

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

OK

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Floyd Oil) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: New Mexico Federal N #3E

Location: Unit D Sec 18 T 30 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other

Land Type: BLM ☒ State ☐ Fee ☐ Other

Pit Location: Pit dimensions: length 18' width 18' depth 3'

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 72'

Direction from reference: 65 Degrees ☒ East North ☒
of
☐ West South ☐

Depth to Ground Water: Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points) 0

(Vertical distance from contaminants to
seasonal high water elevation of ground
water)

Wellhead Protection Area: Yes (20 points)
No (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 (20 points)
200 feet to 1,000 feet (10 points)
Greater than 1,000 feet (0 points) 0

(Horizontal distance to perennial lakes,
ponds, rivers, streams, creeks, irrigation
canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

RECEIVED
JAN 31 2000
OIL CON. DIV.
DIST. 3



New Mexico Federal N #3E

Date Remediation Started: 06/14/1999

Date Completed: 06/14/1999

Remediation Method: Excavation ☒ Approx. Cubic Yard 827

(Check all appropriate sections)

Landfarmed ☒ Amount Landfarmed (cubic yds) 827

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 29' X 38.5' 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 06/14/1999 Sample time 12:45:00 PM

Sample Results

Benzene (ppm) 0.074

Total BTEX (ppm) 5.494

Field headspace (ppm) _____

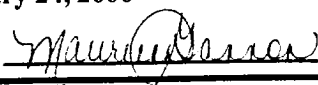
TPH (ppm) 150.00 Method 8015B

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

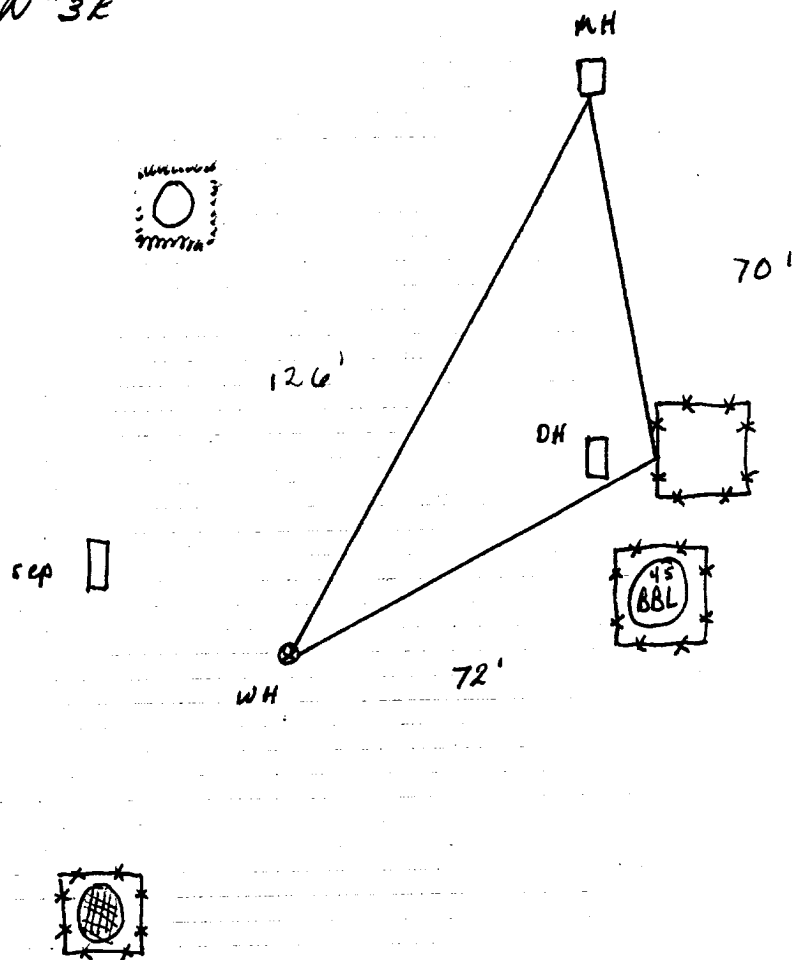
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

New Mexico Federal N#3E

(D) 18-30N-12W

Floyd Oil Company

6-14-99 @ 0630



Excavation Sampling

29'(N+S) X 38.5'(E+W) X 20'(D)

PID Readings

5' - 1507 ppm

10' - 1543 ppm

15' - 1802 ppm

19' - 1073 ppm

20' - 908 ppm

North wall sample
at 18' - 816 ppm

East wall sample
at 18' - 186 ppm

West wall sample
at 18' - 908 ppm

5 point bottom composite sample
at 20' - 2433 ppm

South wall sample
at 18' - 108 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: New Mexico Federal N#3E
Lab Order: 9906052

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:	NM Federal N#3E
Work Order:	9906052	Client Sample ID:	9906141245; 5pt. Bottom Comp
Lab ID:	9906052-01A	Matrix:	SOIL
Project:	New Mexico Federal N#3E	Collection Date:	6/14/99 12:45:00 PM
		COC Record:	7638

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	150	25		mg/Kg	1	6/22/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DC
Benzene	74	50		µg/Kg	50	6/23/99
Toluene	270	100		µg/Kg	50	6/23/99
Ethylbenzene	500	50		µg/Kg	50	6/23/99
m,p-Xylene	4200	100		µg/Kg	50	6/23/99
o-Xylene	450	50		µg/Kg	50	6/23/99

