Denny & Fourt

District I P O Box 198 DYDDDS INV C.L & GAS INSPECTOR

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

District II P.O. Drawer DD, Artesia, NM, 88221 2 8 1997

1000 Rio Brazos Rd, Aztec, NM 87410

District III

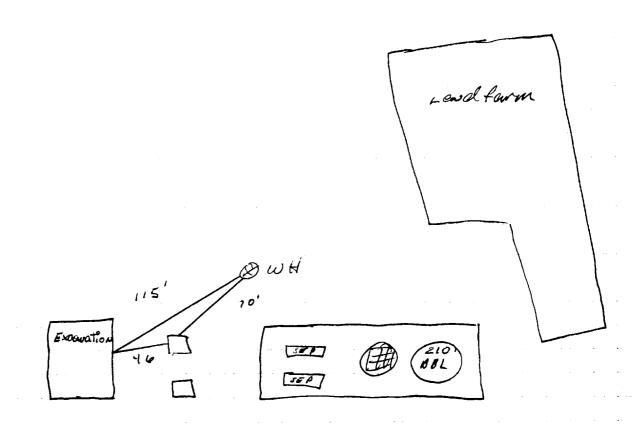
OIL CONSERVATION DIVISION

2040 South Pacheco Street Santa Fe, New Mexico 87505

Africa ed Transformand Closure REPORT

Operator:	PNM Gas Ser	vices ( Meridian	) Teleph	324-3	764		
Address:	603 W. Elm Street	Farmington, NM 874	101				_
Facility or We	Il Name: Zachry#	16E					
Location:	Unit: P	Sec.	33 T. 2	9 N R. 10	W County	San Juan	_
Pit Type:	Separator	Dehydrate	or	Other	No PNM Equ	ipment	
Land Type:	BLM <u>¥</u>	State	Fee	Other			
Pit Location:	Pit dimen	sions: length	20 '	width 20 '	depth	4 '	
(Attach diagrar	n) Reference	: wellhead <u>5</u>	<u> </u>	other			
	Footage fr	om reference: 115'	<u></u>		-		_
	Direction	from reference: 60	Degrees	East	North		
				<b>✓</b> West	of South	<u>Ÿ</u>	
Depth to Grou (Vertical distance from a seasonal high water elev- water	ontaminants to	and the same of th	Less than 50 50 feet to 99 Greater than 100	feet feet		(20 points) (10 points) ( 0 points)	0
Wellhead Pro	tection Area:	DECE		Yes		(20 points)	0
(Less than 200 feet from domestic water source, of feet from all other water	r, less than 1,000	ODL COM.		No		( 0 points)	
Distance to St		DIST. 3	Less than 2 200 feet to 1,0 Greater than 1,0	000 feet		(20 points) (10 points) ( 0 points)	00
ponds, rivers, streams, c canais and ditches			RANKING:	SCORE (TOT	TAL POINTS) :	:	0

Date Remediation Started:	8/28/96		Date Completed:	8/30/96
Remediation Method:	Excavation	х	Approx. Cubic Yard	291
(Check all appropriate	Landfarmed -	x	Amount Landfarmed (cul	bic yds) 261
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 23'x18'x19'	and landfarmed soil onsite	within a bermed area at a depti	n of 6" to 12". Soil was
		7003.		
Ground Water Encountered	d: No	<b>₹</b> Yes	Dep	th
Final Pit Closure Sampling:	Sample Location	5 pt composite-4 side	e walls and center of pit bottom	
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth	19'		
sample rocations and depuis.	Sample date	8/28/96	Sample time	3:00:00 PM
	Sample Results			
	Benzene	(ppm)0	.1062	
	Total BT	EX (ppm)	4.9925	
	Field head	dspace (ppm)		
	трн _	26.9	Method 8015A	
Vertical Extent (ft)		Risk Assessmo	ent form attached Yes	No <u>✓</u>
Ground Water Sample:	Yes	No <u>▼</u>	(If yes, attack	h sample results)
I HEREBY CERTIFY THA KNOWLEDGE AND MY B	T THE INFORMA BELIEF	TION ABOVE IS TRUE	AND COMPLETE TO TH	IE BEST OF MY
DATE January 22, 1 SIGNATURE	ur Bearl	PRINTE AND TIT	D NAME Denver Bearden TLE Administrator III	I





OFF: (505) 325-5667

LAB: (505) 325-1556

# Diesel Range Organics

Attn:

Denver Bearden

Date:

3-Sep-96

Company: PNM Gas Services

COC No.:

4957

Address:

603 W. Elm

Sample No.

