

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

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

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 #11			
Location:	Unit	H	Sec	34	T 31 N R 12 W County San Juan
Pit Type:	Separator	☐	Dehydrator	☒	Other _____
Land Type:	BLM	☒	State	☐	Fee ☐ Other _____
Pit Location:	Pit dimensions:		length	20'	width 20' depth 3'
(Attach diagram)	Reference:	wellhead	☒	other	_____
	Footage from reference:		93'		
	Direction from reference:		45 Degrees	☒ East	North ☒
				☐ West	South ☐
Depth to Ground Water:		Less than 50 feet 50 feet to 99 feet Greater than 100 feet		(20 points) (10 points) (0 points)	0
(Vertical distance from contaminants to seasonal high water elevation of ground water)					
Wellhead Protection Area:		Yes No		(20 points) (0 points)	0
(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 200 feet to 1,000 feet Greater than 1,000 feet		(20 points) (10 points) (0 points)	0
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)					
RANKING SCORE (TOTAL POINTS) :					0

Thompson #11

Date Remediation Started: 06/03/1999

Date Completed: 06/03/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 53

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 43

Other 10 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 17' X 17' X 5' 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 5'

Sample date 06/03/1999

Sample time 12:40:00 PM

Sample Results

Benzene (ppm) < 0.001

Total BTEX (ppm) 0.006

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 #11

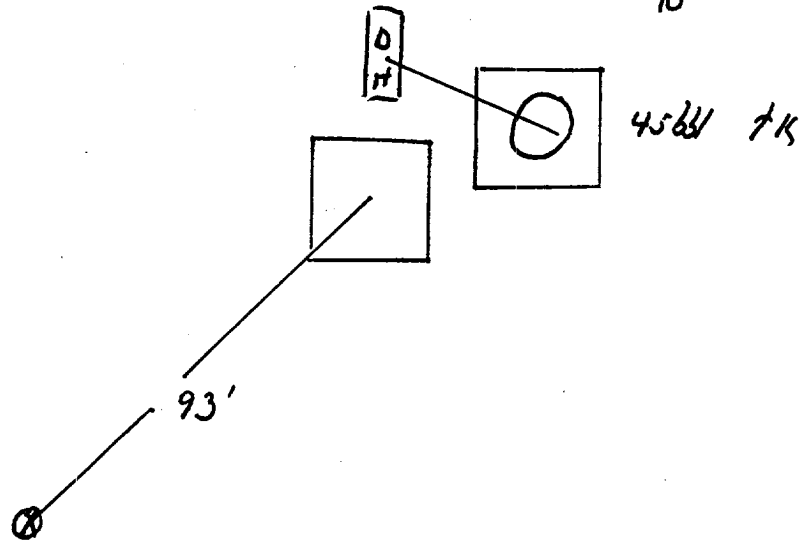
Burlington

Sec. 34, 31 N, 12 W, 11

6/3/99

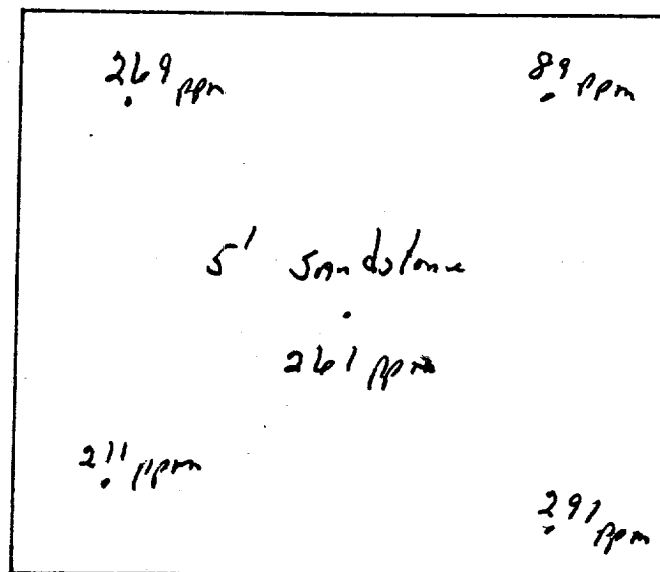
↑
N

Site diagram:



