

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>Sanchez #3A</u>			
Location:	Unit <u>M</u>	Sec <u>34</u>	T <u>30N</u> R <u>10W</u> County <u>San Juan</u>
Pit Type:	Separator <input checked="" type="checkbox"/>	Dehydrator <input 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>21</u> ' width <u>21</u> ' depth <u>4</u> ' (Attach diagram) Reference: wellhead <input checked="" type="checkbox"/> other _____ Footage from reference: <u>60</u> ' Direction from reference: <u>45</u> Degrees <input type="checkbox"/> East North <input type="checkbox"/> <input checked="" type="checkbox"/> West South <input checked="" type="checkbox"/>			
Depth to Ground Water: <small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>		Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points) <u>0</u>
Wellhead Protection Area: <small>(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)</small>		Yes No	(20 points) (0 points) <u>0</u>
Distance to Surface Water: <small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>		Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet	(20 points) (10 points) (0 points) <u>0</u>
RANKING SCORE (TOTAL POINTS) :			<u>0</u>

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JAN 31 2001
OIL CON. DIV.
DIST. 3

Sanchez #3A

Date Remediation Started: 06/14/1999 Date Completed: 06/14/1999

Remediation Method: Excavation ☒ Approx. Cubic Yard 267

(Check all appropriate sections)

Landfarmed ☒ Amount Landfarmed (cubic yds) 237

Other 30 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 20' X 19' X 19' 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 19'

Sample date 06/14/1999 Sample time 10:00:00 AM

Sample Results

Benzene (ppm) < 0.002

Total BTEX (ppm) 0.548

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

Sanchez # 3A

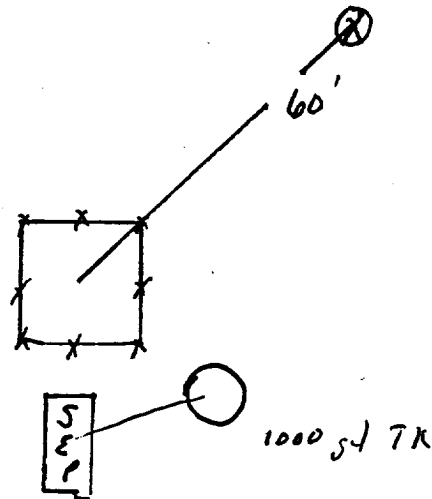
Burlington

Sec. 34.30 N, 10 W, m

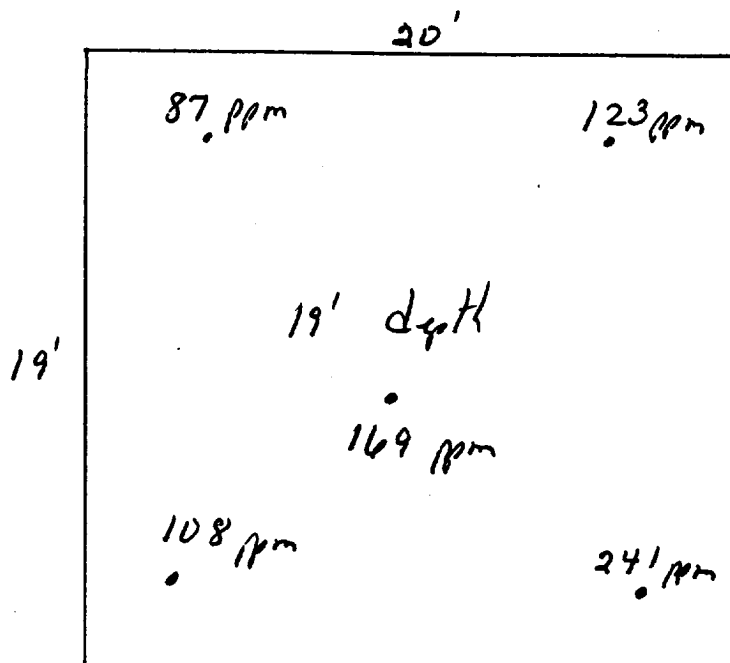
6/14/99

↑
N

Site diagram:



End of Excavation:



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: 9906051

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



6c

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Sanchez #3A
Work Order:	9906051	Client Sample ID:	9906141000; 19ft. Bottom
Lab ID:	9906051-03A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/14/99 10:00:00 AM
		COC Record:	7610

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/21/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DC
Benzene	ND	2		µg/Kg	2	6/18/99
Toluene	ND	4		µg/Kg	2	6/18/99
Ethylbenzene	18	2		µg/Kg	2	6/18/99
m,p-Xylene	380	4		µg/Kg	2	6/18/99
o-Xylene	150	2		µg/Kg	2	6/18/99

548
548 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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Sanchez #3A
Work Order:	9906051	Client Sample ID:	9906141005; 15ft. WALS
Lab ID:	9906051-04A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/14/99 10:05:00 AM
		COC Record:	7610

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/22/99

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

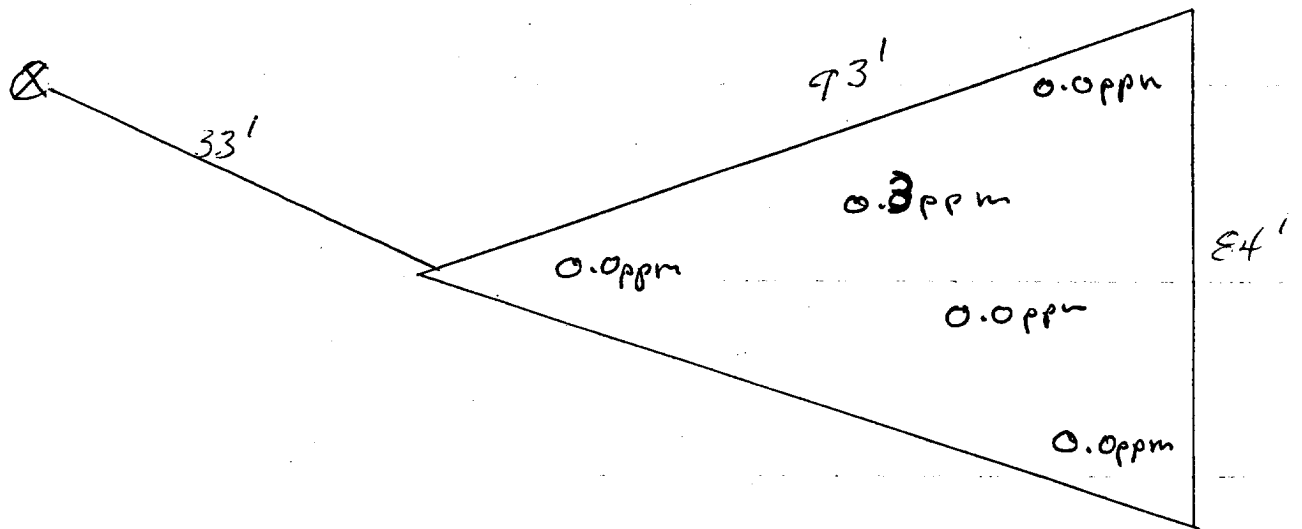
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1 of 1

Sec. 34 T30N R10W Unit 111
Burlington

Land Farm Drawing

App 237 cu yds



Not to scale

2" to 12" Depth
Headspace 3.1 ppm
Sample # 9907140625

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 30-Jul-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation Landfarms

Lab Order: 9907036

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: 30-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Sanchez 3A LF
Work Order:	9907036	Client Sample ID:	9907140625; 5pt Comp
Lab ID:	9907036-01A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	7/14/99 6:25:00 AM
		COC Record:	7491

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/28/99

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 -