

3R - 323

**GENERAL
CORRESPONDENCE**

YEAR(S):

1997-1996

Public Service Company
of New Mexico
603 W. Elm - P.O. Box 4750
Farmington, NM 87499
505 950-1997
505 325-7365

April 28, 1997

Oil Conservation Division
Attention: Bill Olsen
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED

MAY - 1 1997

Environmental Bureau
Oil Conservation Division



Subject: OCD Closure Reports
1st Reporting Quarter, 1997

Dear Mr. Olsen:

PNM Gas Services is submitting closure reports to the Oil Conservation Division for the sites listed below. These sites were remediated between January 1, 1995 and March 31, 1997. Our office is also submitting two groundwater sites, the Florance #124 and the Templeton #1E, for closure.

If you have any questions, please call Kathy Tyger at (505) 324-3764.

Calloway #1A
Crandell #2
Day Federal A #2
Federal A #1
Federal A #1E
Federal A #2
Federal A #3
Federal A #3E
Federal Gas Com #2
Florance #41A
Florance AA #14A
Florance H #37A
Florance P #39A
Giomi GC C #1 Drip
Hampton #4
Howell #1
Jacques #1
Jacquez #1A
JF Day C #2
JF Day D #1E
Kutz Deep Gas Com D #1
Kutz J Federal #1 Drip
Langendorf #1-34

Lester #1
Main Line Drip South of Marie #1
Marie #1
McClanahan #14 Drip
McClanahan #14E
McClanahan A #1
McClanahan A #3
McDaniel C #1E
Mexico Federal K #1
Miller Gas Com #1 Drip
Newman C #1E
Olmer A #2E Drip
Olmer A #6
Omler #2
Omler #5
Omler A #1E
Omler A #2E
Omler A #7E
Phillips #1
Pierce #1A
Pierce #2A
Scott Federal #3 Drip
State Com #1X

Sincerely,

A handwritten signature in dark ink, appearing to read "Denver Bearden". The signature is fluid and cursive, with a large, sweeping "D" at the beginning.

Denver Bearden
Administrator III

cc: Denny Foust
BLM - Farmington
Williams Field Services

Public Service Company
of New Mexico
603 W. Elm - P.O. Box 4750
Farmington, NM 87499
505 950-1997
505 325-7365

June 30, 1997

JUL - 2 1997



Oil Conservation Division
Attention: Bill Olson
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED
JUL 2 1997

Environmental Bureau
Oil Conservation Division

Subject: OCD Closure Reports
1st Reporting Quarter 1997

Dear Mr. Olson:

Per your telephone conversation with Maureen Gannon, attached are copies of documents requested for the following sites:

Calloway #1A - copy of landfarm map showing BTEX.
Jacquez #1A - copy of landfarm analysis showing TPH.
Lester #1 - copy of landfarm map showing BTEX.

Thank you for informing us of the missing information. We apologize for any inconvenience this may have caused. If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink that reads 'Kathy Juckes'. The signature is written in a cursive, flowing style.

Kathy Juckes
Staff Assistant

cc: Maureen Gannon

District I
P O Box 1980, Hobbs, NM

District II
P O Drawer DD, Artesia, NM 88221

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

OK

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Jacques #1

Location: Unit: M Sec. 25 T. 30 N R. 9 W County San Juan

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: 156'

Direction from reference: 10 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)	<u>20</u>

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)	<u>20</u>

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)	<u>10</u>

RANKING SCORE (TOTAL POINTS) : 50

Date Remediation Started: <u>7/17/96</u>		Date Completed: <u>7/19/96</u>	
Remediation Method: (Check all appropriate sections)	Excavation <u>X</u>	Approx. Cubic Yard	<u>1109</u>
	Landfarmed <u>X</u>	Amount Landfarmed (cubic yds)	<u>1109</u>
	Other _____		
Remediation Location: Onsite _____ Offsite <u>234 yds - Tierra</u> <u>875</u>		<u>yds - Sandoval Gas Com P&A</u>	
(i.e., landfarmed onsite, name and location of offsite facility)			
Backfill Material Location: _____			
General Description of Remedial Action:			
<u>Excavated contaminated soil to a pit size of 39'x48'x16' and transported soil to two offsite commercial landfarms.</u>			
<u>Groundwater was encountered at 14'. Water sample was taken - sample was below OCD groundwater standards. Lab analysis attached.</u>			

Ground Water Encountered: No _____ Yes <input checked="" type="checkbox"/> _____ Depth <u>14'</u>			

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'Sample date 7/18/96 Sample time 8:30:00 AM**Sample Results**Benzene (ppm) 0.8035Total BTEX (ppm) 15.9928

Field headspace (ppm) _____

TPH 22.30 Method 8015AVertical Extent (ft) _____ Risk Assessment form attached Yes ☐ No ☐**Ground Water Sample:** Yes ☒ No ☐

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

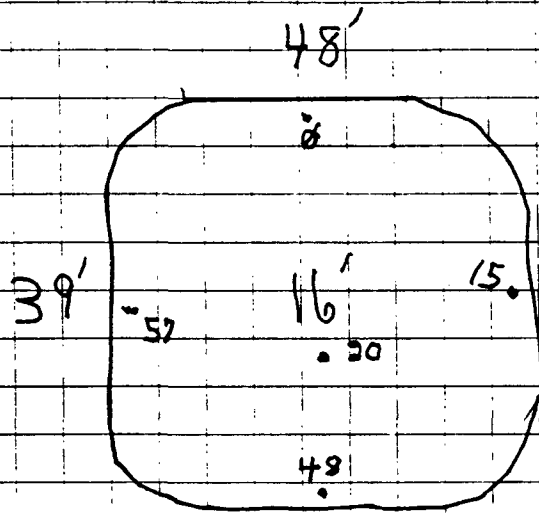
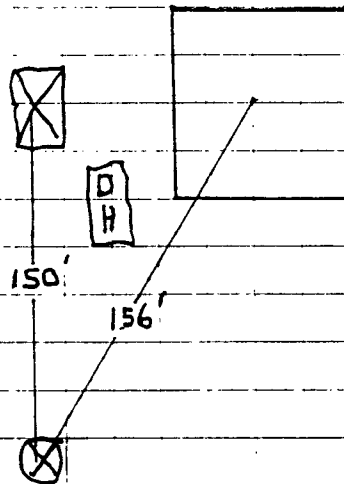
DATE April 28, 1997SIGNATURE Denver BeardenPRINTED NAME AND TITLE Denver Bearden
Administrator III

Jacques #1

Amoco

Sec. 25-30N-9W-M

156' to pit from WH
10° E of N



14' hit water
18' cobble 20 ppm

1109 yards

OFF: (505) 325-5667



LAB: (505) 325-1556

Diesel Range Organics

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

Date: *19-Jul-96*
COC No.: *4906*
Sample No. *11539*
Job No. *2-1000*

Project Name: *PNM Gas Services - Jacques #1*
Project Location: *9607180830; 5pt. Composite, 18' Bottom - 16' Walls*
Sampled by: *GC* Date: *18-Jul-96* Time: *8:30*
Analyzed by: *HR/DC* Date: *19-Jul-96*
Sample Matrix: *Soil*

Laboratory Analysis

<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Diesel Range Organics (C10 - C28)</i>	<i>22.3</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

Quality Assurance Report

DRO QC No.: 0479-QC

Calibration Check

<i>Parameter</i>	<i>Method Blank</i>	<i>Unit of Measure</i>	<i>True Value</i>	<i>Analyzed Value</i>	<i>% Diff</i>	<i>Limit</i>
<i>Diesel Range (C10 - C28)</i>	<i><5.0</i>	<i>ppm</i>	<i>2,000</i>	<i>1,912</i>	<i>4.4</i>	<i>15%</i>

Matrix Spike

<i>Parameter</i>	<i>1- Percent Recovered</i>	<i>2 - Percent Recovered</i>	<i>Limit</i>	<i>%RSD</i>	<i>Limit</i>
<i>Diesel Range (C10-C28)</i>	<i>98</i>	<i>100</i>	<i>(70-130)</i>	<i>2</i>	<i>20%</i>

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

Approved by: *JAG*

Date: *7/19/96*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

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

Date: *19-Jul-96*
COC No.: *4906*
Sample No. *11539*
Job No. *2-1000*

Project Name: *PNM Gas Services - Jacques #1*
Project Location: *9607180830; 5pt. Composite, 18' Bottom - 16' Walls*
Sampled by: *GC* Date: *18-Jul-96* Time: *8:30*
Analyzed by: *DC* Date: *18-Jul-96*
Sample Matrix: *Soil*

Aromatic Volatile Organics

Component	Result	Units of Measure	Detection Limit	Units of Measure
<i>Benzene</i>	<i>803.5</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Toluene</i>	<i>1867.9</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Ethylbenzene</i>	<i>1904.4</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>m,p-Xylene</i>	<i>7494.4</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>o-Xylene</i>	<i>3922.6</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>TOTAL</i>	<i>15992.8</i>	<i>ug/kg</i>		

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

Approved by: *[Signature]*
Date: *2/19/96*

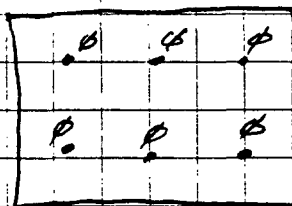
Jacques #1
Amdco
Sec. 25, 30N, 9W

9-10-96

Land Farm: Sandoval Gas Com A
Amdco
Sec. 35, 30N, 9W

Composite sample #: 9609100945 6 pt.