End of excavation:

Clear walls



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 21-Jun-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation

Lab Order: 9906012

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

Client:	PNM - Public Service Company of NM	Client Sample Info:	Thompson #11
Work Order:	9906012	Client Sample ID:	9906031240; 5ft.
Lab ID:	9906012-02A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/3/99 12:40:00 PM
		COC Record:	7604

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/17/99
AROMATIC VOLATILES BY GC/PID						
		SW8021B				Analyst: DC
Benzene	ND	1		µg/Kg	1	6/11/99
Toluene	ND	2		µg/Kg	1	6/11/99
Ethylbenzene	ND	1		µg/Kg	1	6/11/99
m,p-Xylene	4.2	2		µg/Kg	1	6/11/99
o-Xylene	1.8	1		µg/Kg	1	6/11/99

6
0.006 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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 21-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Thompson #11
Work Order:	9906012	Client Sample ID:	9906031250; 2ft.
Lab ID:	9906012-03A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/3/99 12:50:00 PM
		COC Record:	7604

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

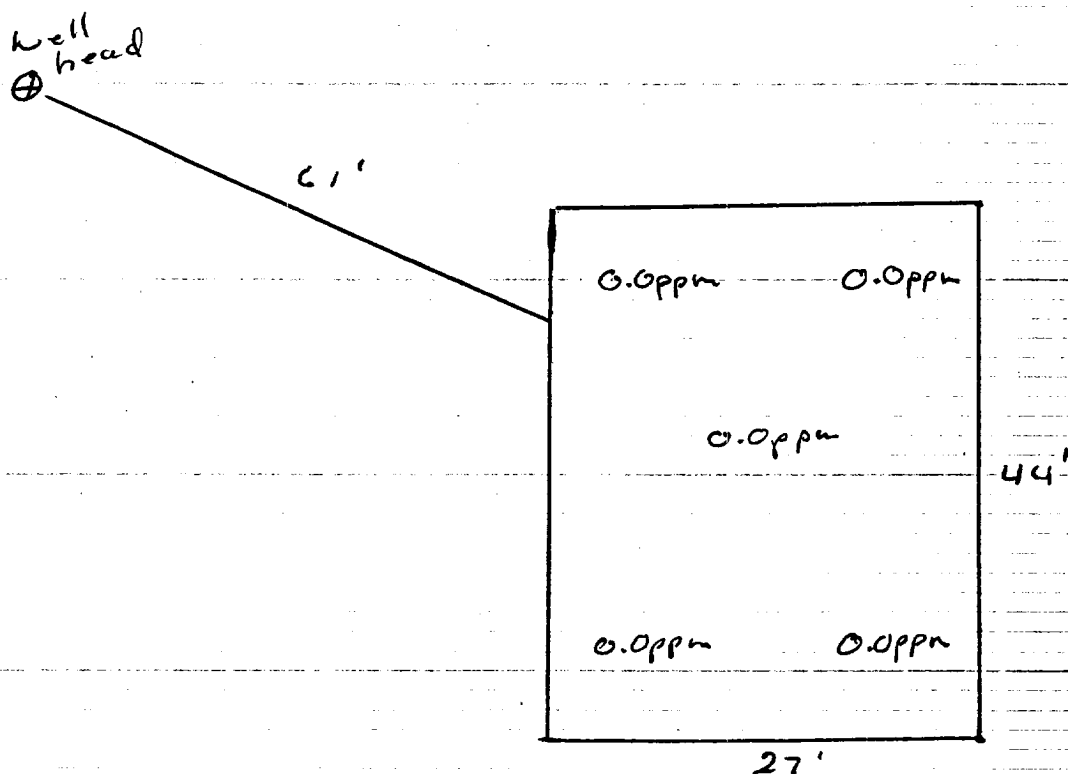
P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

THOMPSON #11
Sec-34 T-31N R-12W UL-H
Burlington

Land farm Drawing

App 43 cu yds



2" to 12" Depth

Headspace 0.0ppm
Sample # 9907130643

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 11 LF
Work Order:	9907030	Client Sample ID:	9907130643; 5pt. Comp
Lab ID:	9907030-01A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	7/13/99 6:43:00 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	7/23/99

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

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -