

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

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

PIT REMEDIATION AND CLOSURE REPORT

NOV - 1 1999

RECEIVED
OIL CON. DIV.
DIST. 3

Operator: PNM Gas Services (Amoco) **Telephone:** 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Florance #25

Location: Unit A Sec 22 T 29 N R 9 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other

Land Type: BLM ☒ State ☐ Fee ☐ Other

Pit Location: Pit dimensions: length 22 ' width 22 ' depth 4 '

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 135'

Direction from reference: 60 Degrees ☐ East ☒ West of North ☒ South

Depth to Ground Water:

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>0</u>

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

Wellhead Protection Area:

Yes	(20 points)	
No	(0 points)	<u>0</u>

(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)	<u>0</u>

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

RANKING SCORE (TOTAL POINTS) : 0

Florance #25

Date Remediation Started: 07/01/1999 Date Completed: 07/01/1999

Remediation Method: Excavation x Approx. Cubic Yard 32

(Check all appropriate sections)

Landfarmed x Amount Landfarmed (cubic yds) 32

Other _____

Remediation Location: Onsite X 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 18' 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 07/01/1999 Sample time 10:55:00 AM

Sample Results

Benzene (ppm) 5.1

Total BTEX (ppm) 40.94

Field headspace (ppm) _____

TPH (ppm) 91.00 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 **October 28, 1999**

