

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

*Denny E. Faust*  
**DEPUTY OIL & GAS INSPECTOR**

FEB 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

**RECEIVED**  
OCT 31 1996

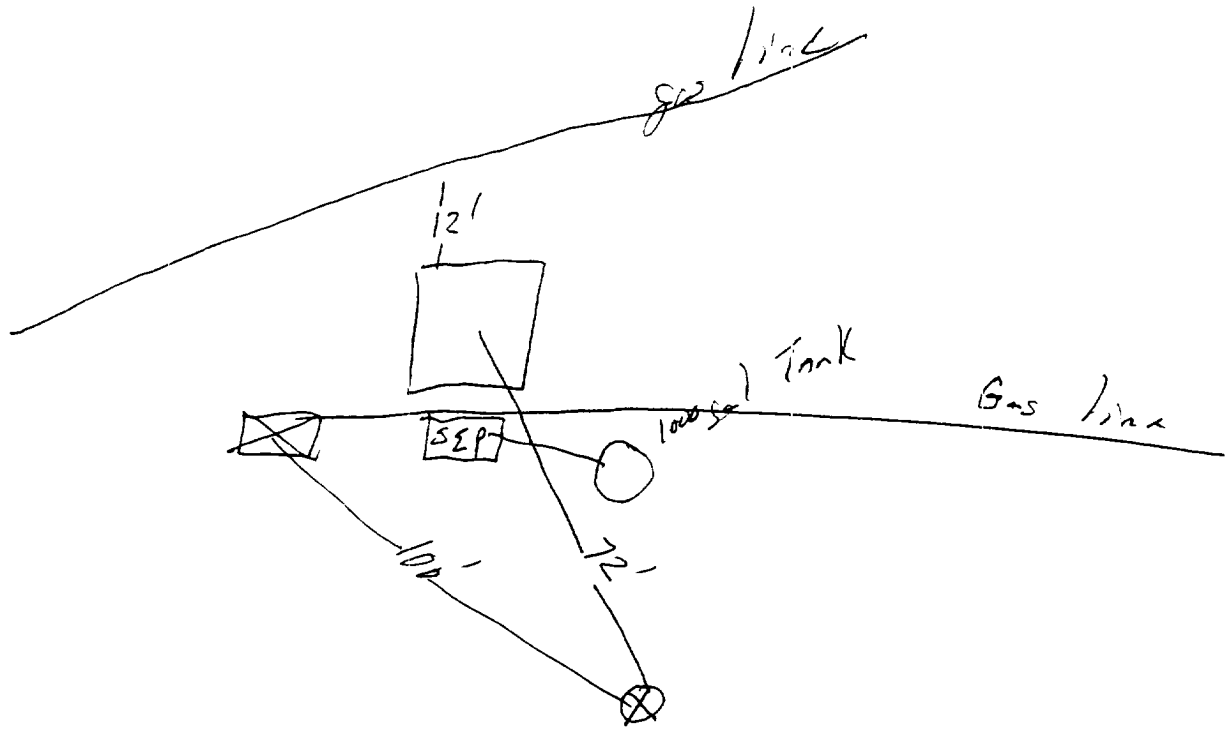
**OIL CON. DIV.**  
DIST. 3

**PIT REMEDIATION AND CLOSURE REPORT**

<b>Operator:</b> PNM Gas Services ( SRC )		<b>Telephone:</b> 324-3764	
<b>Address:</b> 603 W. Elm Street Farmington, NM 87401			
<b>Facility or Well Name:</b> Reid #12			
<b>Location:</b>	Unit: I	Sec. 19	T. 28 N R. 9 W County San Juan
<b>Pit Type:</b>	Separator <input checked="" type="checkbox"/>	Dehydrator <input type="checkbox"/>	Other <input type="checkbox"/>
<b>Land Type:</b>	BLM <input type="checkbox"/>	State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/> Other <input type="checkbox"/>
<b>Pit Location:</b>	Pit dimensions: length 15 ' width 15 ' depth 3 '		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other <input type="checkbox"/>		
	Footage from reference: 50'		
	Direction from reference: 15 Degrees <input type="checkbox"/> East <input checked="" type="checkbox"/> North <input type="checkbox"/> South <input type="checkbox"/> West <input checked="" type="checkbox"/>		
<b>Depth to Ground Water:</b>	Less than 50 feet 50 feet to 99 feet Greater than 100 feet		(20 points) (10 points) ( 0 points) 10
(Vertical distance from contaminants to seasonal high water elevation of ground water)			
<b>Wellhead Protection Area:</b>	Yes No		(20 points) ( 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 200 feet to 1,000 feet Greater than 1,000 feet		(20 points) (10 points) ( 0 points) 0
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)			
<b>RANKING SCORE (TOTAL POINTS):</b>			10

<b>Date Remediation Started:</b> _____		<b>Date Completed:</b> _____		
<b>Remediation Method:</b>  (Check all appropriate sections)	Excavation _____	Approx. Cubic Yard _____		
	Landfarmed _____	Amount Landfarmed (cubic yds) _____		
	Other _____			
<b>Remediation Location:</b> Onsite _____ Offsite _____ (i.e., landfarmed onsite, name and location of offsite facility)				
<b>Backfill Material Location:</b> _____				
<b>General Description of Remedial Action:</b> No Remedial action necessary. Lab results below OCD/BLM Standards.				
