

District III OCT 19 1996

State of New Mexico
Energy, Minerals and Natural Resources Department



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

#### OIL CONSERVATION DIVISION

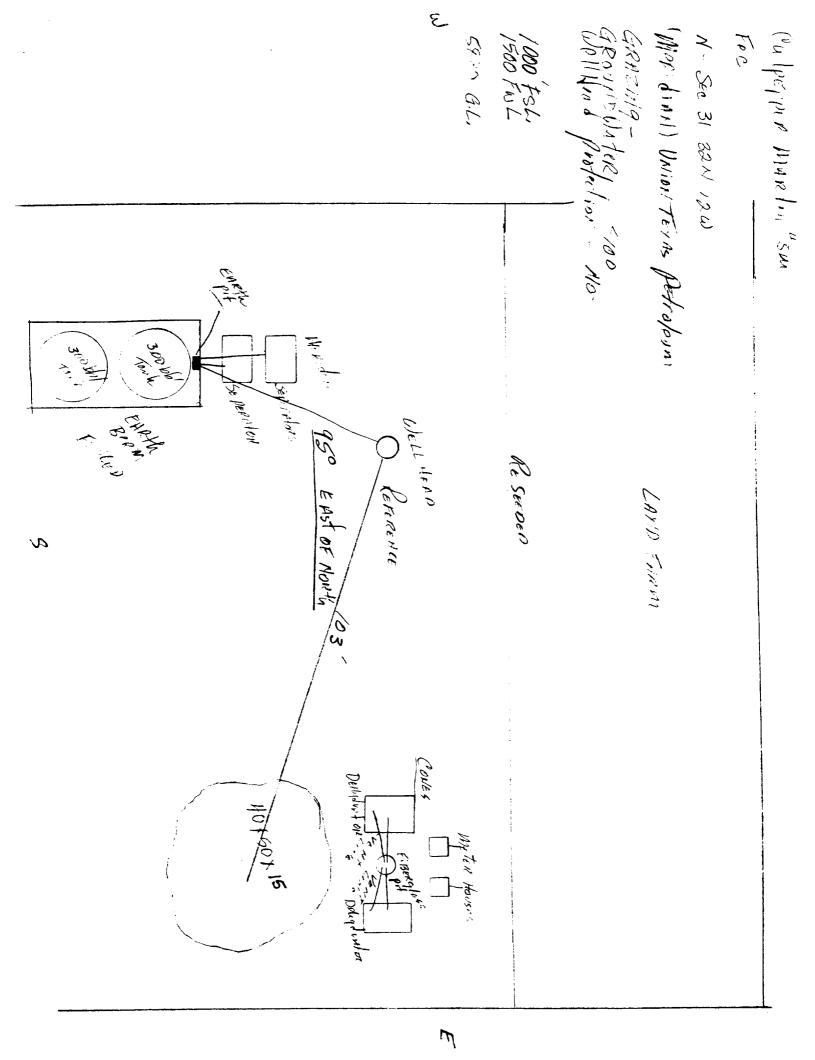
2040 South Pacheco Street Santa Fe, New Mexico 87505



# PIT REMEDIATION AND CLOSURE REPORT

Operator:	PNI	M Gas Services ( Meridian	Telephone:	324-3764		
Address:	603 W. E	Elm Street Farmington, NM 874	401			
Facility or We	ell Name:	Culpepper Martin #5M				
Location:	Unit:	M Sec.	31 T. 32 N R	County	San Juan	_
Pit Type:	Separa	tor Dehydrat	or 🗸 Other	No No	···-	
Land Type:	BLM	State	Fee 🗸 Other	r <u>No</u>		
Pit Location:	-	Pit dimensions: length	15 ' width	12 ' depth	3 '	
(Attach diagran	n)	Reference: wellhead	other			
		Footage from reference: 103'				_
		Direction from reference: 95	Degrees 🗸	East North	¥.	
				of West South		
Depth to Grou	ınd Wate	r:	Less than 50 feet 50 feet to 99 feet Greater than 100 feet		(20 points) (10 points) ( 0 points)	10
(Vertical distance from or seasonal high water eleva water			5,000,000		( o points)	
Wellhead Prot	tection A	rea:	Yes		(20 points)	
(Less than 200 feet from domestic water source, o feet from all other water	r; less than 1,00	)	No		( 0 points)	
Distance to Su		ater:	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 p ponds, rivers, streams, cr canals and ditches			RANKING SCORE	(TOTAL POINTS)		10

Date Remediation Started:	8/29/94	Date Completed: 10/21/94
Remediation Method:	Excavation	X Approx. Cubic Yard 1259
(Check all appropriate	Landfarmed	X Amount Landfarmed (cubic yds) 1259
sections)	Other	
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite	X Offsite
Backfill Material Location:		
General Description of Ren	nedial Action:	
Excavated contaminated soil to aerated by plowing/disking until	pit size of 40'x50'x1	17' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil will be
	soli meets regulatol	ry levels.
Ground Water Encountere	d: No	Yes Depth
Final Pit Closure Sampling:	Sample Locatio	on Four side walls of pit excavation
(if multiple samples, attach sample result and diagram of	Sample depth	17'
sample locations and depths.)	Sample date	9/2/94 Sample time 11:14:00 AM
	Sample Results	
	Benzen	ne (ppm) 0.0133
	Total B	BTEX (ppm) 0.4640
	Field he	eadspace (ppm)
	ТРН	71.00 Method 418.1
Ver <b>tic</b> al Extent (ft)		Risk Assessment form attached Yes No
Ground Water Sample:	Yes	No (If yes, attach sample results)
I HEREBY CERTIFY THA KNOWLEDGE AND MY I		IATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY
DATE 7-26-9 SIGNATURE DEM	ur Bear	PRINTED NAME AND TITLE





### AROMATIC VOLATILE ORGANICS

Attn:

Denver Bearden

Date:

9/7/94

Company: Gas Company of New Mexico

Lab ID:

2038

Address:

P.O. Box 1899

Sample ID:

2849

City, State: Bloomfield, NM 87413

Job No.

2-1000

Project Name:

Culpepper Martin 5M

Project Location:

3 - SW - EX - CM5M

Sampled by:

DB DLA Date: Date: 9/2/94 9/6/94 Time:

11:18

Analyzed by: Sample Matrix:

Soil

#### Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
Benzene	13.3	0.2
Toluene	69	0.2
Ethylbenzene	110	0.2
m,p-Xylene	237	0.2
o-Xylene	33.8	0.2
	TOTAL 464 ug/kg	

ND - Not Detectable

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

Approved by:

Date:



### TOTAL PETROLEUM HYDROCARBONS

Attn:

Denver Bearden

Date:

9/7/94

Company: Gas Company of New Mexico

Lab ID:

2038

Address:

P.O. Box 1899

City, State: Bloomfield, NM 87413

Sample No. Job No.

2849 2-1000

Project Name:

Culpepper Martin 5M

**Project Location:** 

3 - SW - EX CM5M

Sampled by:

DB

Date: Date: 9/2/94 Time:

9/7/94

11:18

Analyzed by: Type of Sample:

DC Soil

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
	Culpepper Martin 5M	
2849-2038	3-SW-EX CM5M	71 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:



# TOTAL PETROLEUM HYDROCARBONS

Attn:

Denver Bearden

Date:

9/7/94

Company: Gas Company of New Mexico

Lab ID:

2038

Address:

P.O. Box 1899

Sample No.

2852

City, State: Bloomfield, NM 87413

Job No.

2-1000

Project Name:

Culpepper Martin 5M

**Project Location:** 

CM5M LF - 1

Sampled by:

DB

Date: Date: 9/1/94 Time:

14:22

Analyzed by:

Type of Sample:

DC Soil 9/7/94

# Laboratory Analysis

Laboratory		Total Petroleum
Identification	Sample Identification	Hydrocarbons
	Culpepper Martin 5M	
2852-2038	CM5M LF - 1	31 <i>mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: Date:



# AROMATIC VOLATILE ORGANICS

Attn:

Denver Bearden

Date:

9/7/94

Company: Gas Company of New Mexico

Lab ID:

2038

Address:

P.O. Box 1899

Sample ID:

2852

City, State: Bloomfield, NM 87413

Job No.

2-1000

Project Name:

Culpepper Martin 5M

**Project Location:** Sampled by:

**CM5M LF - 1** 

DB

Date: Date:

9/1/94 9/6/94 Time:

14:22

Analyzed by: Sample Matrix: DLA Soil

## Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
Benzene	3.7	0.2
Toluene	27.1	0.2
Ethylbenzene	22.9	0.2
m,p-Xylene	318.3	0.2
o-Xylene	19.7	0.2
	TOTAL 391.7 ug/kg	

ND - Not Detectable

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

Approved by: 9/7/94