

District I
P.O. Box 1980, Hobbs, NM
Still
Drawer DD

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 III
1000 Rio Brazos Rd. Aztec, NM 87410

Denny S. Faust
DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

OCT 28 1997

PIT REMEDIATION AND CLOSURE REPORT

Approved
Operator: PNM Gas Services (Dreyfus) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Miles Federal #2

Location: Unit N Sec 7 T 26 N R 7 W County Rio Arriba

Pit Type: Separator Dehydrator ☒ Other No

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: 93'

Direction from reference: 35 Degrees ☒ East North ☒
of
 West South

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

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

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)	

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

Distance to Surface Water:	Less than 200 feet	(20 points)	<u>0</u>
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	

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

RANKING SCORE (TOTAL POINTS): 10

Miles Federal #2

Date Remediation Started: 5/29/97

Date Completed: 5/29/97

Remediation Method: Excavation ☒

Approx. Cubic Yard 394

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 274

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 28' x 20' x 19' 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

18' & 19'

Sample date

5/30/97

Sample time

3:25:00 PM

Sample Results

Benzene (ppm)

0.0000

Total BTEX (ppm)

0.9540

Field headspace (ppm)

TPH

0.00

Method

8015A

Vertical Extent (ft)

Risk Assessment form attached

Yes

No

☒

Ground Water Sample:

Yes

No

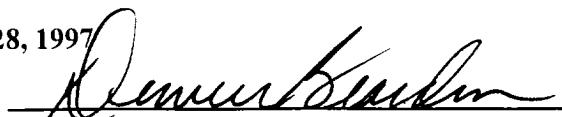
☒

(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 TITLE

Denver Bearden
Administrator III

Miles Federal #2

WH to PIT 93'

35° E of N

↑
N

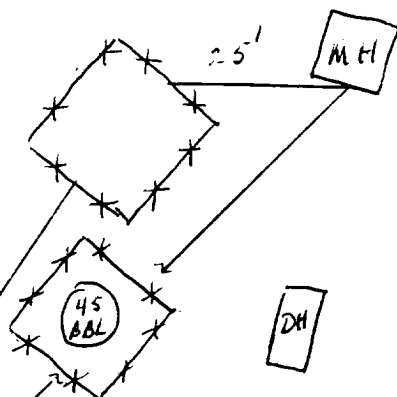


SEP

93'

WH

133'



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: *4-Jun-97*
COC No.: *5150*
Sample No.: *14803*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Miles Federal #2*
Project Location: *9705301525; Pit Excavation Composite Sample*
Sampled by: *RH* Date: *30-May-97* Time: *15:25*
Analyzed by: *DC* Date: *4-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.: 0519-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	192	4.3	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	96	102	(70-130)	6	20%

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

Approved by: *[Signature]*
Date: *6/4/97*

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: *3-Jun-97*
COC No.: *5150*
Sample No.: *14803*
Job No.: *2-1000*

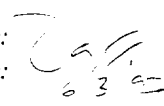
Project Name: *PNM Gas Services - Miles Federal #2*
Project Location: *9705301525; Pit Excavation Composite Sample*
Sampled by: *RH* Date: *30-May-97* Time: *15:25*
Analyzed by: *DC* Date: *2-Jun-97*
Sample Matrix: *Soil*

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>	63	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	53	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	667	ug/kg	1	ug/kg
<i>o-Xylene</i>	172	ug/kg	1	ug/kg
	<i>TOTAL</i>	954		ug/kg

ND - Not Detected at Limit of Quantitation

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

Approved by: 

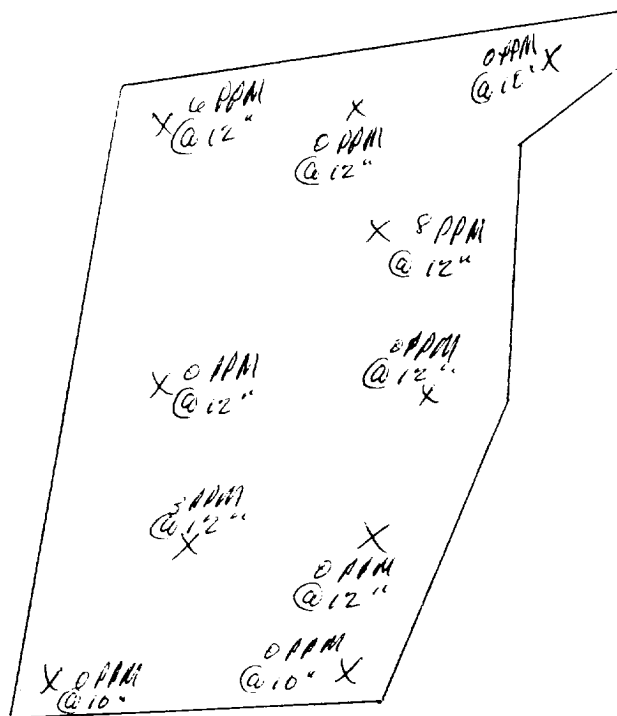
Date: *6/3/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

7
11

See attached lab results for BTEX.



Miles Federal #2

6-28-97

@ 1005

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.: *5175*
Sample No.: *15141*
Job No.: *2-1000*

Project Name: ***PNM Gas Services - Miles Federal #2 Landfarm***

Project Location: ***9706281005; 10pt. Composite***

Sampled by: *RH* Date: *28-Jun-97* Time: *10:05*

Analyzed by: *DC/HR* Date: *2-Jul-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	204	2.2	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	90	94	(70-130)	4	20%

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

Approved by: *[Signature]*
Date: *2/2/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

© 1997 On Site Technologies, Ltd. All rights reserved. Printed in the USA.

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.: *5175*
Sample No.: *15141*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Miles Federal #2 Landfarm*

Project Location: *9706281005; 10pt. Composite*

Sampled by: *RH* Date: *28-Jun-97* Time: *10:05*

Analyzed by: *DC* Date: *30-Jun-97*

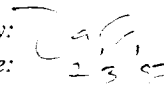
Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	1	ug/kg
<i>Toluene</i>	6	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	24	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	84	ug/kg	1	ug/kg
<i>o-Xylene</i>	4	ug/kg	1	ug/kg
	<i>TOTAL</i>	118		ug/kg

ND - Not Detected at Limit of Quantitation

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

Approved by: 

Date: *23 97*

P.O. BOX 2606 • FARMINGTON, NM 87499

TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT