

District I
P.O. Box 1000, Santa Fe, NM 87501
DEPUTY OIL & GAS INSPECTOR

District II
P.O. Drawer DD, Artesia, NM 88211
DEC 17 1998

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
JUL 31 1998

OIL CON. DIV.
DIST. 3

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Eaton Federal #1E

Location: Unit D Sec 15 T 28 N R 11 W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐ No ☐

Pit Location: Pit dimensions: length 20 ' width 20 ' depth 3 '

(Attach diagram) **Reference:** wellhead ☒ other ☐

Footage from reference: 80'

Direction from reference: 30 Degrees ☐ East ☒ North ☒
of ☒ West ☐ South ☐

Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	<u>10</u>
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	

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

Distance to Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	(20 points)	<u>0</u>
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	

RANKING SCORE (TOTAL POINTS): 10

Eaton Federal #1E

Date Remediation Started: 4/27/98

Date Completed: 4/27/98

Remediation Method:

Excavation

X

Approx. Cubic Yard 91

(Check all appropriate sections)

Landfarmed

X

Amount Landfarmed (cubic yds) 91

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 14' X 16' X 11' 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

Bottom of excavation (3 pt.)

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth

11'

Sample date

4/27/98

Sample time

8:11:00 AM

Sample Results

Benzene (ppm)

Total BTEX (ppm)

Field headspace (ppm) 13.6

TPH (ppm)

44.00

Method

8015

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, 1998

SIGNATURE

Gary Cook

PRINTED NAME Gary Cook

AND TITLE Environmental Technician III

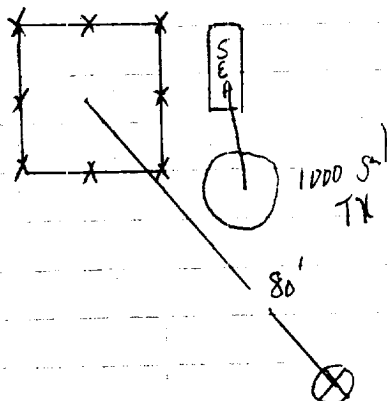
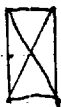
Eaton Federal #1E

