

District I
P.O. Box 1980 Hobbs, NM
District II
Drawn by

District III
1000 Rio Brazos Rd, Aztec, NM 87410

Denny E. Foust
DEPUTY OIL & GAS INSPECTOR

OCT 28 1997

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

Approved

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Primo #1A West Pit

Location: Unit D Sec 6 T 31 N R 10 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other ☐

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: Pit dimensions: length 25 width 25 depth 3

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

Footage from reference: 145'

Direction from reference: 5 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)
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

Primo #1A West Pit

Date Remediation Started: 5/6/97 Date Completed: 5/7/97

Remediation Method: Excavation X Approx. Cubic Yard 133

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 133

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 pit size of 40' x 30' x 3' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by 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 3'

Sample date 5/7/97 Sample time 9:30:00 AM

Sample Results

Benzene (ppm) 0.0000

Total BTEX (ppm) 8.8270

Field headspace (ppm) _____

TPH (ppm) 105.50 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

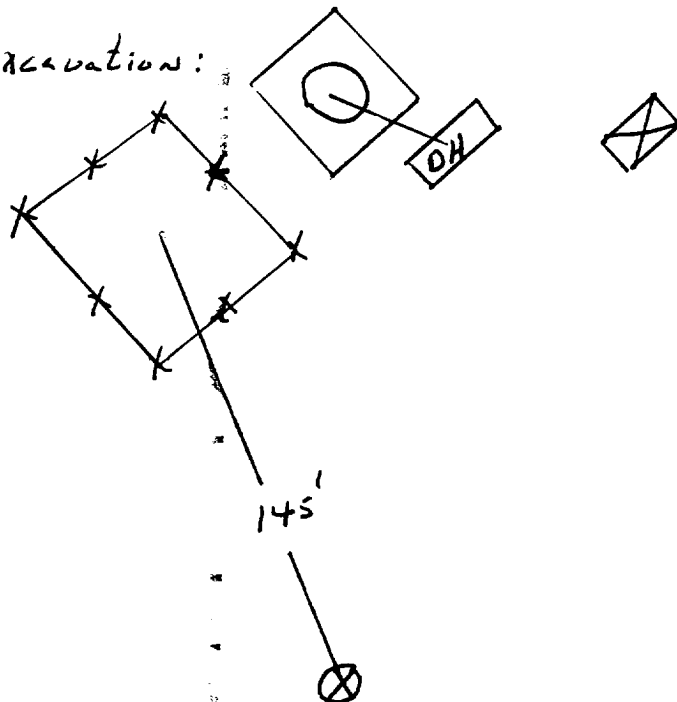
DATE July 28, 1997
SIGNATURE Denver Bearden

PRINTED NAME **Denver Bearden**
AND TITLE **Administrator III**

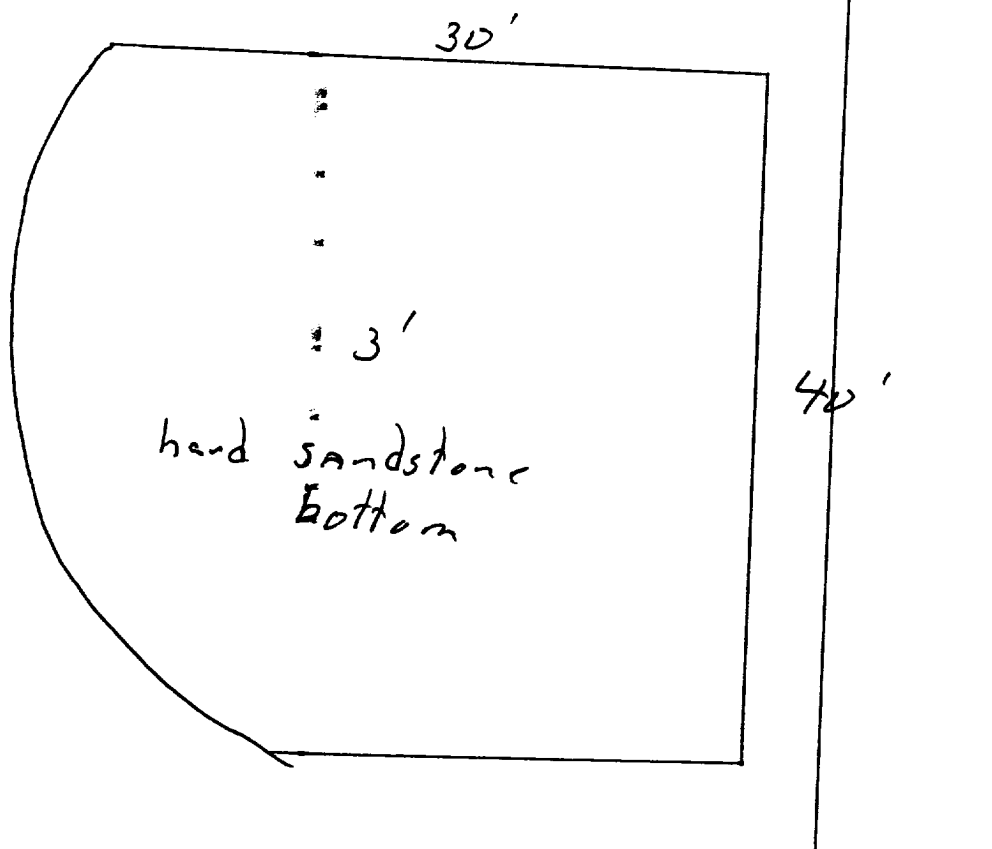
Primo #1A (West Pit)
Conoco Inc.
Sec. 6, 31N, 10W, D

