

Denny E. Faust  
DEPUTY OIL & GAS INSPECTOR

District III  
1000 Rio Brazos Rd. Aztec, NM 87410  
OCT 19 1996

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

RECEIVED  
JUL 30 1996  
OIL CON. DIV.  
DIST. 3

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services ( SRC ) Telephone: 324-3764  
Address: 603 W. Elm Street Farmington, NM 87401  
Facility or Well Name: Pierce #2  
Location: Unit: K Sec. 30 T. 31 N R. 10 W County San Juan  
Pit Type: Separator Dehydrator ☒ Other  
Land Type: BLM ☒ State Fee Other No

Pit Location: Pit dimensions: length 15 width 15 depth 2  
(Attach diagram) Reference: wellhead ☒ other  
Footage from reference: 500'  
Direction from reference: 30 Degrees East North ☒  
West of South

<b>Depth to Ground Water:</b>	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	0
(Vertical distance from contaminants to seasonal high water elevation of ground water)			
<b>Wellhead Protection Area:</b>	Yes	(20 points)	
	No	(0 points)	0
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)			
<b>Distance to Surface Water:</b>	Less than 200 feet	(20 points)	
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	0
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)			
<b>RANKING SCORE (TOTAL POINTS):</b>			0

Date Remediation Started: \_\_\_\_\_

Date Completed: \_\_\_\_\_

Remediation Method:

Excavation \_\_\_\_\_

Approx. Cubic Yard \_\_\_\_\_

(Check all appropriate sections)

Landfarmed \_\_\_\_\_

Amount Landfarmed (cubic yds) \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location:

Onsite \_\_\_\_\_

Offsite \_\_\_\_\_

(i.e., landfarmed onsite, name and location of offsite facility)

Backfill Material Location: \_\_\_\_\_

General Description of Remedial Action:

No Remediation Necessary, Clean Closed

Ground Water Encountered:

No \_\_\_\_\_

Yes \_\_\_\_\_

Depth \_\_\_\_\_

Final Pit Closure  
Sampling:

Sample Location

3 pt. composite-3' depth

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

Sample depth

3'

Sample date

12/8/96

Sample time

2:30:00 PM

Sample Results

Benzene (ppm)

&lt;

0.0002

Total BTEX (ppm)

0.0026

Field headspace (ppm)

TPH

&lt;

25.00

Method

418.1

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

Risk Assessment form attached

Yes \_\_\_\_\_

No \_\_\_\_\_

Ground Water Sample:

Yes \_\_\_\_\_

No ☒

(If yes, attach sample results)

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

DATE

7-29-96

SIGNATURE

*Renner Beal*PRINTED NAME  
AND TITLE



# Unlined Surface Impoundment Assessment Form

Site Information:

Well Name:	Pierce 2				Vulnerable Area:	<input type="checkbox"/> Original <input checked="" type="checkbox"/> Expanded <input type="checkbox"/> Extended <input type="checkbox"/> Other
Operator:	SRC				Date:	12/16/95
Legal Description:	Sec: 30	Twn: 31	Range: 10	Unit: K	Time:	2:30 AM/PM
Meter #:	4161-21 MV PNM				Well Pad Dimensions:	L 600 W 100
	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N				Canyon:	Hart Cyn
					Quad Map (#):	AZTEC
					Site:	<input checked="" type="checkbox"/> Active <input type="checkbox"/> Abandoned <input type="checkbox"/> P & A <input type="checkbox"/> Temp. Disconnected
					Dehydrator/Separator/Drip:	<input type="checkbox"/> Dehydrator <input checked="" type="checkbox"/> Drip <input checked="" type="checkbox"/> Separator <input type="checkbox"/> None Other Discharges

Pit Information:

PNM Pit #1:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	VDW	40	OCD Rank:	Score	OVM	0 ppm
Pit Dimensions:		HDW	800	Depth to Water	20	Testhole Depth	3'
DH <input type="checkbox"/> ? SEP <input type="checkbox"/> ? DR <input type="checkbox"/>		Water Sources		W/H Prot. Area	0	Soil Desc.	Clean
L 15 W 15 D 2		<input type="checkbox"/> Water Well		Dist to Surf. Water	10	<input type="checkbox"/> Active <input type="checkbox"/> SAT	
Ref. WH <input checked="" type="checkbox"/> Other		<input checked="" type="checkbox"/> Listed Canyon		Total	30	<input checked="" type="checkbox"/> Inactive <input type="checkbox"/> Inaccessible	
Distance from Ref.	500'	<input type="checkbox"/> Stock Pond				Fenced <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Degrees:	30° W of N	<input type="checkbox"/> Other				Birdcones <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> No	
Lab Sample	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sample #(s):	9512061430		COC#: 3682		

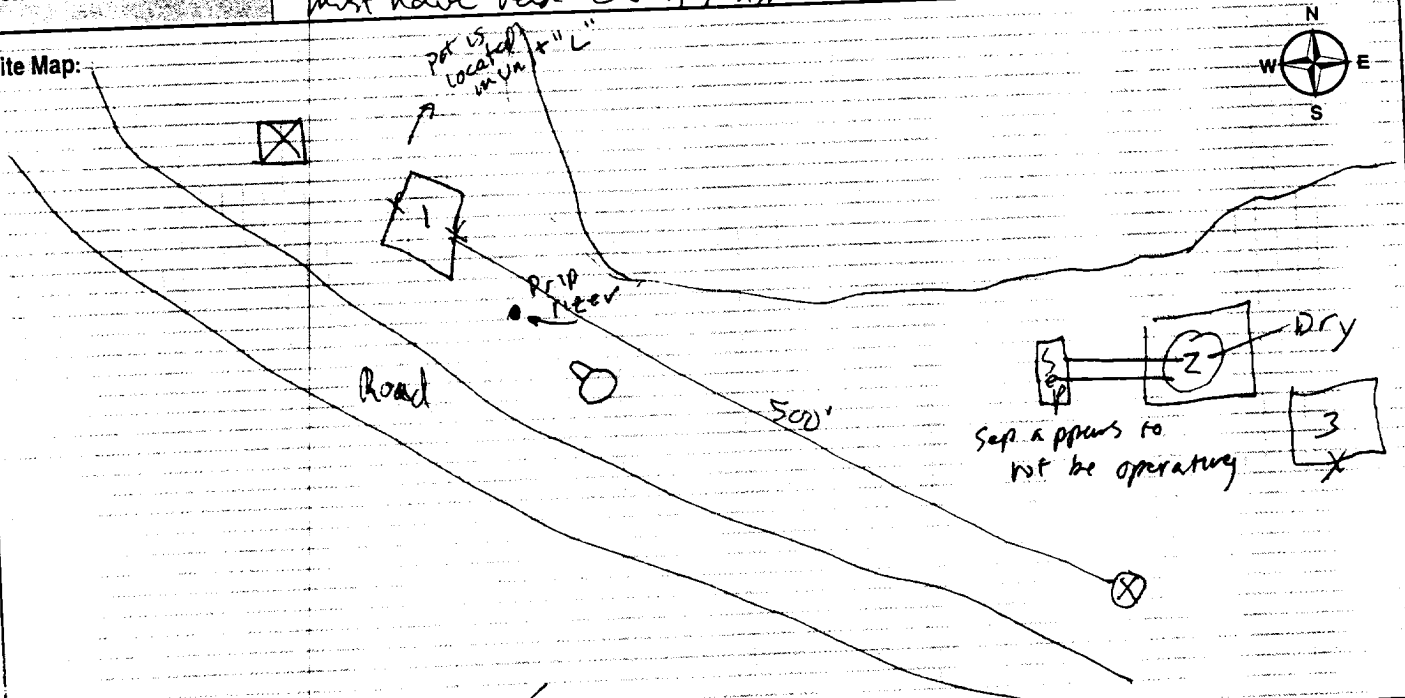
Geographical:

Geology:	<input checked="" type="checkbox"/> SS <input checked="" type="checkbox"/> Clay <input type="checkbox"/> Sand <input type="checkbox"/> Outcrop <input checked="" type="checkbox"/> Rock <input checked="" type="checkbox"/> Gravel <input type="checkbox"/> Cliffs <input type="checkbox"/> Silt <input type="checkbox"/> Other	Terrain:	<input type="checkbox"/> Mesa Top <input checked="" type="checkbox"/> Trailing Slope <input type="checkbox"/> River Bottom <input type="checkbox"/> Other	Land Use:	<input type="checkbox"/> Grazing <input type="checkbox"/> Residential <input checked="" type="checkbox"/> Recreation <input type="checkbox"/> Other Target Practice	Land Type:	<input type="checkbox"/> BLM <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Other	Vegetation:	Well Pad <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Stressed <input type="checkbox"/> None Area <input checked="" type="checkbox"/>
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General Comments:

Pit 3 Not PNM Pit. Drip Not tested, No Pit to test. Pit #1 may have had Equip, Assumed to be PNM Pit

Site Map:



Assessor's Signature:

*[Signature]*

Date:

12/16/95

OFF: (505) 325-8786



LAB: (505) 325-5667

### TOTAL PETROLEUM HYDROCARBONS

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

Date: *8-Dec-95*  
COC No.: *3682*  
Sample No. *9545*  
Job No. *2-1000*

Project Name: *PNM Gas Services - Pierce 2*  
Project Location: *9512061430*  
Sampled by: *RH*  
Analyzed by: *DC*  
Type of Sample: *Soil*

Date: *6-Dec-95* Time: *14:30*  
Date: *8-Dec-95*

#### Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>9545-3682</i>	<i>PNM Gas Services - Pierce 2</i> <i>9512061430</i>	<i>&lt; 25 mg/kg</i>

#### Quality Assurance Report

Laboratory Identification	Analyzed Value	Acceptable Range	Units of Measure
<i>Laboratory Fortified Blank Soil - QCBS1</i>	<i>40</i>	<i>22 - 46</i>	<i>mg/kg</i>
<i>Laboratory Fortified Spike Soil - QCSS1</i>	<i>910</i>	<i>828 - 1024</i>	<i>mg/kg</i>

**Method** - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *JaX*

Date: *12/8/95*

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OFF: (505) 325-8786



LAB: (505) 325-5667

### AROMATIC VOLATILE ORGANICS

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

Date: *11-Dec-95*  
COC No.: *3682*  
Sample No. *9545*  
Job No. *2-1000*

Project Name: *PNM Gas Services - Pierce 2*  
Project Location: *9512061430*  
Sampled by: *RH* Date: *6-Dec-95* Time: *14:30*  
Analyzed by: *DC* Date: *8-Dec-95*  
Type of Sample: *Soil*

#### Aromatic Volatile Organics

Component	Result	Units of Measure	Detection Limit	Units of Measure
<i>Benzene</i>	<i>&lt;0.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Toluene</i>	<i>&lt;0.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Ethylbenzene</i>	<i>&lt;0.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>m,p-Xylene</i>	<i>2.6</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>o-Xylene</i>	<i>&lt;0.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
	<i>TOTAL</i>	<i>2.6</i>		<i>ug/kg</i>

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

Approved by: *Jack*  
Date: *12/11/95*

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