District I Service S. Fourt
P O Box 1960 Hobbs NV

District BEPUTY OIL & GAS INSPECTOR
P O. Drawer DD. Artesia, NM 88221

District III FEB 28 1997

State of New Mexico Energy, Minerals and Natural Resources Department SUBMIT I COPY TO APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

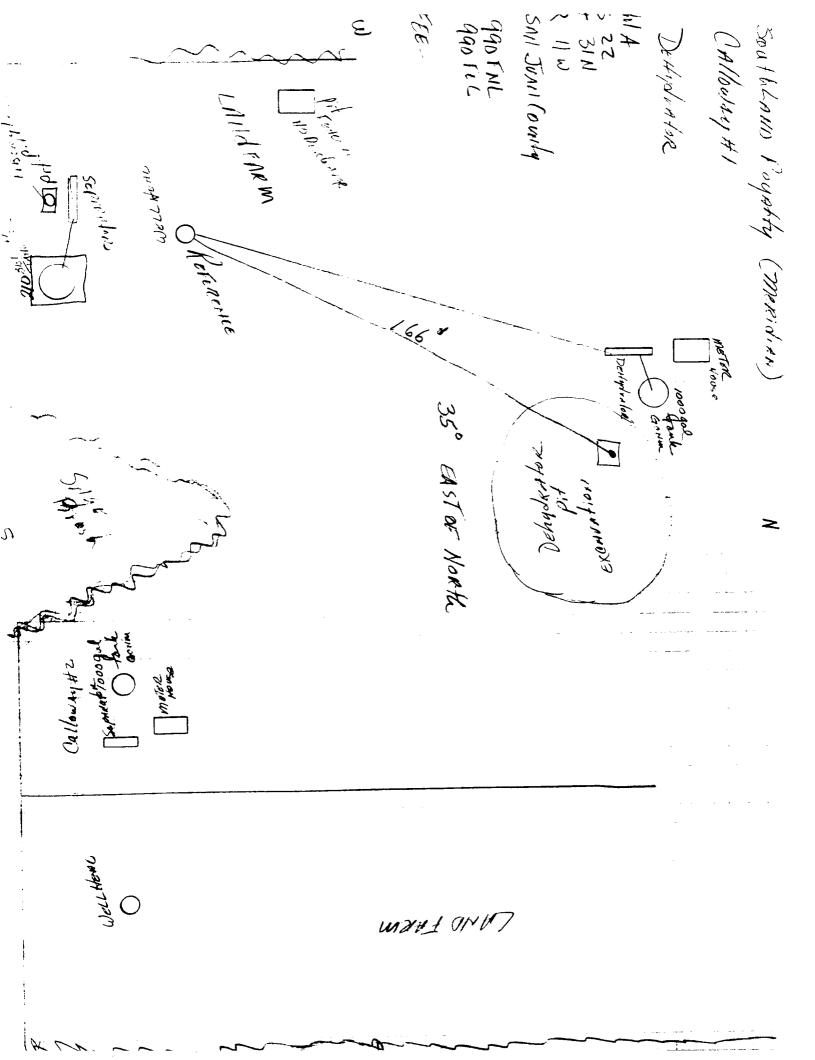
OIL CONSERVATION DIVISION

2040 South Pacheco Street Santa Fe. New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

Operator:	PNM Gas Services (SRC) Telephone: 324-3764	
Address:	603 W. Elm Street Farmington, NM 87401	_
Facility or W	ell Name: Calloway #1	-
Location:	Unit: A Sec. 22 T. 31 N R. 11 W County San Juan	-
Pit Type:	Separator Other	-
Land Type:	BLM State Other	
Pit Location:	Pit dimensions: length 12 width 12 depth 3.5	
(Attach diagra	n) Reference: wellhead 👱 other	_
	Footage from reference: 166'	
	Direction from reference: 35 Degrees East North	
	of West South	
Depth to Gro (Vertical distance from seasonal high water ele	Greater than 100 feet (0 points)	0
Wellhead Pro	rtection Area: Yes No (20 points) No (0 points)	0
domestic water source feet from all other wat	Less than 200 feet (20 points)	
(Horizontal distance to ponds, rivers, streams, canals and ditches	200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points)	0
•	AND THE PARTY OF T	-

