

District I  
P.O. Box 1980, Hobbs, NM

State of New Mexico

Energy, Minerals and Natural Resources Department

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

District II  
Drawer DD, Artesia, NM 88201

DEPUTY OIL & GAS INSPECTOR OIL CONSERVATION DIVISION

District III  
1000 Rio Brazos Rd, Aztec, NM 87410

OCT 28 1997

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

## PIT REMEDIATION AND CLOSURE REPORT

*Approved*

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Foster #1

Location: Unit M Sec 24 T 26 N R 8 W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other No

Land Type: BLM ☒ State ☐ Fee ☐ Other No

Pit Location: Pit dimensions: length 12 width 12 depth 4

(Attach diagram) Reference: wellhead ☒ other ☐

Footage from reference: 75'

Direction from reference: due Degrees ☐ East ☒ North ☐ West ☐ South

### Depth to Ground Water:

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

Less than 50 feet (20 points)  
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

RECEIVED  
JUL 31 1997  
OIL CON. DIV.  
DIST. 3

Foster #1

Date Remediation Started: 6/3/97

Date Completed: 6/3/97

## Remediation Method:

Excavation ☒

Approx. Cubic Yard 23

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 23

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 8' x 8' x 10' 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 - 4 side walls and center of pit bottom

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

Sample depth

8' &amp; 10'

Sample date

6/3/97

Sample time

1:30:00 PM

## Sample Results

Benzene (ppm)

0.0000

Total BTEX (ppm)

0.0960

Field headspace (ppm)

TPH

0.00

Method

8015A

Vertical Extent (ft) \_\_\_\_\_

Risk Assessment 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 28, 1997

SIGNATURE

PRINTED NAME  
AND TITLEDenver Bearden  
Administrator III

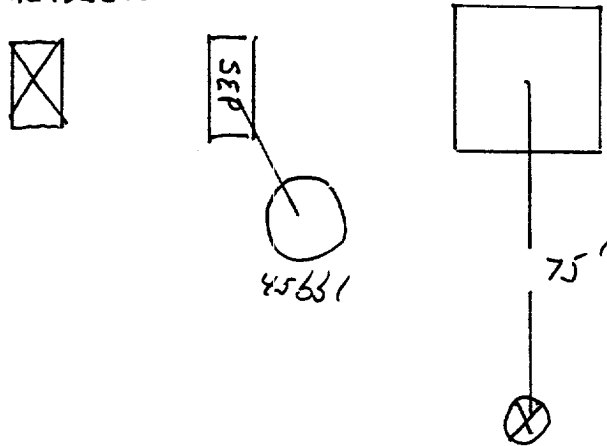
Foster #1

6-3-97

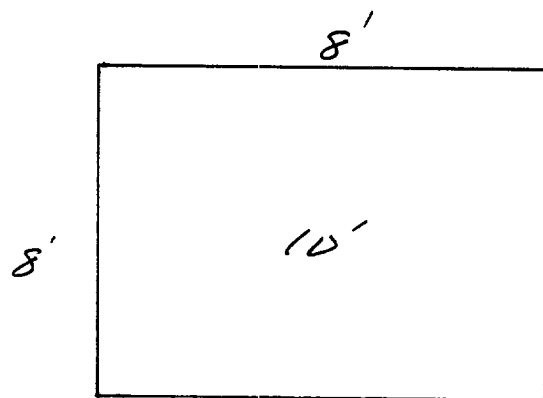
Conoco

Sec. 24, 26N, 8W, m

Start of excavation:



End of excavation:



Sandstone at 10'

OFF: (505) 325-5667



LAB: (505) 325-1556

### ANALYTICAL REPORT

Attn: *Denver Bearden*  
Company: *PNM Gas Services*  
Address: *603 W. Elm*  
City, State: *Farmington, NM 87401*

Date: *9-Jun-97*  
COC No.: *5897*  
Sample No.: *14818*  
Job No.: *2-1000*

Project Name: *PNM Gas Services - Foster #1*  
Project Location: *9706031330; 4 Walls @ 8' and Bottom @ 10'*  
Sampled by: *GC* Date: *3-Jun-97* Time: *13:30*  
Analyzed by: *DC/HR* Date: *5-Jun-97*  
Sample Matrix: *Soil*

#### Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Diesel Range Organics (C10 - C28)</i>	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

#### Quality Assurance Report

DRO QC No.: 0548-STD

##### Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	182	9.5	15%

##### Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	88	84	(70-130)	5	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *[Signature]*

Date: *6/9/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

### ANALYTICAL REPORT

Attn: *Denver Bearden*  
Company: *PNM Gas Services*  
Address: *603 W. Elm*  
City, State: *Farmington, NM 87401*

Date: *10-Jun-97*  
COC No.: *5897*  
Sample No.: *14818*  
Job No.: *2-1000*

Project Name: *PNM Gas Services - Foster #1*  
Project Location: *9706031330; 4 Walls @ 8' and Bottom @ 10'*  
Sampled by: *GC* Date: *3-Jun-97* Time: *13:30*  
Analyzed by: *HR* Date: *4-Jun-97*  
Sample Matrix: *Soil*

#### Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	1	ug/kg
<i>Toluene</i>	3	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	14	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	72	ug/kg	1	ug/kg
<i>o-Xylene</i>	7	ug/kg	1	ug/kg
	<i>TOTAL</i>	96		ug/kg

ND - Not Detected at Limit of Quantitation

Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography

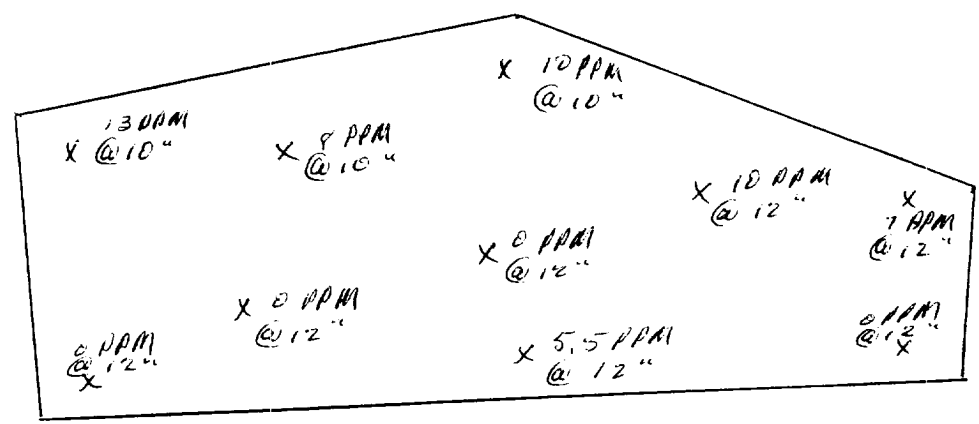
Approved by: *[Signature]*  
Date: *6/10/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

FEDERALLY REGULATED INDUSTRIAL WASTE TREATMENT, INC.

↑  
N

See attached lab results for BTEX



Foster #1

6-28-97

@ 1030



OFF: (505) 325-5667



LAB: (505) 325-1556

### ANALYTICAL REPORT

Attn: *Denver Bearden*  
Company: *PNM Gas Services*  
Address: *603 W. Elm*  
City, State: *Farmington, NM 87401*

Date: *3-Jul-97*  
COC No.: *5177*  
Sample No.: *15143*  
Job No.: *2-1000*

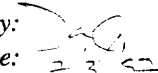
Project Name: *PNM Gas Services - Foster #1 Landfarm*  
Project Location: *9706281030; 10pt. Composite*  
Sampled by: *RH* Date: *28-Jun-97* Time: *10:30*  
Analyzed by: *DC* Date: *30-Jun-97*  
Sample Matrix: *Soil*

#### Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	1	ug/kg	1	ug/kg
<i>Toluene</i>	4	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	ND	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	3	ug/kg	1	ug/kg
<i>o-Xylene</i>	2	ug/kg	1	ug/kg
<i>TOTAL</i>	11	ug/kg		

ND - Not Detected at Limit of Quantitation

Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography

Approved by:   
Date: *2 3 97*