

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

OIL CONSERVATION DIVISION

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

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

OK

**PIT REMEDIATION AND CLOSURE REPORT**

<b>Operator:</b> PNM Gas Services ( Burlington )		<b>Telephone:</b> 324-3764	
<b>Address:</b> 603 W. Elm Street Farmington, NM 87401			
<b>Facility or Well Name:</b> Thompson #3			
<b>Location:</b>	Unit <u>B</u>	Sec <u>34</u>	T <u>31 N</u> R <u>12 W</u> County <u>San Juan</u>
<b>Pit Type:</b>	Separator <input type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other _____
<b>Land Type:</b>	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other _____
<b>Pit Location:</b>	Pit dimensions: length <u>20</u> ' width <u>20</u> ' depth <u>3</u> '		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other _____		
	Footage from reference: <u>40</u> ' _____		
	Direction from reference: <u>90</u> Degrees <input type="checkbox"/> East North <input type="checkbox"/>		
	<input checked="" type="checkbox"/> West of South <input type="checkbox"/>		
<b>Depth to Ground Water:</b>	Less than 50 feet 50 feet to 99 feet Greater than 100 feet		(20 points) (10 points) ( 0 points) <u>0</u>
(Vertical distance from contaminants to seasonal high water elevation of ground water)	RECEIVED JAN 31 2000 OIL CON. DIV. DIST. 3		
<b>Wellhead Protection Area:</b>	Yes No		(20 points) ( 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)			
<b>Distance to Surface Water:</b>	Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet		(20 points) (10 points) ( 0 points) <u>0</u>
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)			
<b>RANKING SCORE (TOTAL POINTS) :</b>			<u>0</u>

Thompson #3

Date Remediation Started: 06/03/1999

Date Completed: 06/03/1999

Remediation Method: Excavation ☒

Approx. Cubic Yard 497

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 400

Other 97 cu yds overburden.

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 24' X 28' X 20' 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 20'

Sample date 06/03/1999

Sample time 2:55:00 PM

Sample Results

Benzene (ppm) &lt; 0.001

Total BTEX (ppm) 0.0346

Field headspace (ppm)

TPH (ppm) &lt; 25.00

Method 8015B

Vertical Extent (ft)

Risk Analysis form attached Yes ☐ No ☒

Ground Water Sample:

Yes



No

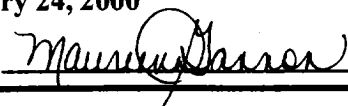


(If yes, see attached Groundwater Site Summary Report)

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

DATE January 24, 2000

SIGNATURE

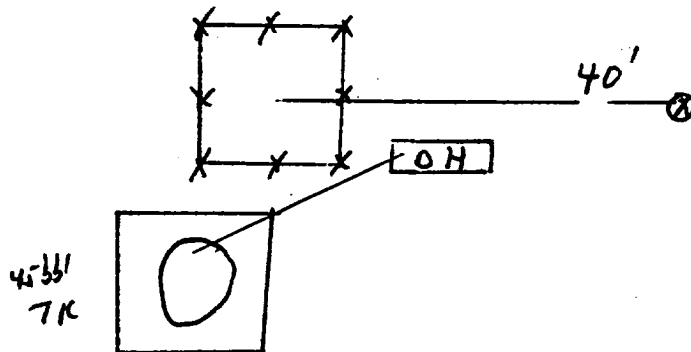
PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Thompson #3  
Burlington  
Sec. 34, 31 N, 12 W, B

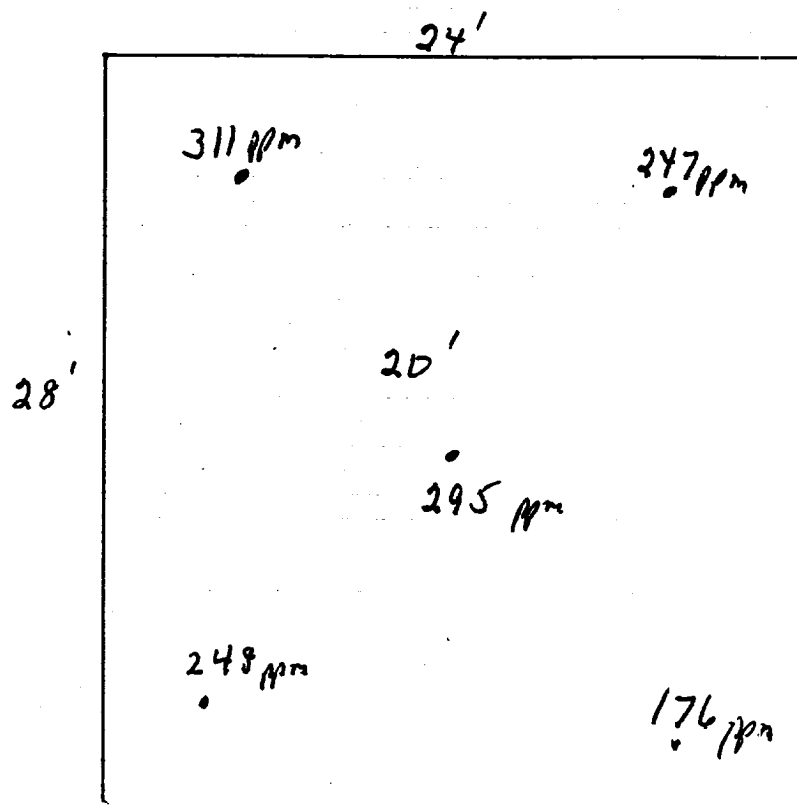
6-3-99

↑  
IV

Site diagram:



End of excavation:



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 21-Jun-99

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

**Project:** PNM Pit Remediation

**Lab Order:** 9906012

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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.

