

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

## PIT REMEDIATION AND CLOSURE REPORT

<b>Operator:</b>	PNM Gas Services ( Williams )	<b>Telephone:</b>	324-3764
<b>Address:</b>	603 W. Elm Street Farmington, NM 87401		
<b>Facility or Well Name:</b>	Thompson #7A Drip		
<b>Location:</b>	Unit <u>    F    </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 type="checkbox"/>	Other <u>    Drip    </u>
<b>Land Type:</b>	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other <u>                    </u>

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<b>Pit Location:</b>	Pit dimensions:	length <u>    20 '    </u>	width <u>    20 '    </u>	depth <u>    3 '    </u>
(Attach diagram)	Reference:	wellhead <input type="checkbox"/>	other <u>    Drip Riser    </u>	
	Footage from reference:	<u>    15'    </u>		
	Direction from reference:	<u>    80    </u> Degrees	<input checked="" type="checkbox"/> East	North <input type="checkbox"/>
			of	
			<input type="checkbox"/> West	South <input checked="" type="checkbox"/>

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<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>
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           (Vertical distance from contaminant to seasonal high water elevation of ground water)         </div> <div style="width: 45%; text-align: right;">           RECEIVED            JAN 3 1 2001            OIL COM. DIV.            BUREAU         </div> </div>			
<b>Wellhead Protection Area:</b>	Yes No	(20 points) ( 0 points)	<u>    0    </u>
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           (Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)         </div> <div style="width: 45%; text-align: right;">           OIL COM. DIV.            BUREAU         </div> </div>			
<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>
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)         </div> <div style="width: 45%; text-align: right;">           OIL COM. DIV.            BUREAU         </div> </div>			

**RANKING SCORE (TOTAL POINTS) :**  
    0

Thompson #7A Drip

Date Remediation Started: 06/07/1999 Date Completed: 06/07/1999

Remediation Method: Excavation X Approx. Cubic Yard 296

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 296

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 a pit size of 20' X 20' 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 06/07/1999 Sample time 8:00:00 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 January 24, 2000

SIGNATURE Maureen Gannon

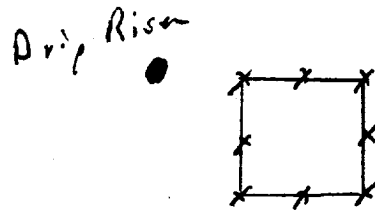
PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Thompson #7A Orip  
WFS

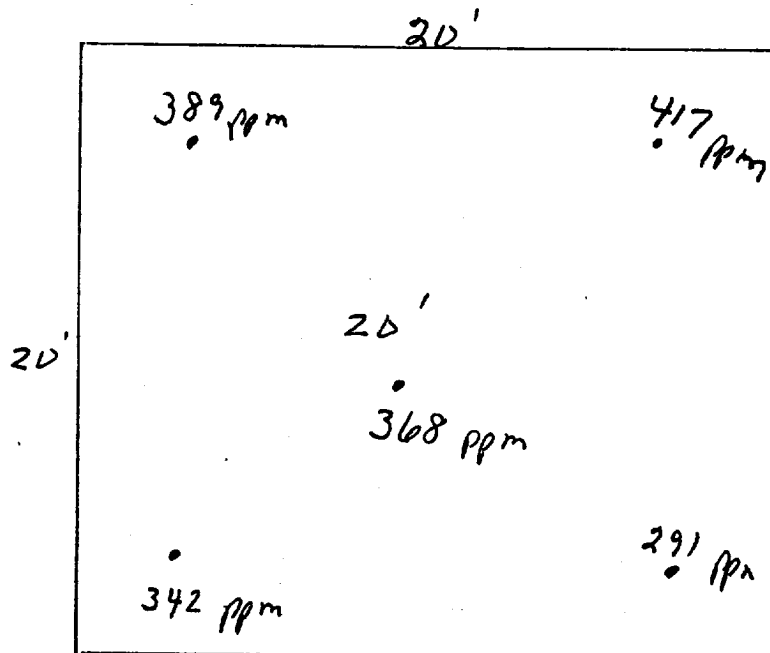
6-7-99

Sec. 34, 31N, 12W, F

Site diagram:



End of excavation:



OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 17-Jun-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** PNM Pit Remediation  
**Lab Order:** 9906017

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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



GC

LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 17-Jun-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Thompson #7A Drip
<b>Work Order:</b>	9906017	<b>Client Sample ID:</b>	9906070800, Bottom 20'
<b>Lab ID:</b>	9906017-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	6/7/99 8:00:00 AM
		<b>COC Record:</b>	7605

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	6/15/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>				Analyst: DC
Benzene	ND	1		µg/Kg	1	6/10/99
Toluene	ND	2		µg/Kg	1	6/10/99
Ethylbenzene	ND	1		µg/Kg	1	6/10/99
m,p-Xylene	ND	2		µg/Kg	1	6/10/99
o-Xylene	ND	1		µg/Kg	1	6/10/99

**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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## ANALYTICAL REPORT

Date: 17-Jun-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Thompson #7A Drip
<b>Work Order:</b>	9906017	<b>Client Sample ID:</b>	9906070805, <i>Waikē 15'</i>
<b>Lab ID:</b>	9906017-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	6/7/99 8:05:00 AM
		<b>COC Record:</b>	7605

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>						
		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	470	25		mg/Kg	1	6/15/99
<b>AROMATIC VOLATILES BY GC/PID</b>						
		<b>SW8021B</b>				Analyst: DC
Benzene	ND	50		µg/Kg	50	6/11/99
Toluene	120	100		µg/Kg	50	6/11/99
Ethylbenzene	260	50		µg/Kg	50	6/11/99
m,p-Xylene	6200	100		µg/Kg	50	6/11/99
o-Xylene	740	50		µg/Kg	50	6/11/99

*7320*  
*7.320 ppm*

**Qualifiers:**

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E - Value above quantitation range

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Surr: - Surrogate

1 of 1

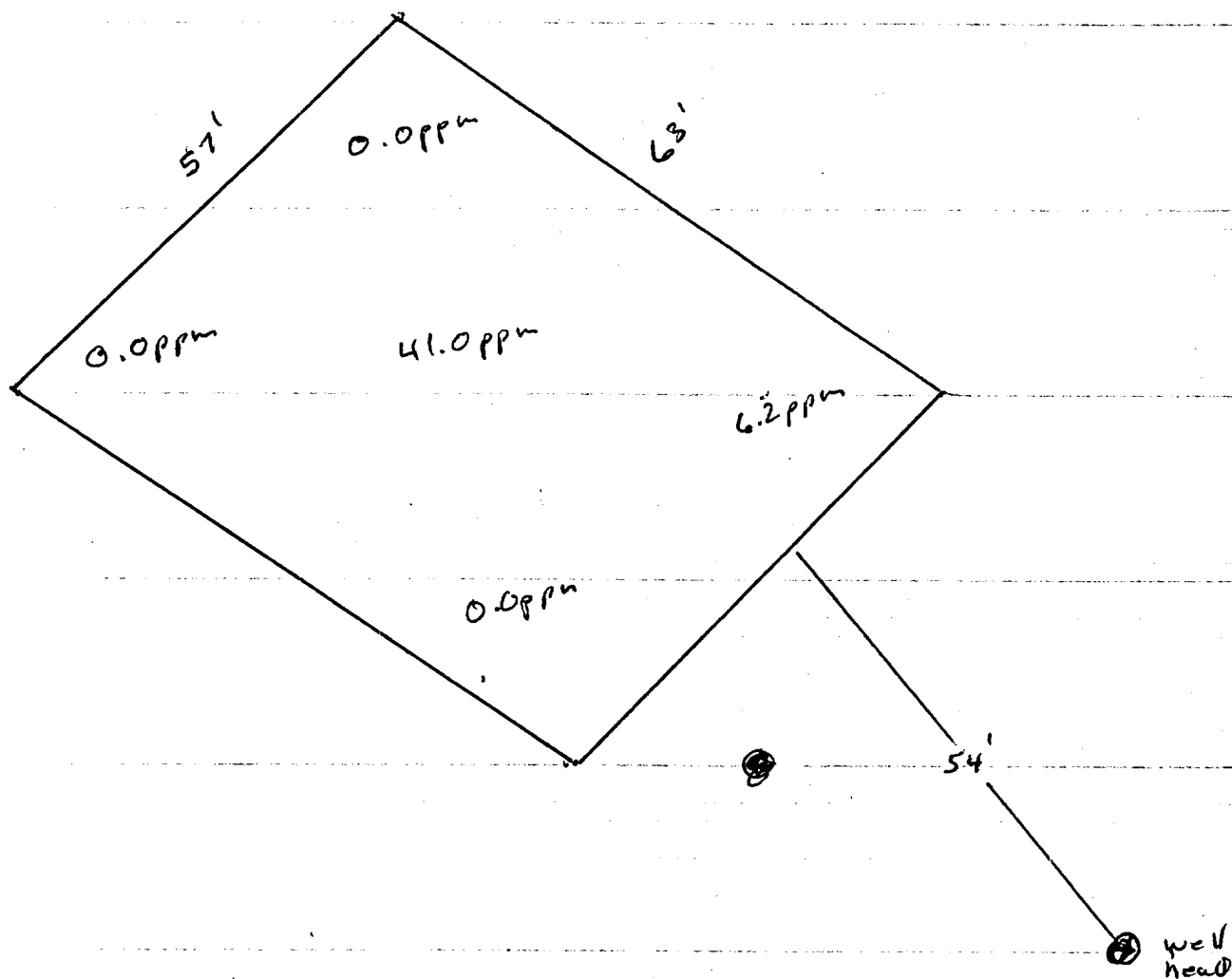
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Thompson 7A DRIP  
Sec-34 T-31N R-12W UL F  
WFS

Land farm Drawing

ON Thompson 7A Location  
Sec-34 T-31N R-12W UL F



2" to 12" Depth  
Headspace 21.9ppm  
Sample # 9907130714

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 7A Drip LF
<b>Work Order:</b>	9907030	<b>Client Sample ID:</b>	9907130714; 5pt. Comp
<b>Lab ID:</b>	9907030-03A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation Landfarms	<b>Collection Date:</b>	7/13/99 7:14:00 AM
		<b>COC Record:</b>	7489

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	7/26/99

**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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