

District I
P.O. Box 1880, Hobbs, NM
District II
P.O. Box 1880, Hobbs, NM 88221
District III
1000 Rio Brazos Rd, Artesia, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Miles Federal #1E

Location: Unit N Sec 5 T 26 N R 7 W County Rio Arriba

Pit Type: Separator ☐ Dehydrator ☒ Other

Land Type: BLM ☒ State ☐ Fee ☐ Other

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

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 98'

Direction from reference: 40 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) 20

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) 20

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) 20

RANKING SCORE (TOTAL POINTS): 60

Approved

See Groundwater File

RECEIVED
FEB - 1 1999
OIL CON. DIV.
DIST. 3

Miles Federal #1E

Date Remediation Started: 6/4/97 Date Completed: 6/6/97

Remediation Method: Excavation X Approx. Cubic Yard 684

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 466

Other 218 cu. yds. clean overburden.

Remediation Location: Onsite X Offsite _____
(i.e., landfarmed onsite, name and location of offsite facility)

Backfill Material Location: _____

General Description of Remedial Action:

Excavated pit to a pit size of 27' X 38' X 18' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by plowing/disking until soil met regulatory levels.

*** See Groundwater Report (attached).

Ground Water Encountered: No ☐ Yes ☒ Depth 16'

Final Pit Closure Sampling:

Sample Location Middle of pit.

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

Sample depth 16'

Sample date 6/6/97 Sample time 8:30:00 AM

Sample Results

Benzene (ppm) 0.0950

Total BTEX (ppm) 1.4430

Field headspace (ppm) _____

TPH (ppm) *** Method 8020

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 January 26, 1999

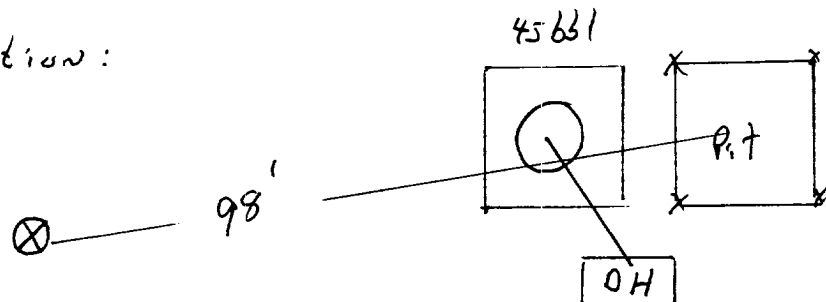
SIGNATURE Maureen Gannon

PRINTED NAME **Maureen Gannon**
AND TITLE **Project Manager**

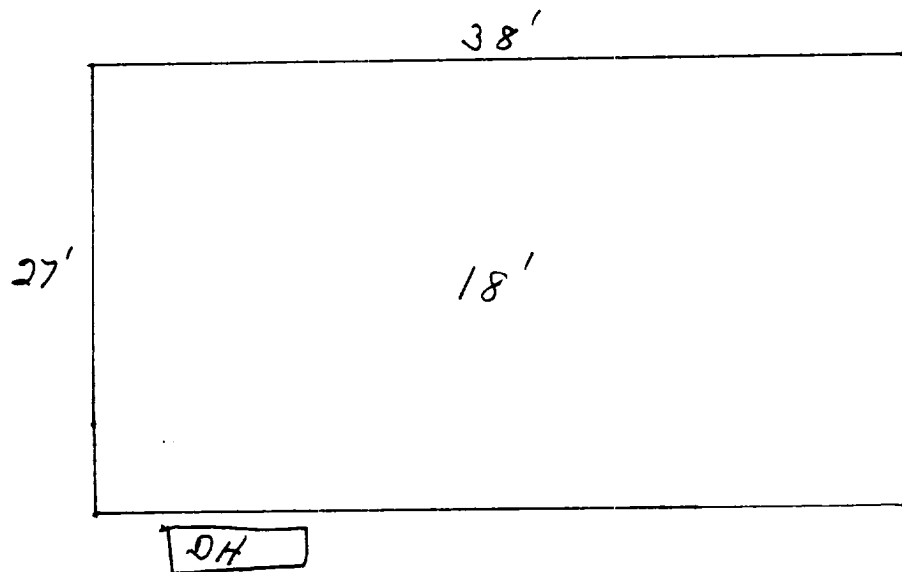
Miles Federal #1 E
Louis Dreyfus Natural Gas Corp.
Sec. 5, 26N, 7W, IV

