

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

RECEIVED
NOV - 1 1999

OIL CON. DIV.
DIST. 3

Operator: PNM Gas Services (Williams) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Fred Feasel G #1 Drip

Location: Unit K Sec 2 T 27 N R 10 W County San Juan

Pit Type: Separator Dehydrator Other Line drip

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

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

(Attach diagram) Reference: wellhead other Manual blowdown valve riser

Footage from reference: 5'

Direction from reference: 45 Degrees ☒ East North ☒
West of 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

Date Remediation Started: 07/08/1999

Date Completed: 07/08/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 90

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 80

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 15' X 9.5' 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 9.5'

Sample date 07/08/1999

Sample time 12:30:00 PM

Sample Results

Benzene (ppm)

Total BTEX (ppm)

Field headspace (ppm) 0

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 October 28, 1999

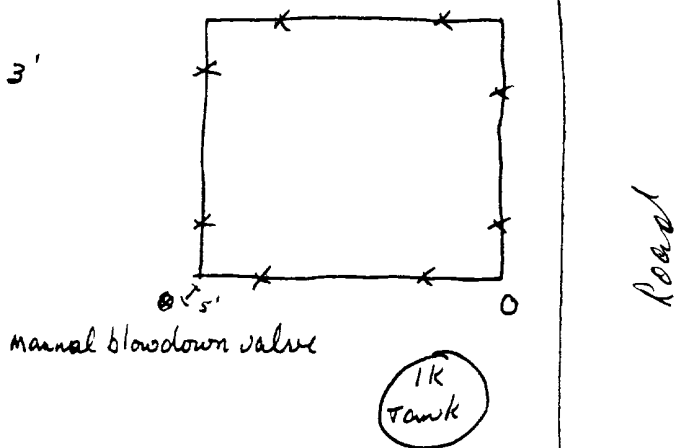
SIGNATURE

PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Fred Fernald Y[#], Drip
 (J) 2-27N-10W
 WFS
 7-8-94 @ 1055
 45° E of N
 5'

↑
N

18' x 18' x 3'



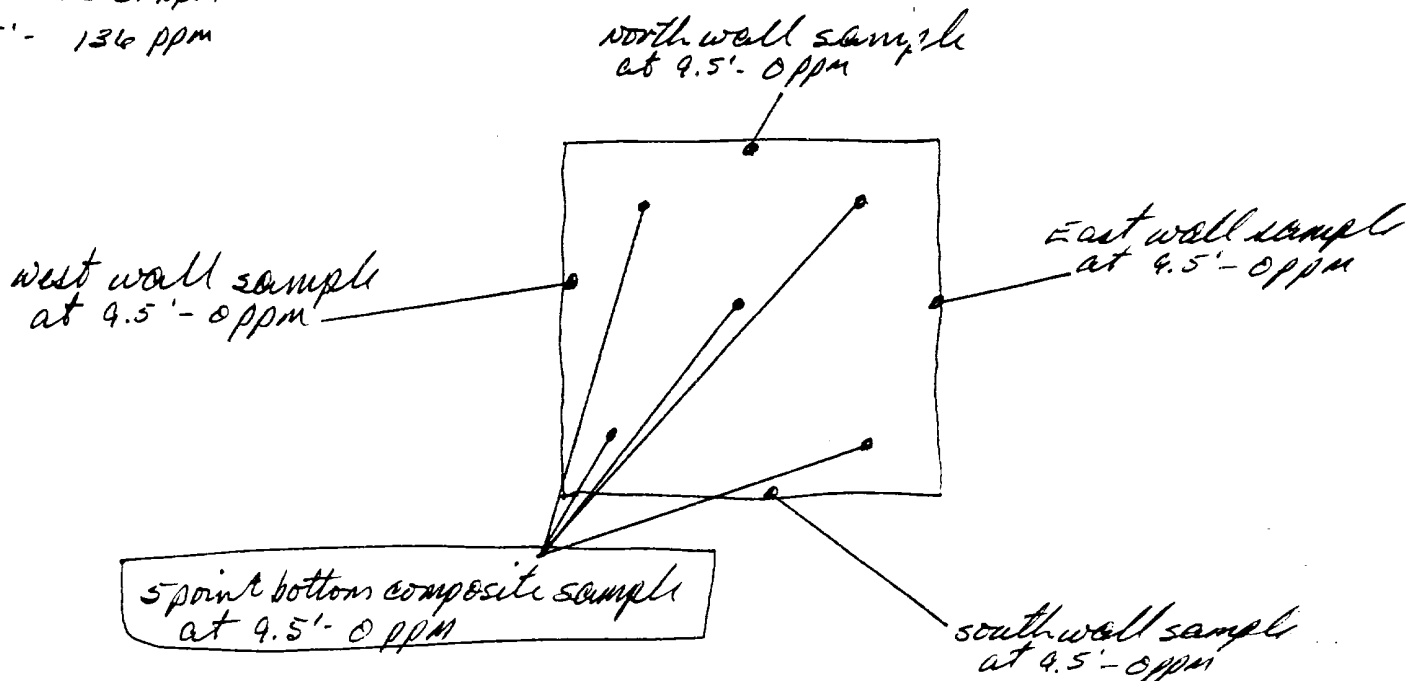
Excavation Sampling

PID Readings

5' - 1531 ppm
 9.5' - 136 ppm

17' (N+S) x 15' (E+W) x 4.5' (D)

Field headspace: 0 ppm
 (walls)



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 23-Jul-99

CLIENT: PNM - Public Service Company of NM

Project: Fred Feasel G1, G1 Drip & G1E

Lab Order: 9907019

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.