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 21-Jun-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Thompson #3
<b>Work Order:</b>	9906012	<b>Client Sample ID:</b>	9906031455; 20ft. <i>Bottom - 5 ft. Composite.</i>
<b>Lab ID:</b>	9906012-04A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	6/3/99 2:55:00 PM
		<b>COC Record:</b>	7604

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	6/17/99
<b>AROMATIC VOLATILES BY GC/PID</b>						
		<b>SW8021B</b>				Analyst: DC
Benzene	ND	1		µg/Kg	1	6/11/99
Toluene	2.5	2		µg/Kg	1	6/11/99
Ethylbenzene	1.6	1		µg/Kg	1	6/11/99
m,p-Xylene	28	2		µg/Kg	1	6/11/99
o-Xylene	2.5	1		µg/Kg	1	6/11/99

34.6  
 .0346 ppm

**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

1 of 1

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62

OFF: (505) 325-5667



LAB: (505) 325-1556

**ANALYTICAL REPORT****Date:** 21-Jun-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Thompson #3
<b>Work Order:</b>	9906012	<b>Client Sample ID:</b>	9906031500; 15ft.
<b>Lab ID:</b>	9906012-05A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	6/3/99 3:00:00 PM
		<b>COC Record:</b>	7604

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				<b>Analyst: DC</b>
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/10/99

**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

1 of 1

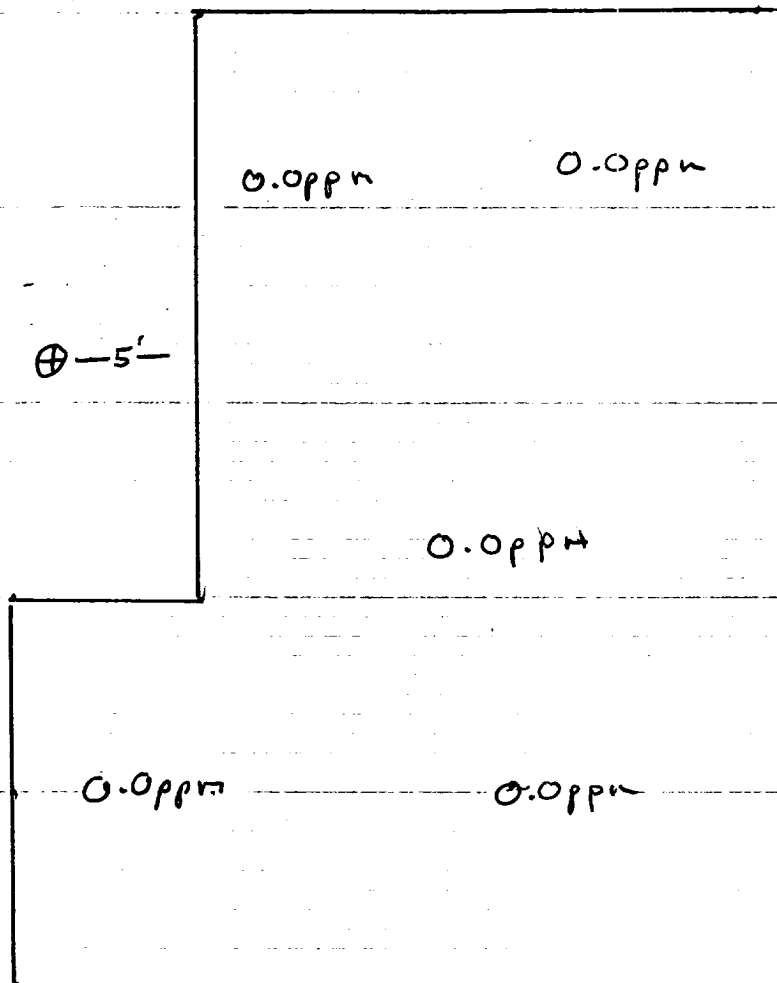
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Tompson #3  
Sec-34 T-31N R-12W UL-B  
Burlington

# Land farm Drawing

App 400 cu yds



83'

2" to 12" Depth

Headspace 3.6ppm

Sample # 9907130700

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

Date: 28-Jul-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** PNM Pit Remediation Landfarms  
**Lab Order:** 9907030

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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.



OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 28-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Thompson 3 LF
<b>Work Order:</b>	9907030	<b>Client Sample ID:</b>	9907130700; 5pt. Comp
<b>Lab ID:</b>	9907030-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation Landfarms	<b>Collection Date:</b>	7/13/99 7:00:00 AM
		<b>COC Record:</b>	7489

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	7/23/99

**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

1 of 1

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