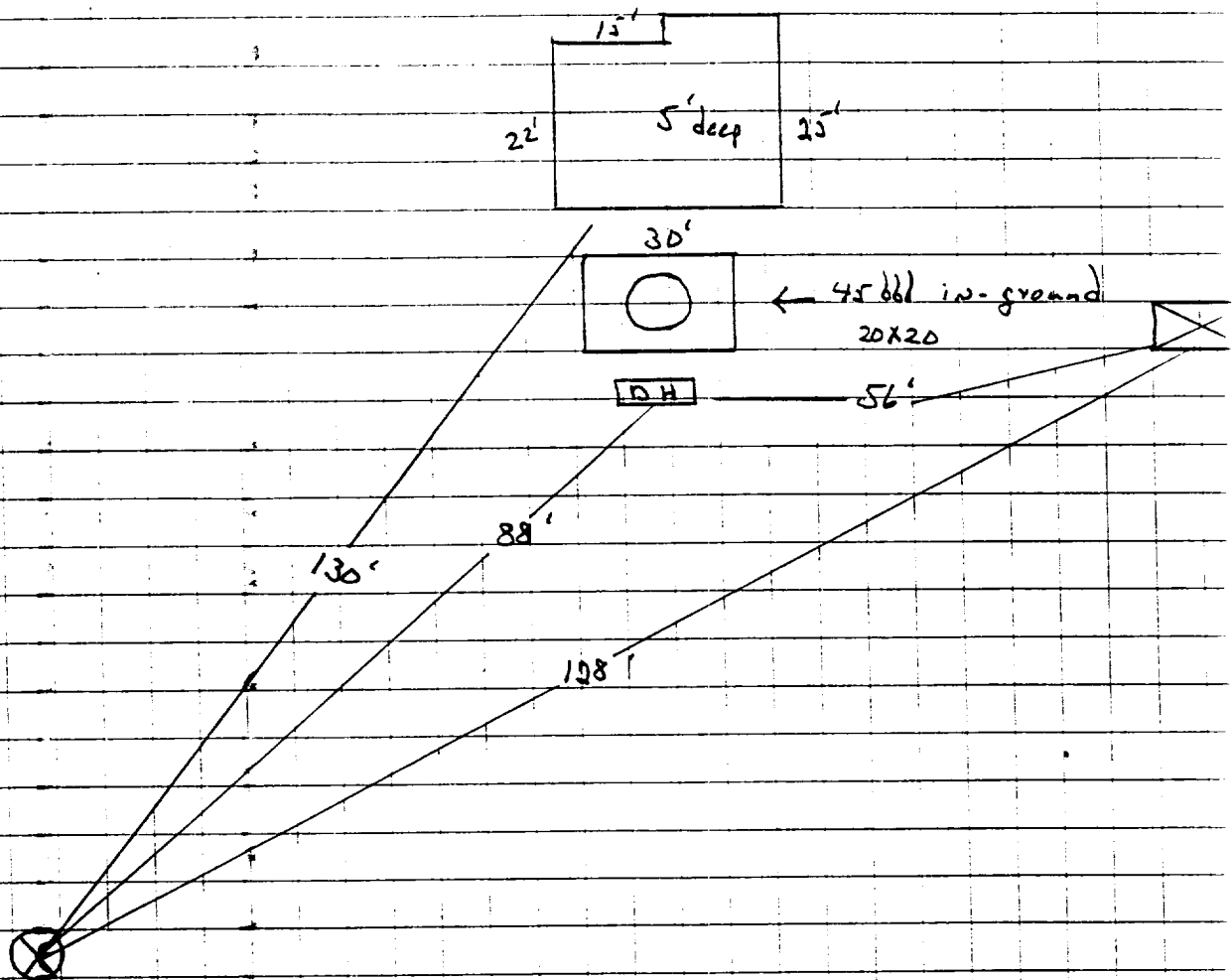
Meridian Oil

Sec. 20, T32N, R10W

4-1-96

40° E of N

Run # 10-41



OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

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

Date: *2-Apr-96*
COC No.: *4598*
Sample No. *10534*
Job No. *2-1000*

Project Name: *PNM Gas Services - Payne 3A*
Project Location: *9604011500; 5pt. Composite*
Sampled by: *GC* Date: *1-Apr-96* Time: *15:00*
Analyzed by: *HR* Date: *2-Apr-96*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>10534-4598</i>	<i>PNM Gas Services - Payne 3A</i> <i>9604011500; 5pt. Composite</i>	<i>908 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>887</i>	<i>828 - 1024</i>	<i>mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *[Signature]*
Date: *4/2/96*

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OFF: (505) 325-8786

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

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

Date: *2-Apr-96*
COC No.: *4598*
Sample No. *10534*
Job No. *2-1000*

Project Name: *PNM Gas Services - Payne 3A*
Project Location: *9604011500; 5pt. Composite*
Sampled by: *GC* Date: *1-Apr-96* Time: *15:00*
Analyzed by: *DC* Date: *2-Apr-96*
Type of Sample: *Soil*

Aromatic Volatile Organics

Component	Result	Units of Measure	Detection Limit	Units of Measure
<i>Benzene</i>	40.2	ug/kg	0.2	ug/kg
