

District I  
P.O. Box 1386 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

*Denny E. Faust*  
**DEPUTY OIL & GAS INSPECTOR**

OIL CONSERVATION DIVISION

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

SEP 03 1999

**PIT REMEDIATION AND CLOSURE REPORT**

**RECEIVED**  
JUL 30 1999

**OIL CON. DIV.**  
**DIST. 3**

**Operator:** PNM Gas Services (Energen) **Telephone:** 324-3764

**Address:** 603 W. Elm Street Farmington, NM 87401

**Facility or Well Name:** Wright State Com #1E North Pit

**Location:** Unit I Sec 36 T 32 N R 13 W County San Juan

**Pit Type:** Separator ☐ Dehydrator ☐ Other No equip; it has been cut out.

**Land Type:** BLM ☐ State ☐ Fee ☒ Other

**Pit Location:** Pit dimensions: length 18' width 18' depth 3'

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 138'

Direction from reference: 15 Degrees ☒ East North ☒  
of ☐ 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)	<u>0</u>

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

**Wellhead Protection Area:**

Yes	(20 points)	
No	(0 points)	<u>0</u>

(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)	<u>10</u>

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

**RANKING SCORE (TOTAL POINTS):** 10

Wright State Com #1E North Pit

Date Remediation Started: 04/27/1999

Date Completed: 04/27/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 33

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 33

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 a pit size of 10' X 10' X 9' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by disking/plowing until soil met regulatory levels.

Ground Water Encountered:

No



Yes



Depth

Final Pit Closure Sampling:

Sample Location 5 pt. composite - bottom.

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

Sample depth 9'

Sample date 04/27/1999

Sample time 11:15:00 AM

Sample Results

Benzene (ppm) < 0.001

Total BTEX (ppm) < 0.007

Field headspace (ppm)

TPH (ppm) < 25.00

Method 8015B

Vertical Extent (ft)

Risk Analysis form attached Yes ☐ No ☒

Ground Water Sample:

Yes



No



(If yes, see attached Groundwater Site Summary Report)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

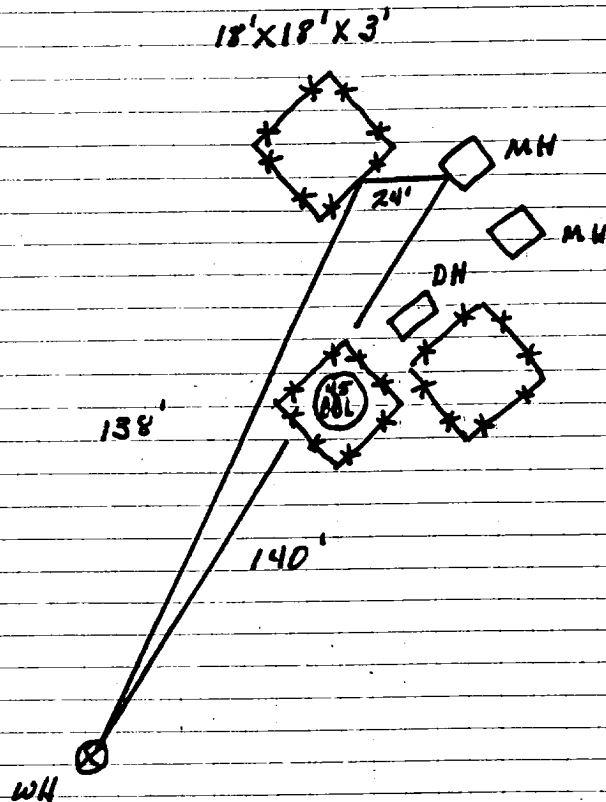
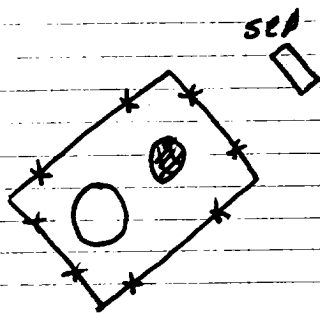
DATE July 27, 1999

SIGNATURE

*Maureen Gannon*

PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Wright State Univ #1E North pit  
 (0) 36-32N-1310  
 ENERGEN  
 4-22-99

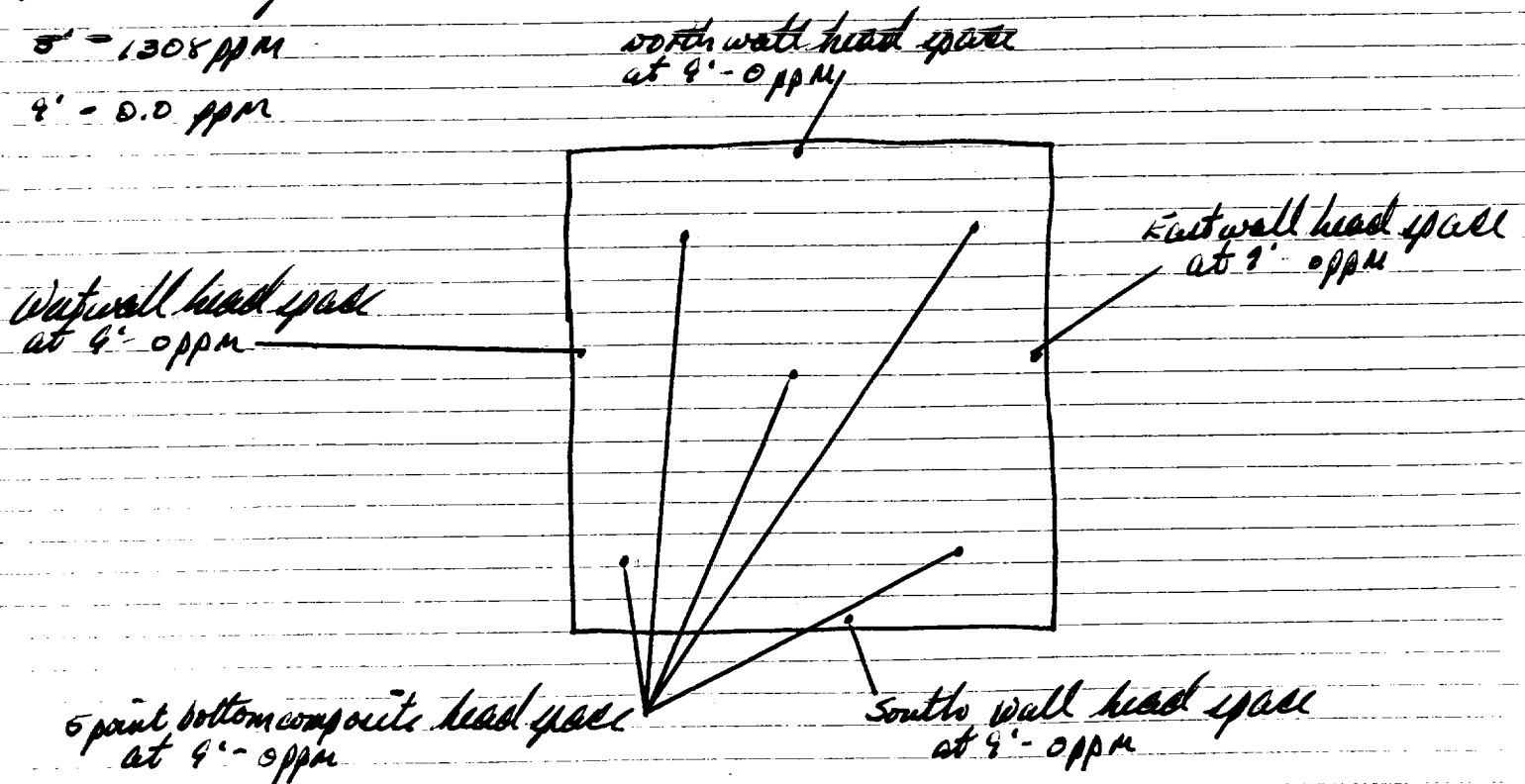


Excavation Sampling  
 PID readings

5' - 1308 ppm

4' - 0.0 ppm

10'(N4S) x 10'(E+W) x 4'(D)



