District II DISTRICT AGIL & GAS INSPECTOR

District III 1000 Rio Brazos Rd A Fage NO 8810997 State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street Santa Fe, New Mexico 87505

PECELYED OCT 3 1 1953

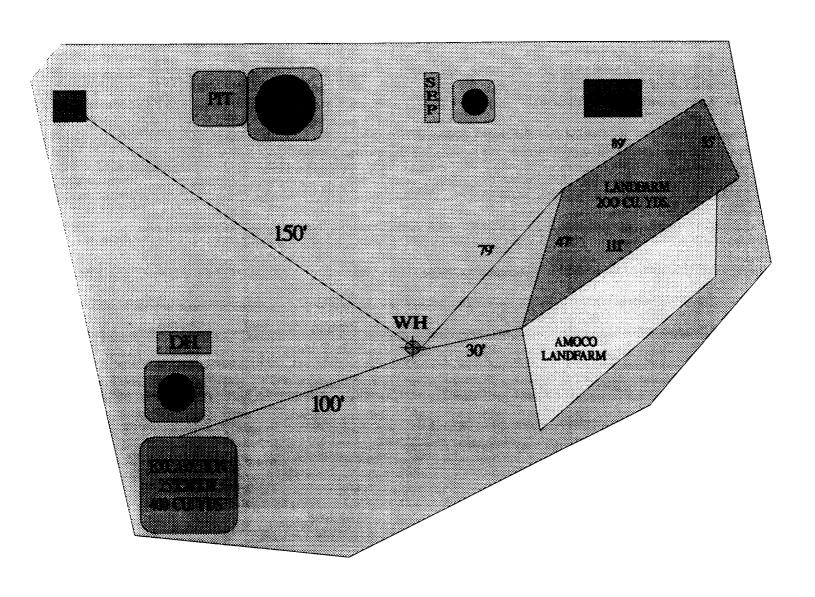
PIT REMEDIATION AND CLOSURE REPORT

-14/1	the Control of the Co		OH SOM, DAY,
Operator:	PNM Gas Services (Amoco)	Telephone: 324-3764	
Address:	603 W. Elm Street Farmington, NM 87401		
Facility or We	I Name: Fiorance #19A		
Location:	Unit: P Sec. 3	T. 30 N R. 9 W	County San Juan
Pit Type:	Separator Dehydrator	Other	
Land Type:	BLM State Fee	Other	
Pit Location:	Pit dimensions: length 18	width 18	depth 4
(Attach diagram) Reference: wellhead 👱	other	
	Footage from reference: 100'		
	Direction from reference: 90 De	grees East	North <u>*</u>
		of West	South
Depth to Grou	iu water.	Less than 50 feet 50 feet to 99 feet	(20 points) (10 points) (0 points) 0
(Vertical distance from co seasonal high water elevat water	ntaminants to	tter than 100 feet	(0 points) 0
Wellhead Prot	ection Area:		
(Less than 200 feet from a domestic water source, or feet from all other water s	less than 1,000	Yes No	(20 points) (0 points) 0
Distance to Su	20 rennial lakes.	Less than 200 feet 0 feet to 1,000 feet ater than 1,000 feet	(20 points) (10 points) (0 points) 0
ponds, rivers, streams, cre canals and ditches		NKING SCORE (TOTAL F	POINTS):