Date Remediation Started:	9/8/94		Date Comp	leted:	7/95
Remediation Method:	Excavation	Х	Approx. Cul	oic Yard	1010
(Check all appropriate	Landfarmed	<u>X</u>	Amount Lar	ndfarmed (cubic yds	5) 1010
sections)	Other	***	-		
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite	<u>X</u>	Offsite		
Backfill Material Location:					
General Description of Ren	nedial Action:				
Excavated contaminated soil an until soil meets regulatory levels	d landfarmed soil or	nsite within a bermo	ed area at a depth of 6" to	12". Soil will be aerate	ed by plowing/disking
-					
Ground Water Encountere	d: No	Y	Yes	Depth	
Final Pit Closure Sampling:	Sample Locatio	n Center of	pit bottom		
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth	12.5'			
sample locations and depths.)	Sample date	11/15	/94 Sample	time 1	1:30:00 AM
	Sample Results				
	Benzen	e (ppm)	ND		
	Total B	STEX (ppm)	0.2246		
	Field he	adspace (ppm)			
	ТРН	83.70	Method	418.1	
Vertical Extent (ft)		. Risk	Assessment form attac	hed Yes	No 🗸
Ground Water Sample:	Yes	No	<u> </u>	(If yes, attach sam	ple results)
I HEREBY CERTIFY THA KNOWLEDGE AND MY I		IATION ABOVE	E IS TRUE AND COMI	PLETE TO THE BE	EST OF MY
DATE October 25. SIGNATURE	1996 Una		AND COURT E	Maureen Gannon Environmental Engine	eer





VOLATILE AROMATIC HYDROCARBONS

Gas Company of New Mexico

Project ID:

Pit Pilot Project

Report Date:

11/28/94

Sample ID:

C - 1 - B - EX

Date Sampled:

11/15/94

Lab ID:

0437 Soil

Date Received: Date Extracted: 11/16/94

Sample Matrix: Preservative:

Cool

Date Analyzed:

11/22/94 11/23/94

Condition:

Intact

√¶arget Analyte	Concentration (ug/kg)	Detection Limit
Benzene	ND	9.86
Toluene	25.0	9.86
Ethylbenzene	ND	9.86
m,p-Xylenes	137	19.7
o-Xylene	62.6	9.86

ND - Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

Percent Recovery

Acceptance Limits

Trifluorotoluene Bromofluorobenzene 107 109

81 -117% 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:

Emig Boh

Jahtin Aylife



TOTAL PETROLEUM HYDROCARBONS EPA Method 418.1

Gas Company of New Mexico

Project ID:

Pit Pilot Project

Sample Matrix:

Soil

Preservative: Condition:

Cool Intact Report Date:

11/28/94

Date Sampled:

11/16/94

Date Received:

Date Extracted:

11/16/94

Date Extracted.

11/23/94

Date Analyzed:

11/23/94

Sample ID	Lab ID.	Concentration (mg/kg)	Detection Limit (mg/kg)
Calloway 1 B - EX	0437	83.7	24.9
Calloway 1 N W - EX	0441	35.4	25.0
Calloway 1 LF	0442	ND	24.9

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

Durie Pro



TOTAL PETROLEUM HYDROCARBONS

Attn:

Denver Bearden

Date:

9/22/94

Company: Gas Company of New Mexico

Lab ID:

2103

Address:

P.O. Box 1899

Sample No.

3134

City, State: Bloomfield, NM 87413

Job No.

2-1000

Project Name:

Calloway 1 Landfarm

Project Location:

LF 1

JH

Date:

9/21/94 Time:

8:30

Sampled by: Analyzed by:

DA

Date:

9/22/94

Type of Sample:

Soil

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
	Calloway 1 Landfarm	
3134-2103	LF 1	165 <i>mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: Date:



AROMATIC VOLATILE ORGANICS

Attn:

Denver Bearden

Date:

9/22/94

Company: Gas Company of New Mexico - Kutz Plant

Lab ID:

2103

Address:

Sample ID:

3134

P.O. Box 1899

City, State: Bloomfield, NM 87413

Job No.

2-1000

Project Name:

Calloway 1 Landfarm

Project Location:

LF 1 JH

Date: Date:

9/21/94 9/21/94 Time:

8:30

Sampled by: Analyzed by: Sample Matrix:

DLA

Soil

Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
Benzene	4.0	0.2
Toluene	37.0	0.2
Ethylbenzene	5.9	0.2
m,p-Xylene	88.1	0.2
o-Xylene	14.9	0.2
	TOTAL 149.9 ug/kg	

ND - Not Detectable

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

Approved by: