

<b>Operator:</b> PNM Gas Services ( Amoco )		<b>Telephone:</b> 324-3764	
<b>Address:</b> 603 W. Elm Street Farmington. NM 87401			
<b>Facility or Well Name:</b> Jacquez #2			
<b>Location:</b>			
Unit:	A	Sec.	25
T.	30 N	R.	9 W
County	San Juan		
<b>Pit Type:</b>			
Separator		Dehydrator	✓
Other	No		
<b>Land Type:</b>			
BLM		State	
Fee	✓		
Other	No		
<b>Pit Location:</b>			
Pit dimensions:	length	14	width
			13
			depth
			3
(Attach diagram)			
Reference:	wellhead	✓	
	other		
Footage from reference:		118'	
Direction from reference:		90 Degrees	
	✓	East	North
			✓
		West	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)	
(Vertical distance from contaminants to seasonal high water elevation of ground water)		10	
<b>Wellhead Protection Area:</b>			
Yes		(20 points)	
No		( 0 points)	
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)		0	
<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)	
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)		0	
<b>RANKING SCORE (TOTAL POINTS):</b>		10	

Date Remediation Started: 9/16/94 Date Completed: 11/16/94

Remediation Method: Excavation ☒ Approx. Cubic Yard 256  
(Check all appropriate sections) Landfarmed ☒ Amount Landfarmed (cubic yds) 256  
Other

Remediation Location: Onsite ☒ 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 27'x16'x16' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil will be aerated by plowing/disking until soil meets regulatory levels.

Ground Water Encountered: No ☒ Yes ☐ Depth

Final Pit Closure Sampling: Sample Location Center of pit bottom

(if multiple samples, attach sample result and diagram of sample locations and depths.) Sample depth 19'

Sample date 11/16/94 Sample time 1:30:00 PM

Sample Results

Benzene (ppm) ND

Total BTEX (ppm) 0.6196

Field headspace (ppm)

TPH 28.40 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

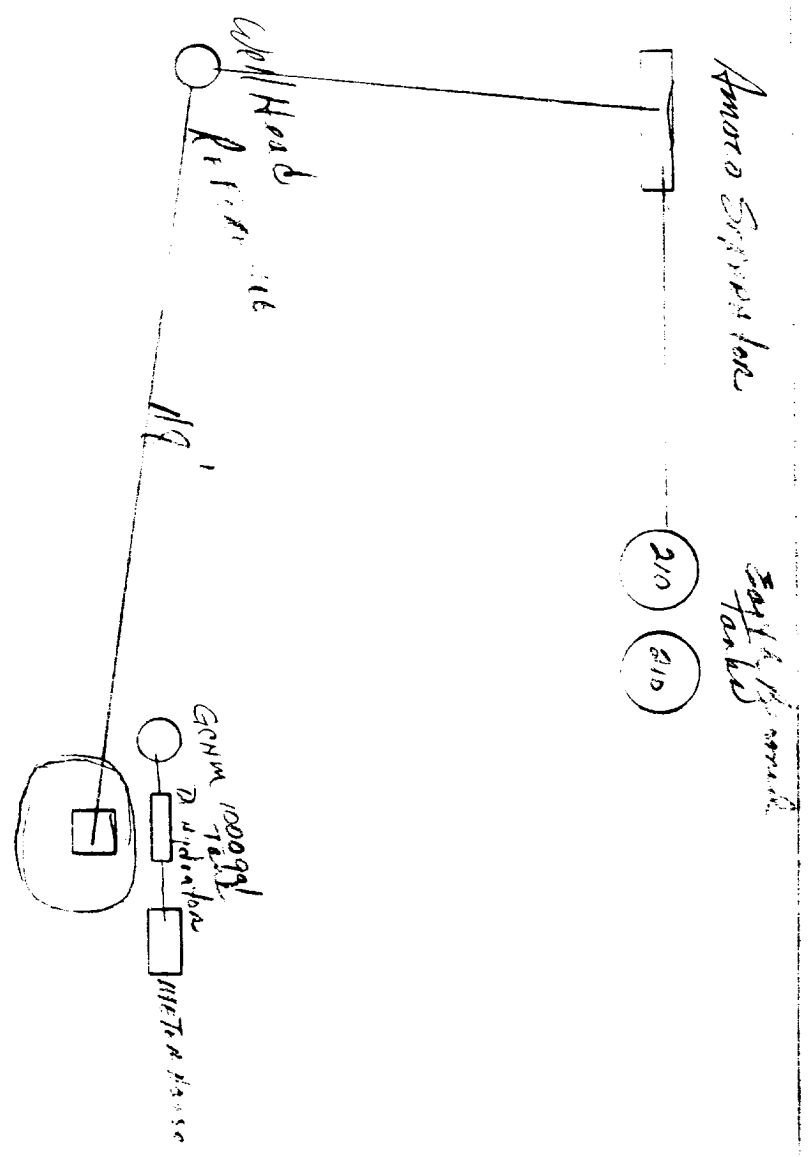
DATE 7-26-96

SIGNATURE *Deanne Beards*

PRINTED NAME  
AND TITLE

Amorphous  
 In fiber #2  
 Sec. 25  
 + 20m  
 p in

LAND FARM



# VOLATILE AROMATIC HYDROCARBONS

## Gas Company of New Mexico

Project ID: Pit Pilot Project  
Sample ID: JAQ2 - 1 - EX  
Lab ID: 0438  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Intact

Report Date: 11/23/94  
Date Sampled: 11/15/94  
Date Received: 11/16/94  
Date Extracted: 11/22/94  
Date Analyzed: 11/22/94

Target Analyte	Concentration (ug/kg)	Detection Limit (ug/kg)
Benzene	ND	8.14
Toluene	58.6	8.14
Ethylbenzene	ND	8.14
m,p-Xylenes	423	16.3
o-Xylene	138	8.14

ND - Analyte not detected at the stated detection limit.

<b>Quality Control:</b>	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	114	81 -117%
	Bromofluorobenzene	101	74 -121%

**Reference:** Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics;  
Test Methods for Evaluating Solid Wastes, SW-846, United States  
Environmental Protection Agency, Final Update I, July, 1992.

**Comments:**

  
Analyst

  
Review

# TOTAL PETROLEUM HYDROCARBONS

EPA Method 418.1

## Gas Company of New Mexico

Project ID: Pit Pilot Project  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Intact

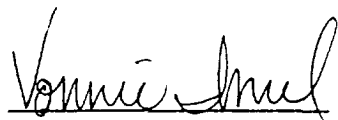
Report Date: 11/28/94  
Date Sampled: 11/16/94  
Date Received: 11/16/94  
Date Extracted: 11/23/94  
Date Analyzed: 11/23/94

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Jaques 2 1 - EX	0438	28.4	24.6

ND- Analyte not detected at the stated detection limit.

**Reference:** Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste, SW-846, United States Environmental Protection Agency, September, 1986;  
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of Water and Waste, United States Environmental Protection Agency, 1978.

### Comments:

  
Analyst

  
Review



OFF: (505) 325-8786

LAB: (505) 325-5667

**TOTAL PETROLEUM HYDROCARBONS**

Attn: *Denver Bearden*  
Company: *Gas Company of New Mexico*  
Address: *P.O. Box 1899*  
City, State: *Bloomfield, NM 87413*

Date: 10/13/94  
Lab ID: 2119  
Sample No. 3537  
Job No. 2-1121

Project Name: **Jacques 2**  
Project Location: **LF 1**  
Sampled by: JH  
Analyzed by: DLA  
Type of Sample: *Soil*

Date: 10/11/94 Time: 15:35  
Date: 10/13/94

**Laboratory Analysis**

<b>Laboratory Identification</b>	<b>Sample Identification</b>	<b>Total Petroleum Hydrocarbons</b>
3537-2119	Jacques 2 LF 1	34 mg/kg

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

Approved by: *[Signature]*

Date: 10/13/94

P. O. BOX 2606 • FARMINGTON, NM 87499

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OFF: (505) 325-8786

LAB: (505) 325-5667

**AROMATIC VOLATILE ORGANICS**

Attn: *Denver Bearden*  
Company: *Gas Company of New Mexico*  
Address: *P.O. Box 1899*  
City, State: *Bloomfield, NM 87413*

Date: *10/13/94*  
Lab ID: *2119*  
Sample ID: *3537*  
Job No. *2-1121*

Project Name: *Jacques 2*  
Project Location: *LF 1*  
Sampled by: *JH*      Date: *10/11/94*  
Analyzed by: *DLA*      Date: *10/13/94*  
Sample Matrix: *Soil*

Time: *15:35*

**Aromatic Volatile Organics**

<b>Component</b>	<b>Measured Concentration ug/kg</b>	<b>Detection Limit Concentration ug/kg</b>
<i>Benzene</i>	<i>7.2</i>	<i>0.2</i>
<i>Toluene</i>	<i>24.7</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>46.3</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>198.4</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>56.3</i>	<i>0.2</i>
	<i>TOTAL 332.9 ug/kg</i>	

*ND - Not Detectable*

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

Approved by: *[Signature]*

Date: *10/13/94*

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