<i>Toluene</i>	915.6	ug/kg	0.2	ug/kg
<i>Ethylbenzene</i>	459.4	ug/kg	0.2	ug/kg
<i>m,p-Xylene</i>	4461.1	ug/kg	0.2	ug/kg
<i>o-Xylene</i>	864.5	ug/kg	0.2	ug/kg
	TOTAL	6740.9	ug/kg	

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

Approved by: *[Signature]*
Date: *4/2/96*

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Payne #3A

5-7-96

Meridian Oil

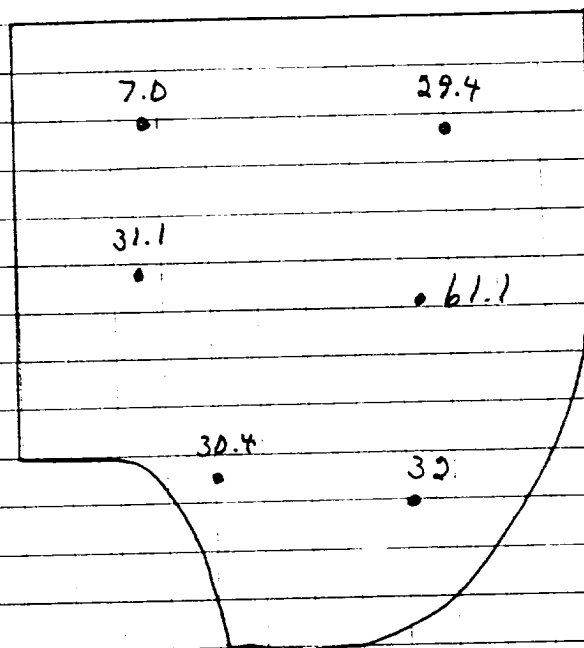
Sec. 20, T32N, R10W

Run # 10-41

Land Farmed On-Location = 131 yards

Composite Sample # 960507 0920 (6 points)

Soil Vapor Head-space reading = 81.3 ppm



Sample depths:
between 2" & 12"

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: **9-May-96**
 COC No.: **4637**
 Sample No. **10846**
 Job No. **2-1000**

Project Name: **PNM Gas Services - Payne 3A Land Farm**
 Project Location: **9605080930; 6pt. Composite, 2"-12" deep**
 Sampled by: **GC** Date: **8-May-96** Time: **9:30**
 Analyzed by: **DC** Date: **9-May-96**
 Sample Matrix: **Soil**

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	130.2	mg/kg	5.0	mg/kg

Quality Assurance ReportDRO 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	1,820	9.0	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	96	98	(70-130)	2	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas ChromatographyApproved by: Date: **5/9/96**

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