_____ _____ _____ _____ _____				
<b>Ground Water Encountered:</b> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Depth _____				
<b>Final Pit Closure Sampling:</b>				
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample Location	3 pt. composite _____		
	Sample depth	9' _____		
	Sample date	8/19/96	Sample time	1:30:00 PM
	Sample Results			
	Benzene (ppm) 0.004 Total BTEX (ppm) 0.0028 Field headspace (ppm) _____ TPH < 5.00 Method 8015A			
Vertical Extent (ft) _____		Risk Assessment form attached Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
<b>Ground Water Sample:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		(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 October 25, 1996 SIGNATURE <i>Maureen Gannon</i>		PRINTED NAME Maureen Gannon AND TITLE Environmental Engineer		

15° W-N



west wall pit edge next to gas  
line & separator.

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: *21-Aug-96*  
 COC No.: *4974*  
 Sample No. *11825*  
 Job No. *2-1000*

Project Name: *PNM Gas Services - Reid #12*  
 Project Location: *9608191330; 3pt. Composite, 9' depth*  
 Sampled by: *GC* Date: *1 -Aug-96* Time: *13:30*  
 Analyzed by: *DC* Date: *2 -Aug-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>&lt;5.0</i>	<i>ng/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>&lt;5.0</i>	<i>ppm</i>	<i>100</i>	<i>107</i>	<i>7.2</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>88</i>	<i>101</i>	<i>(70-130)</i>	<i>10</i>	<i>20%</i>

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

Approved by: *[Signature]*  
 Date: *8/21/96*

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: *21-Aug-96*  
COC No.: *4974*  
Sample No.: *11825*  
Job No.: *2-1000*

Project Name: *PNM Gas Services - Reid #12*  
Project Location: *9608191330; 3pt. Composite, 9' depth*  
Sampled by: *GC* Date: *19-Aug-96* Time: *13:30*  
Analyzed by: *DC* Date: *21-Aug-96*  
Sample Matrix: *Soil*

#### Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene	0.4	ug/kg	0.2	ug/kg
Toluene	3.1	ug/kg	0.2	ug/kg
Ethylbenzene	17.1	ug/kg	0.2	ug/kg
m,p-Xylene	52.0	ug/kg	0.2	ug/kg
o-Xylene	20.2	ug/kg	0.2	ug/kg
TOTAL		92.8	ug/kg	

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

Approved by: *Jack*  
Date: *8/21/96*