

District I
P.O. Box 980, 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: PNM Gas Services (Burlington)		Telephone: 324-3764	
Address: 603 W. Elm Street Farmington, NM 87401			
Facility or Well Name: Thompson #5			
Location:	Unit <u>A</u>	Sec <u>33</u>	T <u>31 N</u> R <u>12 W</u> County <u>San Juan</u>
Fit Type:	Separator <input type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other _____
Land Type:	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other _____
Pit Location:	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>45</u> ' _____		
	Direction from reference: <u>10</u> Degrees <input type="checkbox"/> East North <input type="checkbox"/>		
	<input checked="" type="checkbox"/> West of South <input checked="" type="checkbox"/>		
Depth to Ground Water:	Less than 50 feet 50 feet to 99 feet Greater than 100 feet		(20 points) (10 points) (0 points) <u>0</u>
<small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>			
Wellhead Protection Area:	Yes No		(20 points) (0 points) <u>0</u>
<small>(Less than 200 feet from a private domestic water source, or; less than 1,000 feet from all other water sources)</small>			
Distance to Surface Water:	Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet		(20 points) (10 points) (0 points) <u>0</u>
<small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>			
RANKING SCORE (TOTAL POINTS) :			<u>0</u>

Thompson #5

Date Remediation Started: 06/07/1999

Date Completed: 06/07/1999

Remediation Method:

Excavation

☒

Approx. Cubic Yard

21

Check all
appropriate
sections)

Landfarmed

☒

Amount Landfarmed (cubic yds)

21

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 12' X 12' X 4' 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

4'

Sample date

06/07/1999

Sample time

9:05:00 AM

Sample Results

Benzene (ppm)

5.8

Total BTEX (ppm)

44

Field headspace (ppm)

TPH (ppm)

120.00

Method

8015B

Vertical Extent (ft)

Risk Analysis form attached Yes

☐

No

☒

Ground Water Sample:

Yes

☐

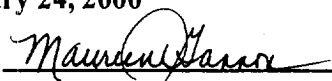
No

☒(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

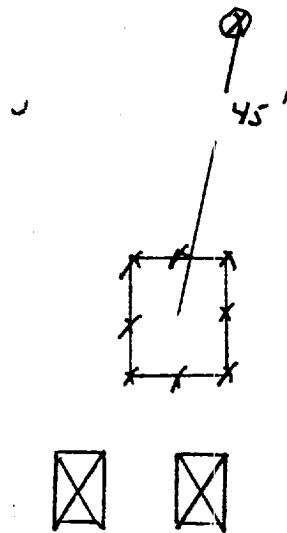
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Thompson #5
Owlington
Sec. 33, 31N, 12W, A

6-7-99

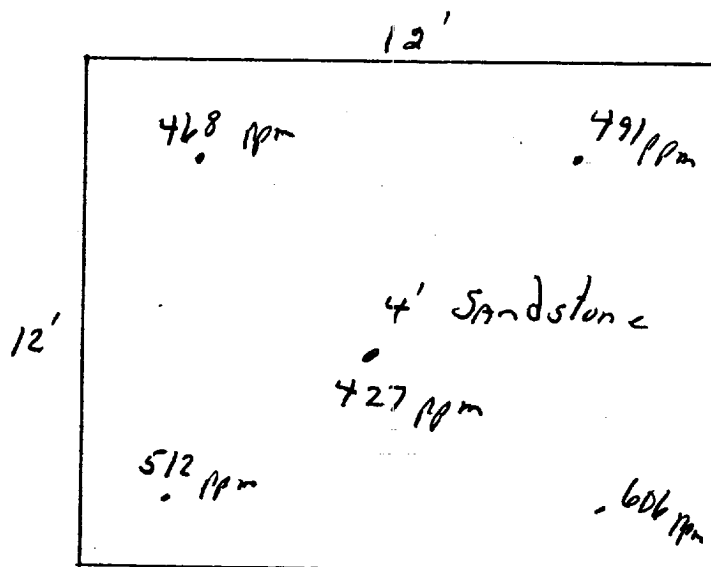
↑
N

Site diagram:



DH has been removed
from service & moved to
edge of location.

End of excavation:



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 17-Jun-99

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

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



LC

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Thompson #5
Work Order:	9906017	Client Sample ID:	9906070905 Bottom @ 4'
Lab ID:	9906017-03A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/7/99 9:05:00 AM
		COC Record:	7605

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	120	25		mg/Kg	1	6/15/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DC
Benzene	5800	250		µg/Kg	250	6/10/99
Toluene	18000	500		µg/Kg	250	6/10/99
Ethylbenzene	1500	250		µg/Kg	250	6/10/99
m,p-Xylene	16000	500		µg/Kg	250	6/10/99
o-Xylene	2700	250		µg/Kg	250	6/10/99

44000
44.0 ppm

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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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Jun-99

Client: PNM - Public Service Company of NM
Work Order: 9906017
Lab ID: 9906017-04A **Matrix:** SOIL
Project: PNM Pit Remediation

Client Sample Info: Thompson #5
Client Sample ID: 9906070910, Walls @ 2'
Collection Date: 6/7/99 9:10:00 AM
COC Record: 7605

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/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

1 of 1

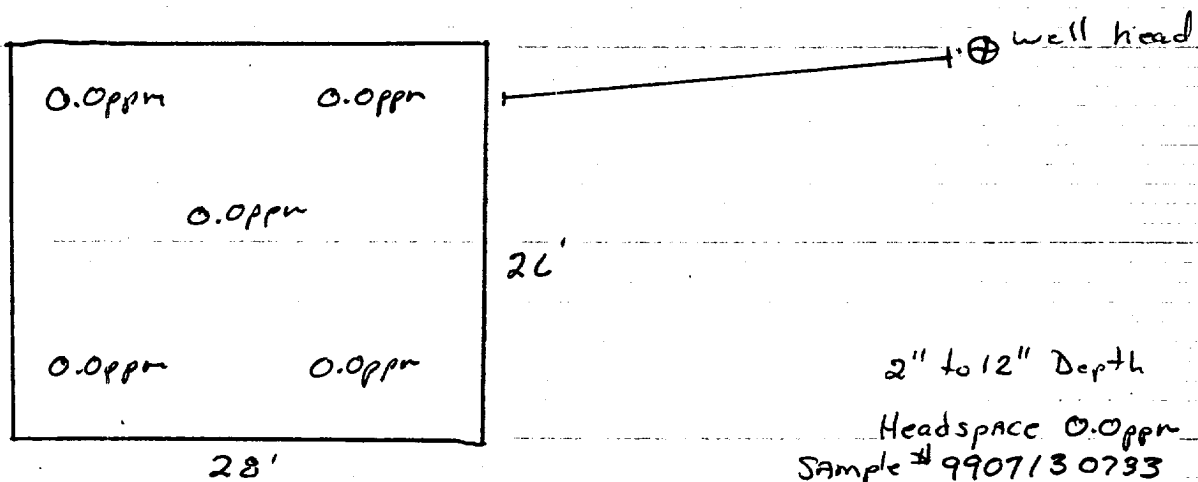
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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Thompson #5
Sec-33 T-31N R-12W UL-A
Burlington

Landfarm Drawing

App 21 cu yds



Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jul-99

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

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

Client:	PNM - Public Service Company of NM	Client Sample Info:	Thompson 5 LF
Work Order:	9907030	Client Sample ID:	9907130733; 5pt. Comp
Lab ID:	9907030-04A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	7/13/99 7:33:00 AM
		COC Record:	7489

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
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

1 of 1

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