

District I
P.O. Box 1980, Hobbs, NM
Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

District III
1000 Rio Brazos Road, NM 87411
SEP 03 1999

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

Talk to
Wagner
about sample
names
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
JUL 30 1999
OIL CON. DIV.
DIST. 3

Operator: PNM Gas Services (Burlington) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Grenier #17E
Location: Unit L Sec 6 T 31 N R 11 W County San Juan
Pit Type: Separator ☐ Dehydrator ☒ Other _____
Land Type: BLM ☐ State ☐ Fee ☒ Other _____

Pit Location: Pit dimensions: length 12 ' width 12 ' depth 2 '
(Attach diagram) Reference: wellhead ☒ other _____
Footage from reference: 120'
Direction from reference: 45 Degrees ☒ East North ☒
of ☐ West South ☐

Depth to Ground Water:	Less than 50 feet	(20 points)	
(Vertical distance from contaminants to seasonal high water elevation of ground water)	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	0
 Wellhead Protection Area:			
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	Yes	(20 points)	
	No	(0 points)	0
 Distance to Surface Water:			
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	(20 points)	
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	0
RANKING SCORE (TOTAL POINTS):			0

Grenier #17E

Date Remediation Started: 05/13/1999

Date Completed: 05/13/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 42

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 42

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 15' X 15' 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 05/13/1999