Date Remediation Started:	6/26/96		_ Date Com	pleted:	7/8/96
Remediation Method:	Excavation	X	_ Approx. C	ubic Yard	400
(Check all appropriate	Landfarmed	X	Amount L	andfarmed (cubic	yds) <u>400</u>
sections)	Other				
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite	200 cu. yds	Offsite	Florance #122 (Pacu. yds	&A) 10-30N-09W-200
Backfill Material Location:	:				
General Description of Ren	nedial Action:				
Excavated contaminated soil to	pit size of 25'x24'x	18' and landfarmed soil onsi	e/offsite within a	a bermed area at a d	epth of 6" to 12". Soil
was aerated by plowin/disking ι	ıntıl soil met regulat	ory levels.			
Ground Water Encountere	ed: No	Yes		Depth	
			_		
Final Pit Closure Sampling:	Sample Location	5 pt. composite- 4	side walls and c	enter of pit bottom	
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth	18'		-	
sample locations and deputs.)	Sample date	6/27/96	Samp	le time	12:35:00 PM
	Sample Results	S			
	Benze	ne (ppm)	0.0456		
	Total I	BTEX (ppm)	29.6893		
	Field h	eadspace (ppm)			
	ТРН	103.10	Method	— 8015A	
Vertical Extent (ft)		Risk Assess	ment form atta	ached Yes	□ No 🔽
Ground Water Sample:	Yes	No		(If yes, attach s	sample results)
I HEREBY CERTIFY THA KNOWLEDGE AND MY		MATION ABOVE IS TR	UE AND COM	MPLETE ТО ТНЕ	BEST OF MY
DATE October 25, SIGNATURE Maurin			TED NAME TITLE	Maureen Gannon Environmental En	gineer

FLORANCE #19A EXCAVATION 06/27/96







LAB: (505) 325-1556

Diesel Range Organics

Attn: Denver Bearden
Company: PNM Gas Services

Date:

1-Jul-96

Address: 603 W. Elm

COC No.: Sample No. 4721

City, State: Farmington, NM 87401

Job No.

11345 2-1000

Project Name:

PNM Gas Services - Florance 19A

Project Location:

9606271235; Pit Excavation Composite Sample

Date:

27-Jun-96 Time:

12:35

Sampled by: Analyzed by:

RH DC

Date:

28-Jun-96

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	103.1	mg/kg	5.0	mg/kg

Quality Assurance Report

DRO QC No.:

0475-QC

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Diesel Range (C10 - C28)	<5.0	ppm	2,000	2,011	0.6	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	117	112	(70-130)	3	20%

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

Approved by: Date: 2/1/5/

OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:

Denver Bearden

Date:

1-Jul-96

Company: PNM Gas Services

COC No.:

4721

Address:

603 W. Elm

Sample No.

11345

City, State: Farmington, NM 87401

Job No.

2-1000

Project Name:

PNM Gas Services - Florance 19A

Project Location:

9606271235: Pit Excavation Composite Sample

Sampled by:

RH DC Date: Date:

28-Jun-96

27-Jun-96 Time:

12:35

Analyzed by: Sample Matrix:

Soil

Aromatic Volatile Organics

Component		Result	Units of Measure	Detection Limit	Units of Measure
Benzene		45.6	ug/kg	0.2	ug/kg
Toluene		2108.8	ug/ kg	0.2	ug/ kg
Ethylbenzene		1561.2	ug/kg	0.2	ug/kg
m,p-Xylene		21337.9	ug/kg	0.2	ug/kg
o-Xylene		4635.8	ug/kg	0.2	ug/ kg
	TOTAL	29689.3	ug/ kg		

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

Approved by:

Florance Amoco	L#/9A			7-3-96	
Sec. 3, 3	ON, 9W, P				-
LA Co So	Andtarm On-Luc messite sample il Vapor Head-space	======================================	DD y ds. 1215 (6 pt. composit (PIO)	/
				sample depth	
					1
).3. • 1	2./		
		1.8			
	\otimes		-		
		2.1	-96		
					- - - -

OFF: (505) 325-5667



LAB: (505) 325-1556

Diesel Range Organics

Attn:

Denver Bearden

Date:

5-Sep-96

Company: PNM Gas Services

COC No.:

4981

Address:

603 W. Elm

Sample No.

11972

City, State: Farmington, NM 87401

Job No.

2-1000

Project Name:

PNM Gas Sevices - Florance L #19A Landfarm

Project Location:

9609031215; 6pt. Composite, 2"-12" depth Date:

3-Sep-96 Time:

12:15

Sampled by: Analyzed by: GC

Date:

5-Sep-96

Sample Matrix:

DC Soil

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	64.8	mg/kg	5.0	mg/kg

Quality Assurance Report

DRO QC No.:

0489-QC

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Diesel Range (C10 - C28)	< 5.0	ppm	100	101	0.7	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	104	96	(70-130)	5	20%

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

Approved by:

P.O. BOX 2606 • FARMINGTON, NM 87499

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