5-6-97

Start of excavation:



End of excavation:



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: *12-May-97*
COC No.: *5885*
Sample No.: *14524*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Primo #1A West Pit*
Project Location: *9705070930; Composite, 4 Walls and Bottom @ 3' depth*
Sampled by: *GC* Date: *7-May-97* Time: *9:30*
Analyzed by: *HR/DC* Date: *9-May-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>	<i>105.5</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

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>	<i>ND</i>	<i>ppm</i>	<i>100</i>	<i>108</i>	<i>7.7</i>	<i>15%</i>

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	<i>100</i>	<i>99</i>	<i>(70-130)</i>	<i>1</i>	<i>20%</i>

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

Approved by: *[Signature]*

Date: *5/12/97*

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: *14-May-97*
COC No.: *5885*
Sample No.: *14524*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Primo #1A West Pit*
Project Location: *9705070930; Composite, 4 Walls and Bottom @ 3' depth*
Sampled by: *GC* Date: *7-May-97* Time: *9:30*
Analyzed by: *DC* Date: *9-May-97*
Sample Matrix: *Soil*

Laboratory Analysis

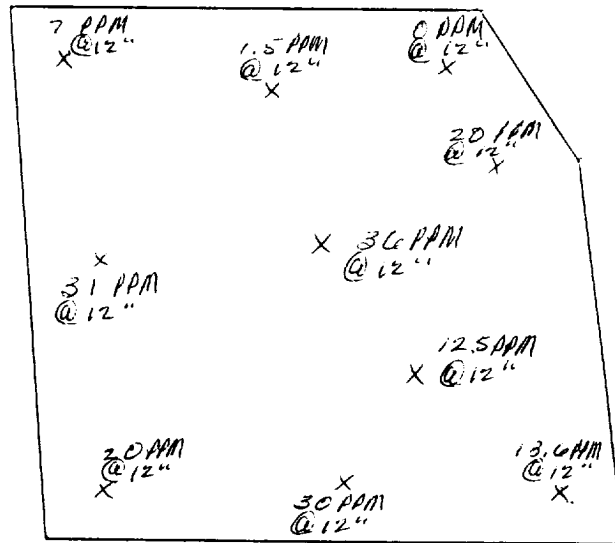
Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	50	ug/kg
<i>Toluene</i>	192	ug/kg	50	ug/kg
<i>Ethylbenzene</i>	608	ug/kg	50	ug/kg
<i>m,p-Xylene</i>	6204	ug/kg	50	ug/kg
<i>o-Xylene</i>	1822	ug/kg	50	ug/kg
	<i>TOTAL</i>	8827	ug/kg	

ND - Not Detected at Limit of Quantitation

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

Approved by: *[Signature]*
Date: *5/14/97*

See attached lab results for BTEX.



Promo^{1A} West
6-16-47 @ 1355

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: *20-Jun-97*
 COC No.: *5164*
 Sample No.: *14966*
 Job No.: *2-1000*

Project Name: *PNM Gas Services - Primo #1A Landfarm West*
 Project Location: *9706161355; 10pt. Composite*
 Sampled by: *RH*
 Analyzed by: *DC/HR*
 Sample Matrix: *Soil*

Date: *16-Jun-97* Time: *13:55*
 Date: *19-Jun-97*

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	195	2.5	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	88	95	(70-130)	9	20%

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

Approved by: *[Signature]*
 Date: *6/20/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

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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: *19-Jun-97*
COC No.: *5164*
Sample No.: *14966*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Primo #1A Landfarm West*
Project Location: *9706161355; 10pt. Composite*
Sampled by: *RH* Date: *16-Jun-97* Time: *13:55*
Analyzed by: *HR* Date: *18-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>	ND	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	ND	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	1	ug/kg	1	ug/kg
<i>o-Xylene</i>	1	ug/kg	1	ug/kg
<i>TOTAL</i>	2	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: *6/19/97*

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