

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>PNM Gas Services (Burlington)</u> Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington NM 87401</u>	
Facility or Well Name: <u>Thompson #12</u>	
Location:	Unit <u>M</u> Sec <u>33</u> T <u>31 N</u> R <u>12 W</u> County <u>San Juan</u>
Pit Type:	Separator <input type="checkbox"/> Dehydrator <input checked="" type="checkbox"/> Other <u> </u>
Land Type:	BLM <input type="checkbox"/> State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> Other <u> </u>
Pit Location:	Pit dimensions: length <u>18</u> ' width <u>18</u> ' depth <u>3</u> ' (Attach diagram) Reference: wellhead <input checked="" type="checkbox"/> other <u> </u> Footage from reference: <u>114</u> ' Direction from reference: <u>55</u> Degrees <input type="checkbox"/> East <input checked="" type="checkbox"/> West of North <input checked="" type="checkbox"/> South <input type="checkbox"/>
Depth to Ground Water: (Vertical distance from contaminants 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>	

Thompson #12

Date Remediation Started: 06/10/1999

Date Completed: 06/10/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 89

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 89

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 15' X 20' X 8' 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

8'

Sample date

06/10/1999

Sample time

10:15:00 AM

Sample Results

Benzene (ppm)

0.076

Total BTEX (ppm)

4.806

Field headspace (ppm)

TPH (ppm)

74.00

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

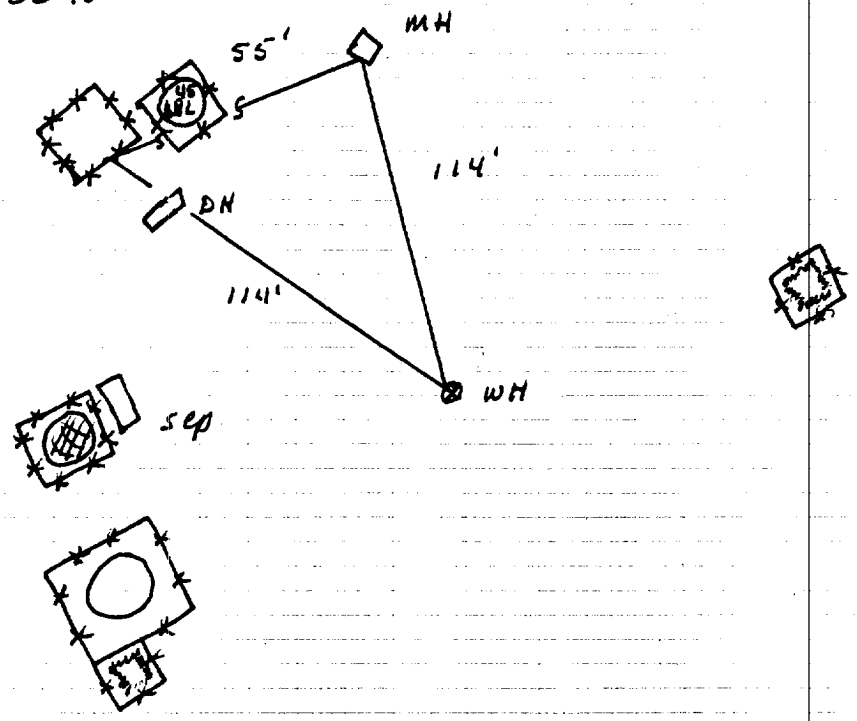
SIGNATURE

PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Thompson #12
 (M) 33-31N-12W
 Burlington
 6-10-99 @ 0648

55° W of N

18'x18'x3'