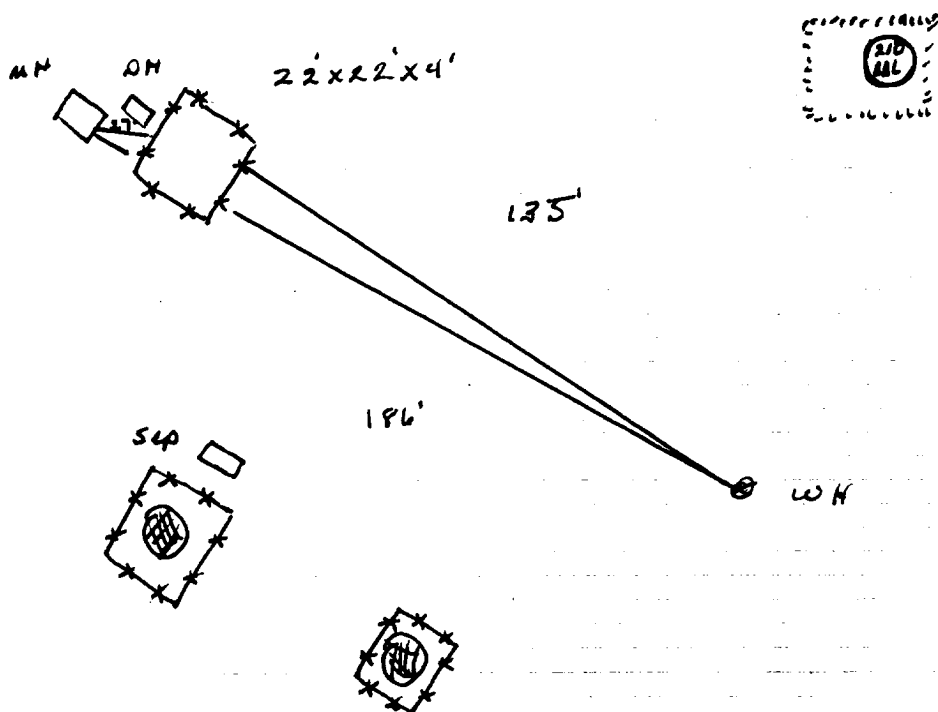
SIGNATURE Maureen Gannon

PRINTED NAME **Maureen Gannon**
AND TITLE **Project Manager**

Floral #25
(A) 22-29N-9W
AMOCO

7-1-44 @ 0833

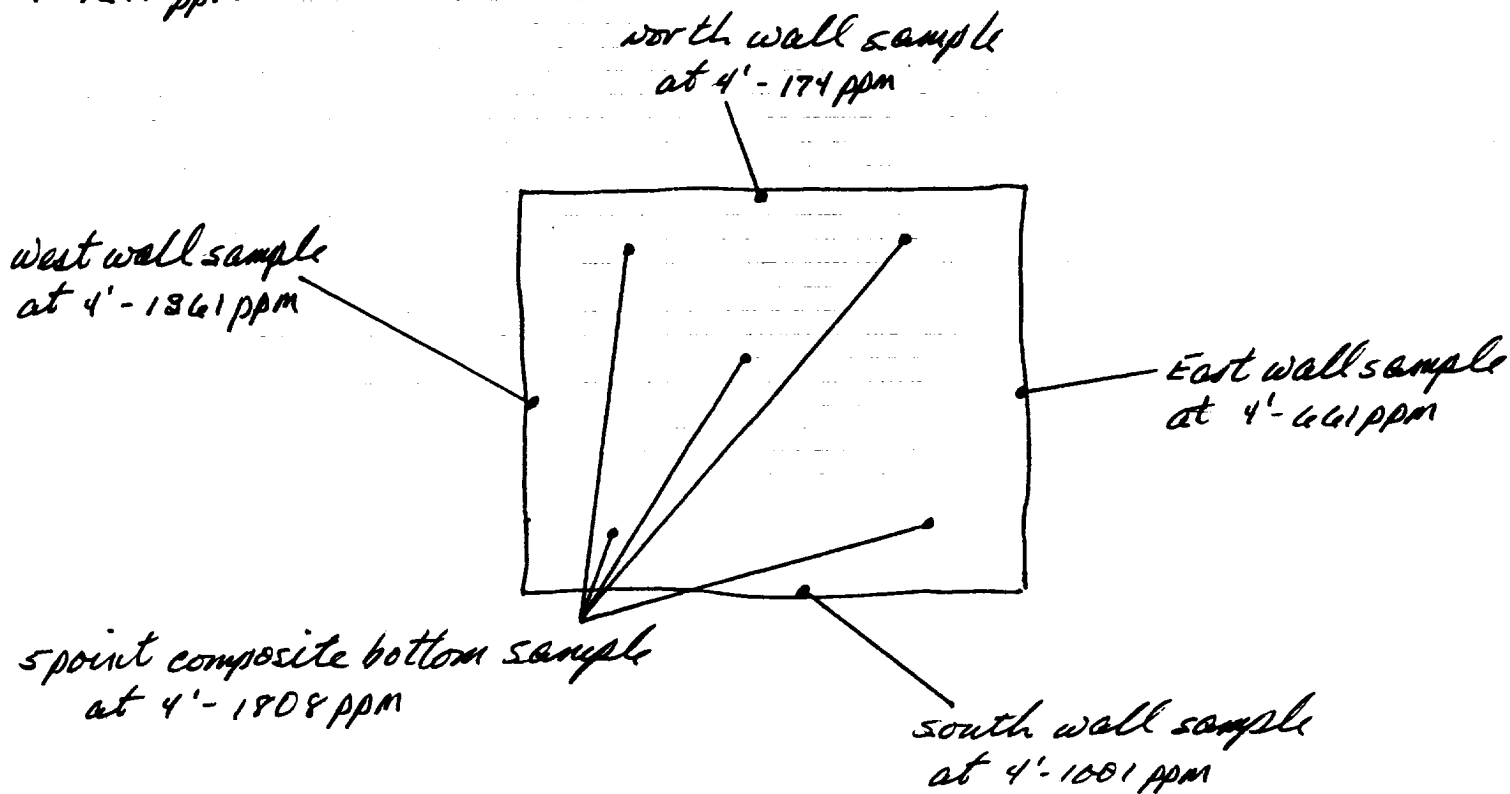
↑
N



Excavation Sampling
PID Readings

4' - 1611 ppm

12'(N+S) x 18'(E+W) x 4'(D)
Field headspace: 2086 ppm
(walls)



net to coal

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 19-Jul-99

CLIENT: PNM - Public Service Company of NM

Project: Florance #27A & #25

Lab Order: 9907004

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.

KAY

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 19-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Florance #25
Work Order:	9907004	Client Sample ID:	9907011055; 5pt. Bottom Comp
Lab ID:	9907004-03A	Matrix:	SOIL
Project:	Florance #27A & #25	Collection Date:	7/1/99 10:55:00 AM
		COC Record:	7643

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	91	25		mg/Kg	1	7/14/99
AROMATIC VOLATILES BY GC/PID						
		SW8021B				Analyst: DM
Benzene	5100	500		µg/Kg	500	7/2/99
Toluene	25000	1000		µg/Kg	500	7/2/99
Ethylbenzene	840	500		µg/Kg	500	7/2/99
m,p-Xylene	8000	1000		µg/Kg	500	7/2/99
o-Xylene	2000	500		µg/Kg	500	7/2/99

40940
40.94 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

1 of 1

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 19-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Florance #25
Work Order:	9907004	Client Sample ID:	9907011100; 4pt. Wall Comp
Lab ID:	9907004-04A	Matrix:	SOIL
Project:	Florance #27A & #25	Collection Date:	7/1/99 11:00:00 AM
		COC Record:	7643

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	150	25		mg/Kg	1	7/14/99
AROMATIC VOLATILES BY GC/PID						
		SW8021B				Analyst: DM
Benzene	8400	500		µg/Kg	500	7/2/99
Toluene	44000	1000		µg/Kg	500	7/2/99
Ethylbenzene	1500	500		µg/Kg	500	7/2/99
m,p-Xylene	9800	1000		µg/Kg	500	7/2/99
o-Xylene	2400	500		µg/Kg	500	7/2/99