5494
5.494 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

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	NM Federal N#3E
Work Order:	9906052	Client Sample ID:	9906141250; 4pt. Wall Comp
Lab ID:	9906052-02A	Matrix:	SOIL
Project:	New Mexico Federal N#3E	Collection Date:	6/14/99 12:50:00 PM
		COC Record:	7638

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	26	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

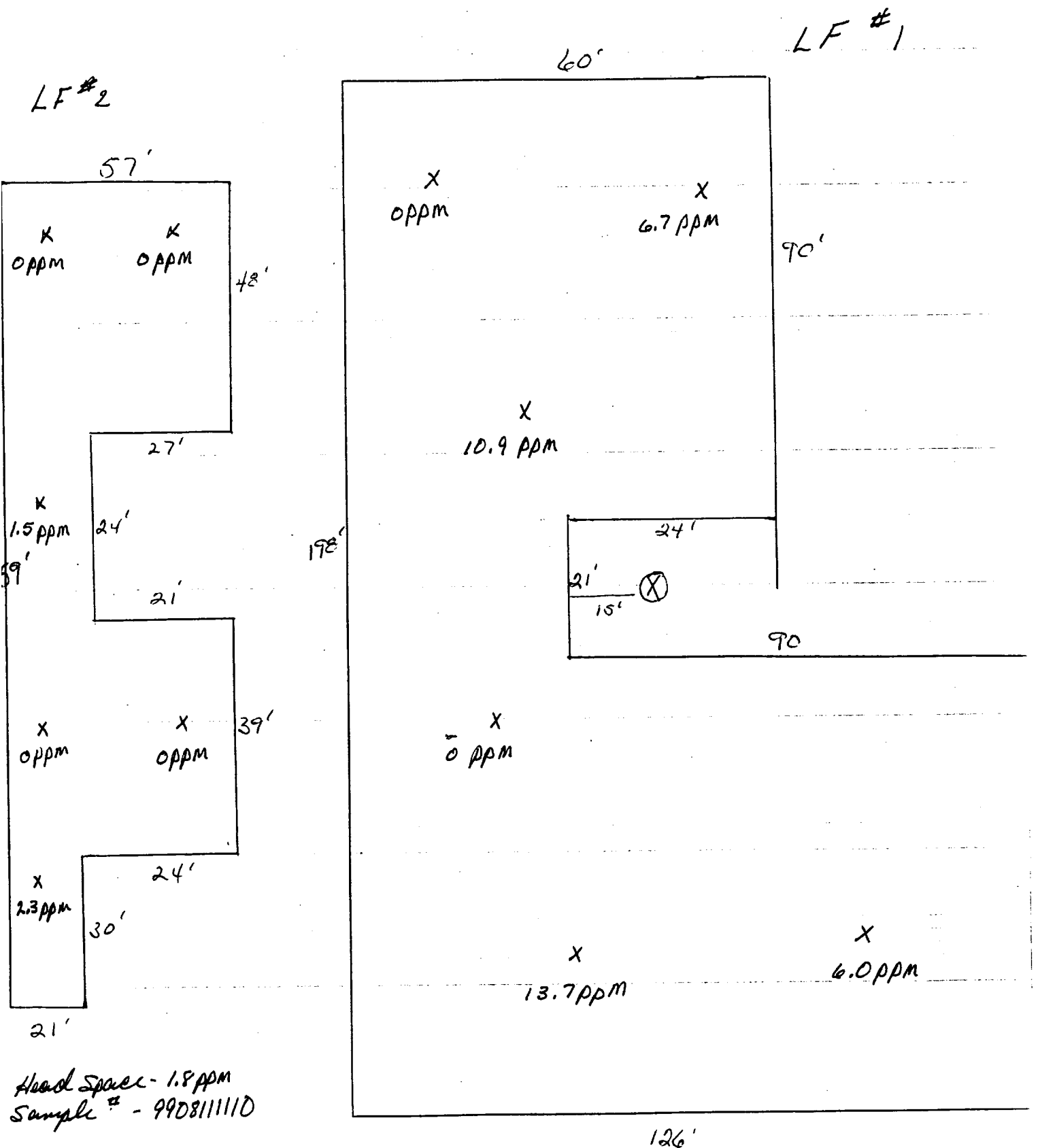
Surr: - Surrogate

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1

Landfarm Drawing



Not to scale

HEAD SPACE - 11.1 ppm
Sample # - 9908111105

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 16-Aug-99

CLIENT: PNM - Public Service Company of NM

Project: PMM Pit Remediation Landfarms

Lab Order: 9908030

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:	NM Federal N3E LF#1
Work Order:	9908030	Client Sample ID:	9908111057; 6pt. Composite
Lab ID:	9908030-03A	Matrix:	SOIL
Project:	PMM Pit Remediation Landfarms	Collection Date:	08/11/1999 10:57:00 AM
		COC Record:	7652

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	08/12/1999

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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OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 16-Aug-99

CLIENT: PNM - Public Service Company of NM

Project: PMM Pit Remediation Landfarms

Lab Order: 9908030

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:	NM Federal N3E LF#2
Work Order:	9908030	Client Sample ID:	9908111110; 6pt. Composite
Lab ID:	9908030-04A	Matrix:	SOIL
Project:	PMM Pit Remediation Landfarms	Collection Date:	08/11/1999 11:10:00 AM
		COC Record:	7652

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	08/12/1999

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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