6-4-97

Start of excavation:



End of excavation:



H₂O at 16'

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: 17-Jun-97
COC No.: 5881
Sample No.: 14875
Job No.: 2-1000

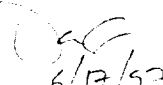
Project Name: *PNM Gas Services - Miles Federal #1E*
Project Location: *9706060830*
Sampled by: GC
Analyzed by: DC
Sample Matrix: *Liquid*

Date: 6-Jun-97 Time: 8:30
Date: 12-Jun-97

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	95	ug/L	2	ug/L
<i>Toluene</i>	526	ug/L	2	ug/L
<i>Ethylbenzene</i>	38	ug/L	2	ug/L
<i>m,p-Xylene</i>	619	ug/L	2	ug/L
<i>o-Xylene</i>	164	ug/L	2	ug/L
<i>TOTAL</i>	1443	ug/L		

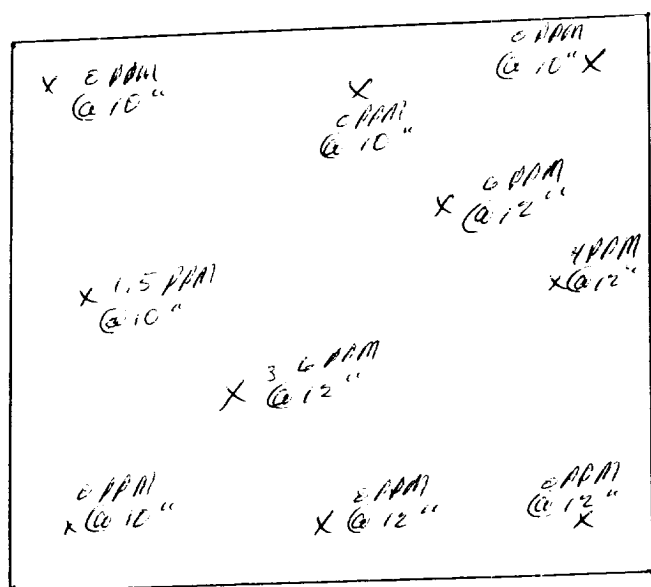
ND - Not Detected at Limit of Quantitation

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

Approved By: 

Date: 6/17/97

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N



Miles Federal 1E

6-28-97

@ 1130

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

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.: *5178*
Sample No.: *15144*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Miles Federal 1E Landfarm*
Project Location: *9706281130; 10pt. Composite*
Sampled by: *RH* Date: *28-Jun-97* Time: *11:30*
Analyzed by: *DC/HR* Date: *3-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>	64	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	189	5.6	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	96	98	(70-130)	2	20%

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

Approved by:

Date:

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

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.: *5178*
Sample No.: *15144*
Job No.: *2-1000*

Project Name: ***PNM Gas Services - Miles Federal 1E Landfarm***

Project Location: ***9706281130; 10pt. Composite***

Sampled by: *RH* Date: *28-Jun-97* Time: *11:30*

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>	ND	ug/kg	1	ug/kg
<i>Toluene</i>	11	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	4	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	64	ug/kg	1	ug/kg
<i>o-Xylene</i>	36	ug/kg	1	ug/kg
<i>TOTAL</i>	115	ug/kg		

ND - Not Detected at Limit of Quantitation

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

Approved by:

Date: *7/2/97*