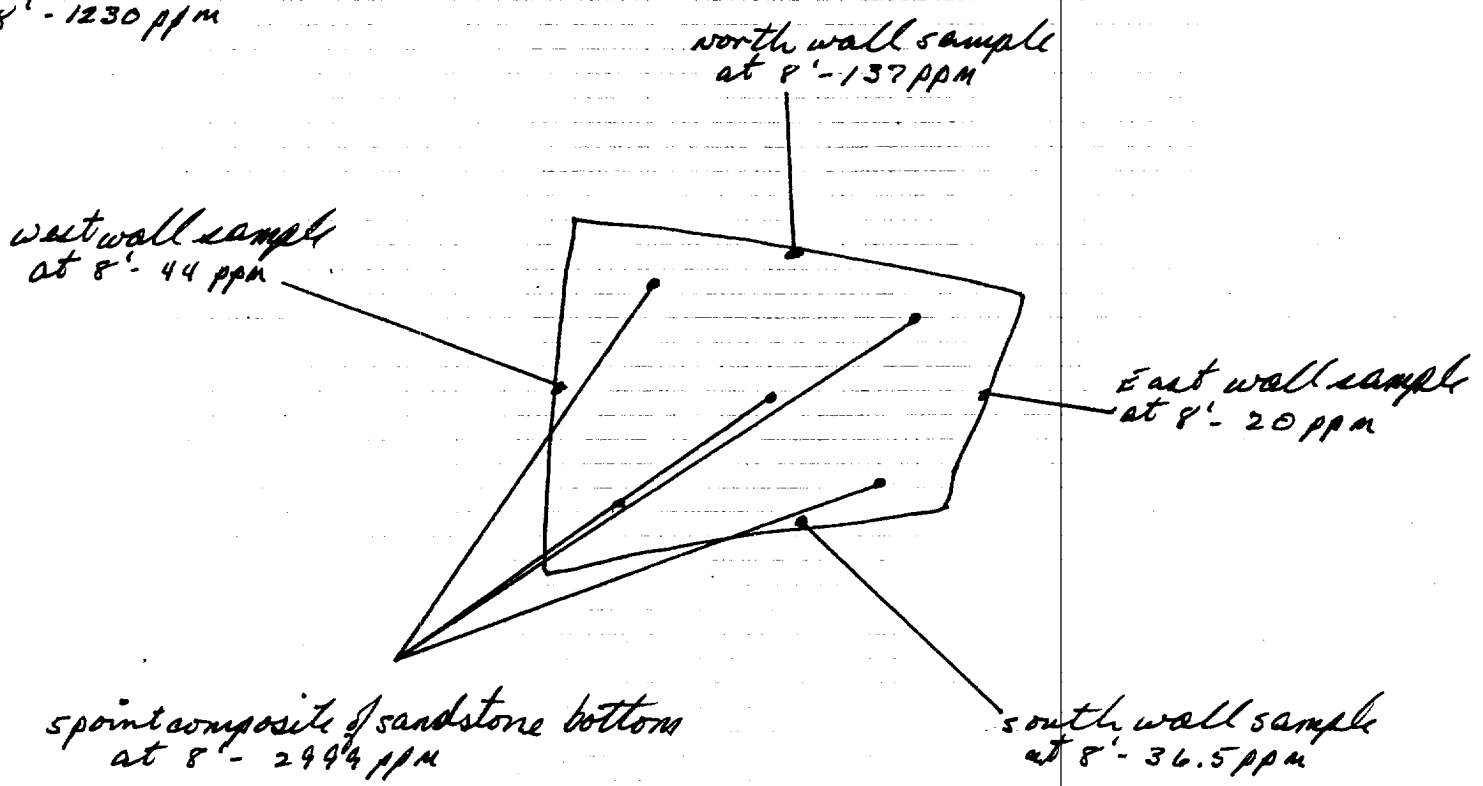


Excavation Sampling

15'(N+S) x 20'(E+W) x 8'(D)

PID Readings

5' - 1369 ppm
 8' - 1230 ppm



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jun-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation

Lab Order: 9906045

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



RH

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Thompson #12
Work Order:	9906045	Client Sample ID:	906101015; 5pt. Bottom Comp
Lab ID:	9906045-01A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/10/99 10:15:00 AM
		COC Record:	7637

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
T/R Hydrocarbons: C10-C28	74	25		mg/Kg	1	6/19/99
AROMATIC VOLATILES BY GC/PID						
Benzene	76	50		µg/Kg	50	6/18/99
Toluene	560	100		µg/Kg	50	6/18/99
Ethylbenzene	350	50		µg/Kg	50	6/18/99
m,p-Xylene	3400	100		µg/Kg	50	6/18/99
o-Xylene	420	50		µg/Kg	50	6/18/99

4806
4.806 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

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT**Date:** 28-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Thompson #12
Work Order:	9906045	Client Sample ID:	9906101020; 4pt. Wall Comp
Lab ID:	9906045-02A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/10/99 10:20:00 AM
		COC Record:	7637

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	Analyst: DC 6/23/99
AROMATIC VOLATILES BY GC/PID		SW8021B				
Benzene	ND	1		µg/Kg	1	Analyst: DC 6/23/99
Toluene	ND	2		µg/Kg	1	6/23/99
Ethylbenzene	ND	1		µg/Kg	1	6/23/99
m,p-Xylene	ND	2		µg/Kg	1	6/23/99
o-Xylene	ND	1		µg/Kg	1	6/23/99