Soil vapor head space PID reading: 3.1 ppm



2' x 12' depth

OFF: (505) 325-5667



LAB: (505) 325-1556

Diesel Range Organics

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

Date: *12-Sep-96*
COC No.: *5004*
Sample No. *12086*
Job No. *2-1000*

Project Name: *PNM Gas Services - Jacquez #1 Landfarm: Sandoval Gas Com P&A*
Project Location: *9609101000; 6pt. Composite, 2"-12" depth*
Sampled by: *GC* Date: *10-Sep-96* Time: *10:00*
Analyzed by: *DC/HR* Date: *12-Sep-96*
Sample Matrix: *Soil*

Laboratory Analysis

<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Diesel Range Organics (C10 - C28)</i>	<i><5.0</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

Quality Assurance Report

DRO QC No.: 0489-QC

Calibration Check

<i>Parameter</i>	<i>Method Blank</i>	<i>Unit of Measure</i>	<i>True Value</i>	<i>Analyzed Value</i>	<i>% Diff</i>	<i>Limit</i>
<i>Diesel Range (C10 - C28)</i>	<i><5.0</i>	<i>ppm</i>	<i>100</i>	<i>104</i>	<i>4.2</i>	<i>15%</i>

Matrix Spike

<i>Parameter</i>	<i>1 - Percent Recovered</i>	<i>2 - Percent Recovered</i>	<i>Limit</i>	<i>%RSD</i>	<i>Limit</i>
<i>Diesel Range (C10-C28)</i>	<i>98</i>	<i>114</i>	<i>(70-130)</i>	<i>11</i>	<i>20%</i>

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

Approved by: *JCC*
Date: *9/12/96*

OFF: (505) 325-5667



LAB: (505) 325-1556

Diesel Range Organics

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

Date: *12-Sep-96*
COC No.: *5003*
Sample No. *12085*
Job No. *2-1000*

Project Name: *PNM Gas Services - Jaquez #1 Landfarm: Sandoval Gas Com A*
Project Location: *9609100945; 6pt. Composite, 2"-12" depth*
Sampled by: *GC* Date: *10-Sep-96* Time: *9:45*
Analyzed by: *DC/HR* Date: *12-Sep-96*
Sample Matrix: *Soil*

Laboratory Analysis

<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Diesel Range Organics (C10 - C28)</i>	<i><5.0</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

Quality Assurance Report

DRO QC No.: 0489-QC

Calibration Check

<i>Parameter</i>	<i>Method Blank</i>	<i>Unit of Measure</i>	<i>True Value</i>	<i>Analyzed Value</i>	<i>% Diff</i>	<i>Limit</i>
<i>Diesel Range (C10 - C28)</i>	<i><5.0</i>	<i>ppm</i>	<i>100</i>	<i>104</i>	<i>4.2</i>	<i>15%</i>

Matrix Spike

<i>Parameter</i>	<i>1 - Percent Recovered</i>	<i>2 - Percent Recovered</i>	<i>Limit</i>	<i>%RSD</i>	<i>Limit</i>
<i>Diesel Range (C10-C28)</i>	<i>98</i>	<i>114</i>	<i>(70-130)</i>	<i>11</i>	<i>20%</i>

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

Approved by: *[Signature]*
Date: *9/12/96*

OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

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

Date: *18-Jul-96*
COC No.: *4907*
Sample No.: *11540*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Jacques #1*
Project Location: *9607180800; 14' Middle of Pit*
Sampled by: *GC* Date: *18-Jul-96* Time: *8:00*
Analyzed by: *HR* Date: *18-Jul-96*
Sample Matrix: *Water*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
<i>Benzene</i>	<i>8.7</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Toluene</i>	<i>60.5</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i>16.7</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i>178.7</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i>28.8</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
	<i>TOTAL</i>	<i>293.5</i>		<i>ug/L</i>

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

Approved by: *[Signature]*
Date: *7/18/96*