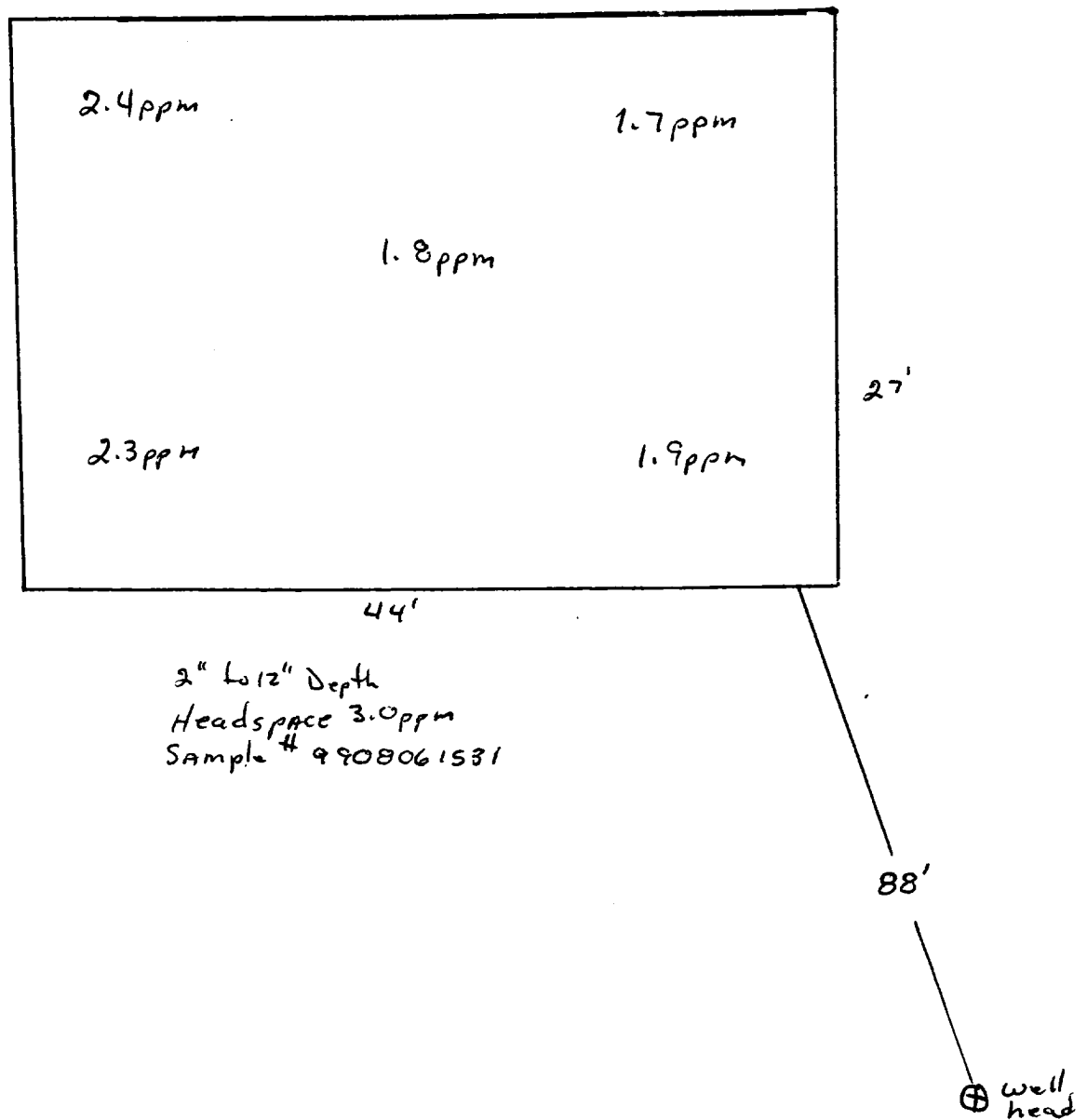
66100
66.10 ppm

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

1 of 1

Florance 25
Sec. 22 T29N R9W 4LA
Amoco

Land farm Drawing
App 32 cu. yds



2" to 12" Depth
Headspace 3.0 ppm
Sample # 9908061531

Not to Scale

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:	Florance #25 LF
Work Order:	9908030	Client Sample ID:	9908110900; 6pt. Composite
Lab ID:	9908030-02A	Matrix:	SOIL
Project:	PMM Pit Remediation Landfarms	Collection Date:	08/11/1999 9:00:00 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

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

1 of 1

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- Thank you for your commitment to the Environment -