11945

City, State: Farmington, NM 87401

Job No.

2-1000

Project Name:

PNM Gas Sevices - Zachry #16E

**Project Location:** 

9608281500; Pit Excavation Composite Sample

Date:

28-Aug-96 Time:

15:00

Sampled by: Analyzed by: RH DC

Date:

3-Sep-96

Sample Matrix:

Soil

#### Laboratory Analysis

Perameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	26.9	mg/kg	5.0	mg/kg

#### Quality Assurance Report

DRO QC No.:

0489-QC

#### Calibration Check

Canbi ation O						
	Method	Unit of	True	Analyzed		
Parameter	Blank	Measure	Value	Value	% Diff	<u>Limit</u>
Diesel Range (C10 - C28)	< 5.0	ppm	100	106	5.9	15%

Matrix Snike

mauix opino					
	1- Percent	2 - Percent			
Parameter	Recovered	Recovered	Limit	%RSD	Limit
			1		
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: Date: 9/3/94

OFF: (505) 325-5667



LAB: (505) 325-1556

# AROMATIC VOLATILE ORGANICS

Attn:

Denver Bearden

Date:

30-Aug-96

Company: PNM Gas Services

COC No.:

4957

Address:

Sample No.

11945

City, State: Farmington, NM 87401

603 W. Elm

Job No.

2-1000

**Project Name:** 

PNM Gas Sevices - Zachry #16E

**Project Location:** 

9608281500; Pit Excavation Composite Sample

Sampled by:

RH

Date: Date:

28-Aug-96 Time:

15:00

Analyzed by:

HR

29-Aug-96

Sample Matrix:

Soil

### Laboratory Analysis

Parameter		Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene		106.2	ug/ <b>kg</b>	0.2	ug/kg
Toluene		1585.8	ug/kg	0.2	ug/kg
Ethylbenzene		254.5	ug/kg	0.2	ug/ <b>kg</b>
m,p-Xylene		2528.1	ug/kg	0.2	ug/kg
o-Xylene		517.9	ug/ <b>kg</b>	0.2	ug/kg
	TOTAL	4992.5	ug/ <b>kg</b>		

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

Approved by: )a(/
Date: 2/30/96

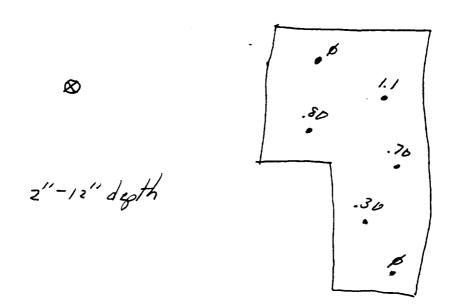
Zachry # 16-E Meridian Oil Sec. 33, 29N, 10N

10-1-96

Land Farmed: On location

Composite sample # 96/00/1045 6pt. cong.

Soil Vagor Head space PIO reading = 3.3 ppm



OFF: (505) 325-5667



LAB: (505) 325-1556

## Diesel Range Organics

Attn:

Denver Bearden

Date:

4-Oct-96

Company: PNM Gas Services

COC No.:

5048

Address:

603 W. Elm

Sample No.

12409

City, State: Farmington, NM 87401

Job No.

2-1000

Project Name:

PNM Gas Services - Zachry #16-E Landfarm

**Project Location:** 

9610011045; 6pt. Composite, 2"-12" depth GC

Date:

1-Oct-96 Time:

10:45

Sampled by: Analyzed by:

DC/BV

Date:

4-Oct-96

Sample Matrix:

Soil

## Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	< 5.0	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	110	10.3	15%			

Matrix Spike

7- Percent Recovered		2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	112	103	(70-130)	6	20%

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

Approved by:
Date: 10/4/96

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BIENDING INDUSTRY WITH THE ENVIRONMENT -