4/23/98

Taurus

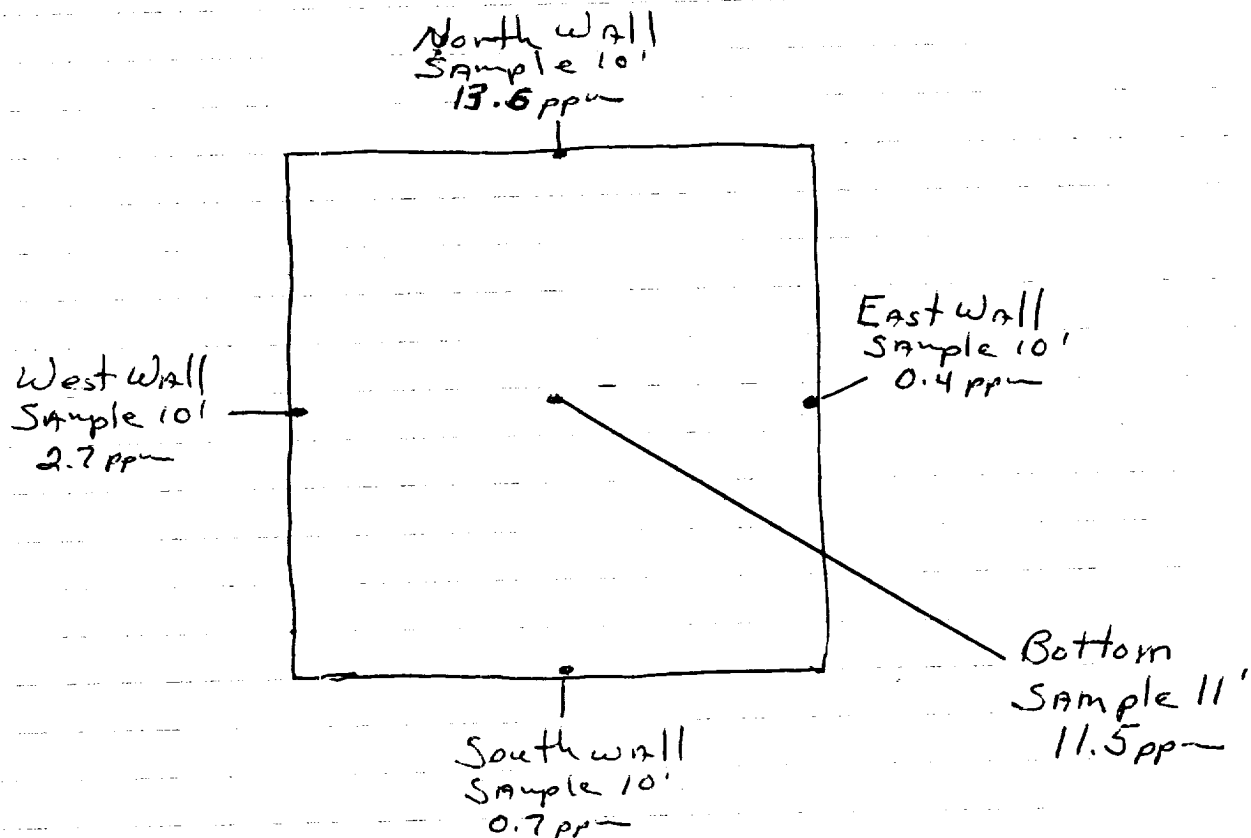
Sec. 15, 28N, 11W, D

start of excavation:



End of excavation:

4/27/98



OFF: (505) 325-5667

ON SITE

LAB: (505) 325-1556

TECHNOLOGIES, LTD.

On Site Technologies, LTD.

Date: 06-May-98

CLIENT: PNM - Public Service Company of NM

Project: Pit Remediation

Lab Order: 9804042

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: 06-May-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Eaton Federal 1E
Work Order:	9804042	Client Sample ID:	9804270811; 3pt. Bottom
Lab ID:	9804042-01A	Matrix:	SOIL
Project:	Pit Remediation	Collection Date:	4/27/98 8:11:00 AM
		COC Record:	7118

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	44	25		mg/Kg	1	4/30/98

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

P.O. BOX 2606 • FARMINGTON, NM 87499

ANALYTICAL SERVICES • REMEDIATION CONSULTING • ENVIRONMENTAL MONITORING

OFF: (505) 325-5667

ON SITE

TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 06-May-98

Client: PNM - Public Service Company of NM
Work Order: 9804042
Lab ID: 9804042-02A **Matrix:** SOIL
Project: Pit Remediation

Client Sample Info: Eaton Federal 1E
Client Sample ID: 9804270812; 4pt. Walls
Collection Date: 4/27/98 8:12:00 AM
COC Record: 7118

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	130	25		mg/Kg	1	4/30/98

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

P.O. BOX 2606 • FARMINGTON, NM 87499

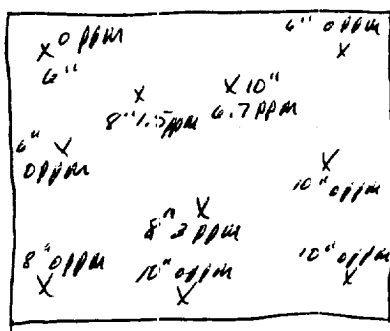
Raton Federal IE
1110 FNL / 885 FWL
15-28N-11W

Taurus
Saw Tumor
Lab sample # 4805210700
Field head space - 5.7 PPM

↑
N

⊗ WH

6"-10"



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 29-May-98

CLIENT: PNM - Public Service Company of NM
Project: Landfarm Composites
Lab Order: 9805071

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: 29-May-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Eaton Fed. 1E Landfarm
Work Order:	9805071	Client Sample ID:	9805210700
Lab ID:	9805071-01A	Matrix:	SOIL
Project:	Landfarm Composites	Collection Date:	5/21/98 7:00:00 AM
		COC Record:	5221

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	180	25		mg/Kg	1	5/27/98

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

P.O. BOX 2606 • FARMINGTON, NM 87499

• 505-325-1556 • BLENDING FACILITY, 11TH ST. NE