Sample time 12:05:00 PM

Sample Results

Benzene (ppm) 0.390

Total BTEX (ppm) 41.840

Field headspace (ppm) _____

TPH (ppm) 140.00

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 July 27, 1999

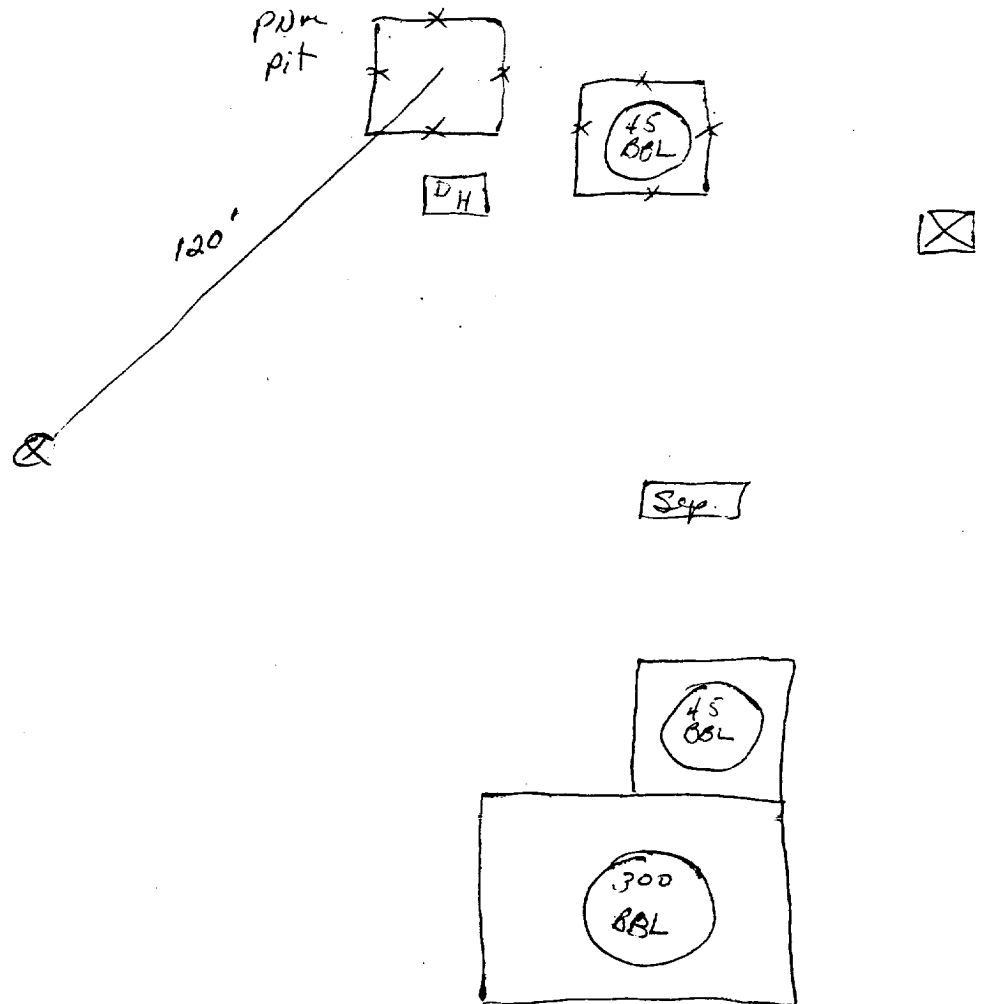
SIGNATURE



PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Grenier 17 E
Sec. 6 T31N R11W Unit L
Burlington

Site Drawing



Grenier 11C
Sec. 6 T31N R11W Unit L
Burlington

Excavation Drawing

15' x 15' x 5'

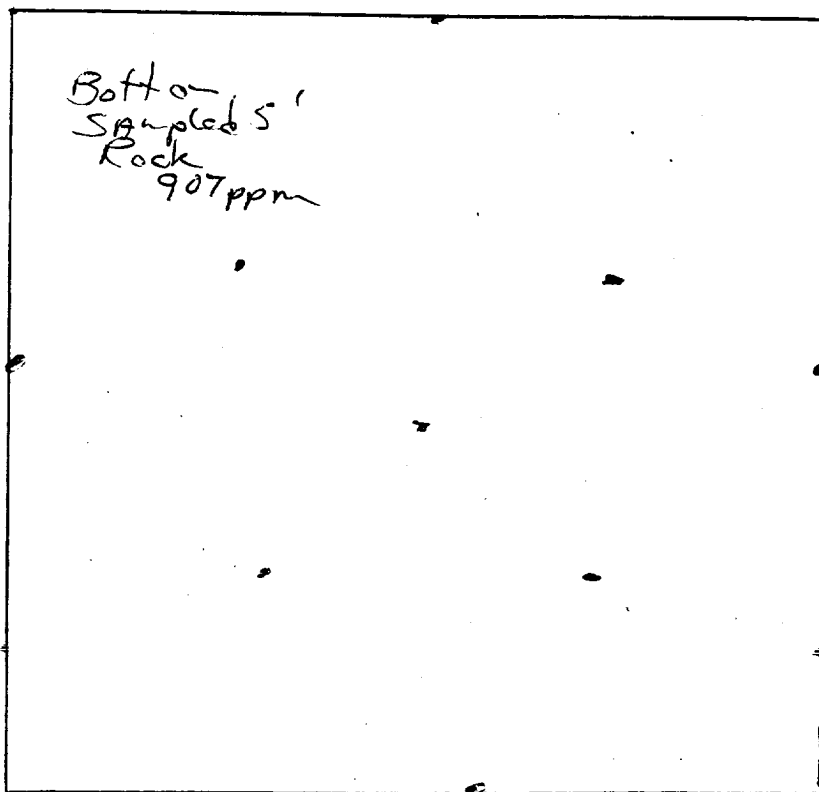
North Wall,
Sampled 4'
7.3 ppm

Bottom
Sampled 5'
Rock
907 ppm

West Wall
Sample 4'
10.6 ppm

East Wall
Sampled 4'
32.3 ppm

South Wall
Sampled 4'
22.0 ppm



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 26-May-99

CLIENT: PNM - Public Service Company of NM
Project: Grenier 1A & 17E
Lab Order: 9905054

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.