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 07-May-99

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**CLIENT:** PNM - Public Service Company of NM

**Project:** PNM Pit Remediation

**Lab Order:** 9904057

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## **CASE NARRATIVE**

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

RH

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 07-May-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Wright State Com #1E N. Pit
<b>Work Order:</b>	9904057	<b>Client Sample ID:</b>	9904271115; 5pt. Bottom Comp
<b>Lab ID:</b>	9904057-03A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	4/27/99 11:15:00 AM
		<b>COC Record:</b>	5793

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/6/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>				Analyst: DM
Benzene	ND	1		µg/Kg	1	4/28/99
Toluene	ND	2		µg/Kg	1	4/28/99
Ethylbenzene	ND	1		µg/Kg	1	4/28/99
m,p-Xylene	ND	2		µg/Kg	1	4/28/99
o-Xylene	ND	1		µg/Kg	1	4/28/99

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**Qualifiers:**

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

R - RPD outside accepted recovery limits

J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

B - Analyte detected in the associated Method Blank

Surr: - Surrogate

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OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 07-May-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Wright State Com #1E N. Pit
<b>Work Order:</b>	9904057	<b>Client Sample ID:</b>	9904271120; 4 Wall Comp
<b>Lab ID:</b>	9904057-04A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	4/27/99 11:20:00 AM
		<b>COC Record:</b>	5793

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/30/99

**Qualifiers:**

PQL - Practical Quantitation Limit

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B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

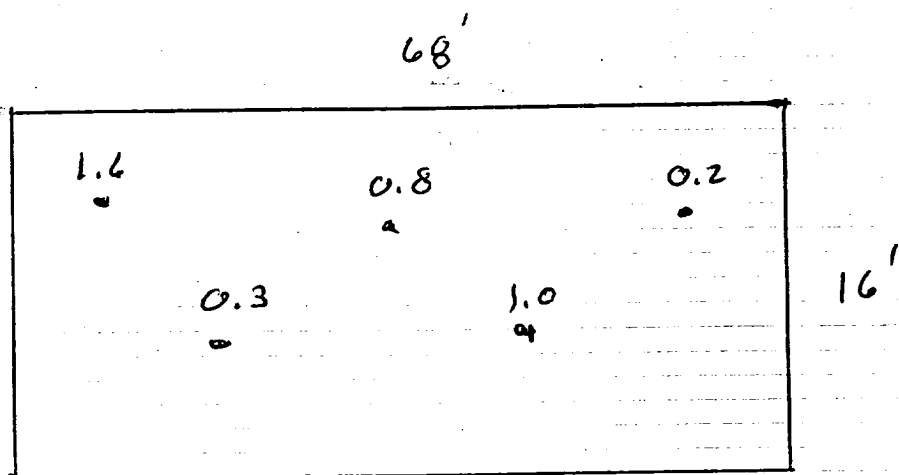
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Wright State Com 1 E North Pit  
Sec-36 T-32N R-13W 42-0

LAND FARM DRAWING

App-33 cu. yds



2" to 12" depth

Sample # 9905131100

H.S. 15.6 ppm

⊕ well head

Not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 21-May-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** PNM Pit Remediation Landfarms  
**Lab Order:** 9905053

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**CASE NARRATIVE**

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.



Roy

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 21-May-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Wright State Com #1E N. Pit LF
<b>Work Order:</b>	9905053	<b>Client Sample ID:</b>	9905131100; 5pt Comp
<b>Lab ID:</b>	9905053-03A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation Landfarms	<b>Collection Date:</b>	5/13/99 11:00:00 AM
		<b>COC Record:</b>	7617

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/20/99

**Qualifiers:**

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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