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

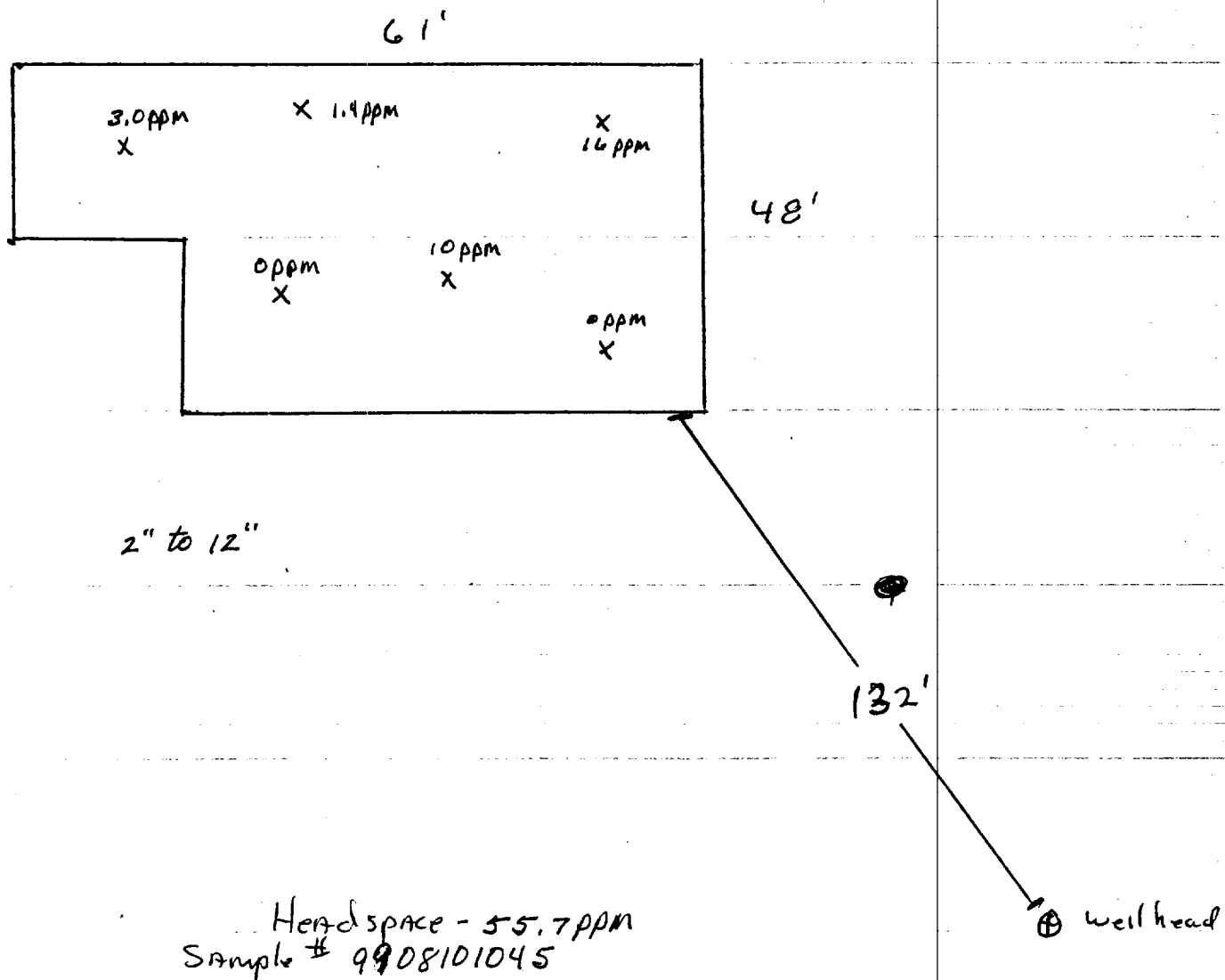
Surr: - Surrogate

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Thompson #12
Sec-33 T-31N R-12 W 46-M
Burlington

Land farm Drawing



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 16-Aug-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation Landfarms
Lab Order: 9908025

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: 16-Aug-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Thompson #12 LF
Work Order:	9908025	Client Sample ID:	9908101045; 6pt. Composite
Lab ID:	9908025-01A	Matrix:	SOIL
		Collection Date:	08/10/1999 10:45:00 AM
Project:	PNM Pit Remediation Landfarms	COC Record:	7681

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	85	25		mg/Kg	1	08/11/1999

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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