Ray

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 23-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Fred Feasel G#1 Drip
Work Order:	9907019	Client Sample ID:	9907081230; 5pt Bottom Comp
Lab ID:	9907019-03A	Matrix:	SOIL
Project:	Fred Feasel G1, G1 Drip & G1E	Collection Date:	7/8/99 12:30:00 PM
		COC Record:	7646

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/21/99

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

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 23-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Fred Feasel G#1 Drip
Work Order:	9907019	Client Sample ID:	9907081235; 4 Wall Comp
Lab ID:	9907019-04A	Matrix:	SOIL
Project:	Fred Feasel G1, G1 Drip & G1E	Collection Date:	7/8/99 12:35:00 PM
		COC Record:	7646

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/21/99

Qualifiers:

PQL - Practical Quantitation Limit
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1 of 1

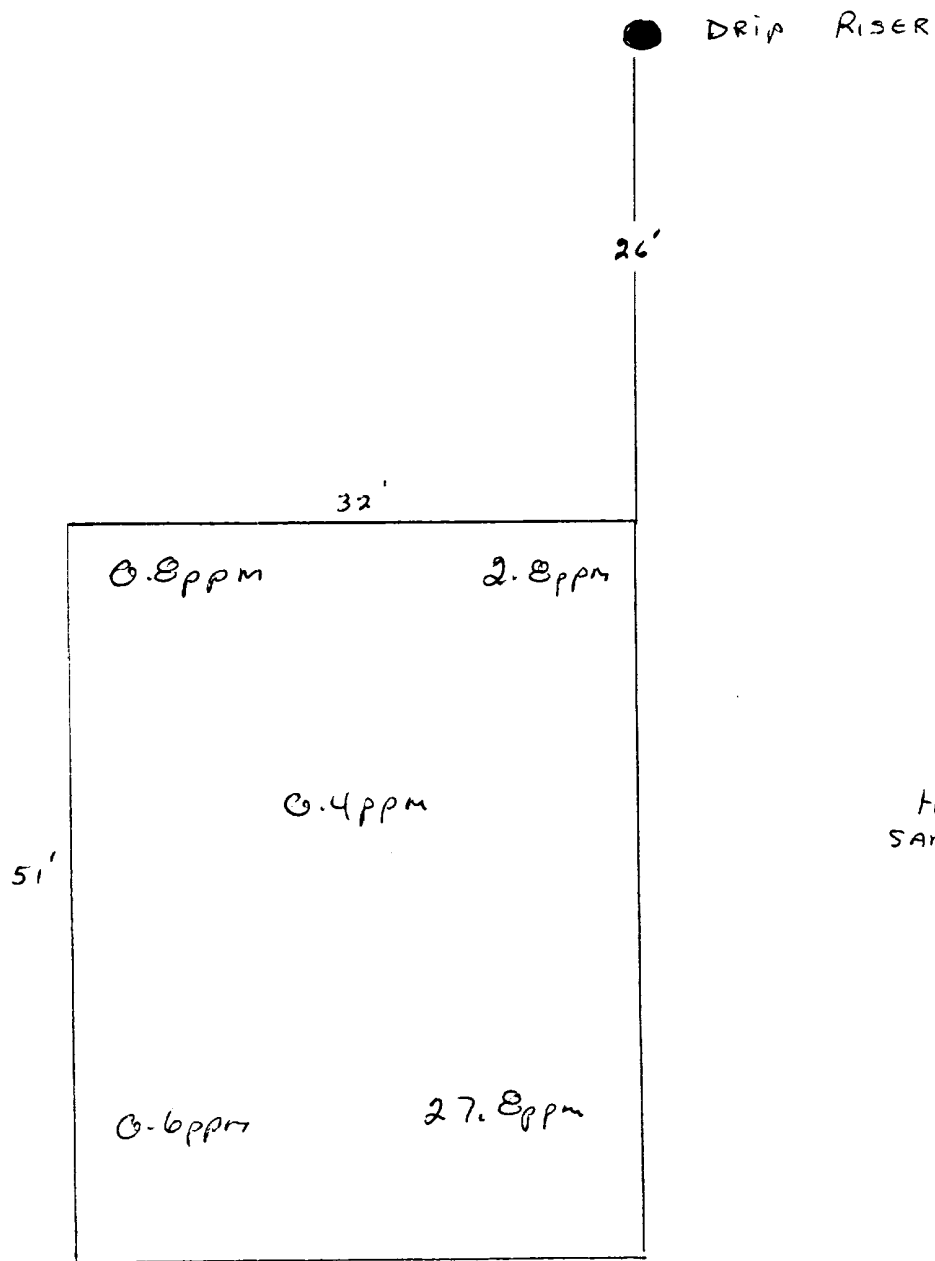
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Fred Feasel G#1 Drip
Sec-2 T-27N R-10W UL-J
WFS

Landfarm Drawing

Landfarmed on Right of way
SEC-2 T-27N R-10W UL-J

App- 80 cu yds



2" to 12" Depth
Headspace 3.4 ppm
Sample # 990806 1148

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 11-Aug-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation Landfarms

Lab Order: 9908017

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: 11-Aug-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Fred Feasel G-1 Drip LF
Work Order:	9908017	Client Sample ID:	9908061148; 5pt. Composite
Lab ID:	9908017-02A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	08/06/1999 11:48:00 AM
		COC Record:	7801

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	65	25		mg/Kg	1	08/09/1999

Qualifiers:

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- B - Analyte detected in the associated Method Blank

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- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Surr: - Surrogate

1 of 1

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