12on

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 26-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Grenier 17E
Work Order:	9905054	Client Sample ID:	9905131205; 5pt Bottom Comp
Lab ID:	9905054-06A	Matrix:	SOIL
Project:	Grenier 1A & 17E	Collection Date:	5/13/99 12:05:00 PM
		COC Record:	7481

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
T/R Hydrocarbons: C10-C28	140	25		mg/Kg	1	5/20/99
AROMATIC VOLATILES BY GC/PID						
Benzene	390	200		µg/Kg	200	5/19/99
Toluene	4600	400		µg/Kg	200	5/19/99
Ethylbenzene	850	200		µg/Kg	200	5/19/99
m,p-Xylene	31000	400		µg/Kg	200	5/19/99
o-Xylene	5000	200		µg/Kg	200	5/19/99

41840
41.840 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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1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 26-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Grenier 17E
Work Order:	9905054	Client Sample ID:	9905131200; 4pt Wall Comp
Lab ID:	9905054-05A	Matrix:	SOIL
Project:	Grenier 1A & 17E	Collection Date:	5/13/99 12:00:00 PM
		COC Record:	7481

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/20/99

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

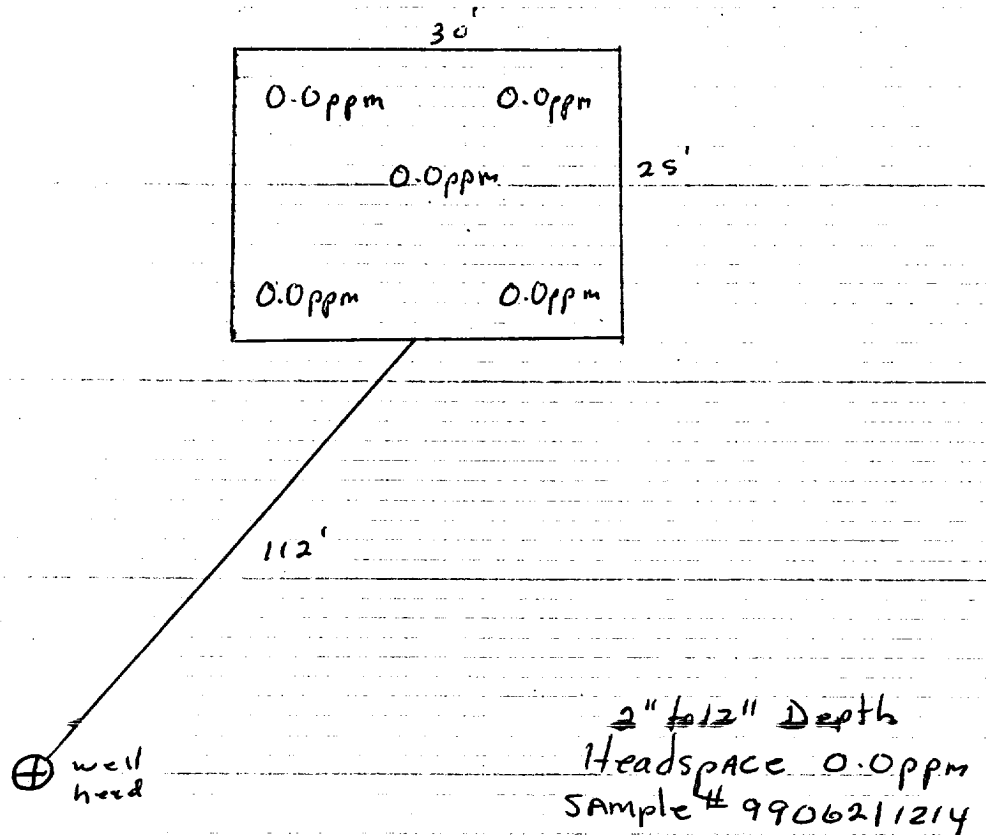
R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

Grenier #17E
Sec-6 T-31N R-11W4L(L)
Burlington

Land farm Drawing App 42 cu yds



Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 07-Jul-99

CLIENT: PNM - Public Service Company of NM
Project: Grenier 3A, 17E, 4 Sep, 10, & Horton 1 LF
Lab Order: 9906068

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.

Ron

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 07-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Grenier 17E LF
Work Order:	9906068	Client Sample ID:	9906211214; 5pt Comp
Lab ID:	9906068-02A	Matrix:	SOIL
Project:	Grenier 3A, 17E, 4 Sep, 10, & Horton 1 LF	Collection Date:	6/21/99 12:14:00 PM
		COC Record:	7487

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/2/99

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

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

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