JICARILLA APACHE TRIBE

ENVIRONMENTAL PROTECTION OFFICE

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

P.O. BOX 507 DULCE, NEW MEXICO 87528

Fig. 1000 PIT REMEDIATION AND CLOSURE REPORT

Operator:	PNM Gas Service	es (('anac	(0)	Telephone:	324-3764	
Address:	603 W. Elm Street F	armington, NM 874	01			\
Facility or V	Vell Name: $\widehat{igaphi_X}$	i Apache	N-16A			}
Location:	Unit:	Sec. / 2	T. <u>25 N</u> R.	<u> 4 W</u> Cou	nty Rio Arriba	
Pit Type:	Separator <u>X</u>	Dehydrator	Other			
Land Type:	Jicarilla Apache		_			
Pit Location	n: Pit dimension	ons: length	$2\epsilon'$ width	1 <u>22</u>	depth /	2
(Attach diag	ram) Reference:	wellhead	X	other		
	Footage fro	m reference:/_	05'			
	Direction fro	om reference:	115h+Degrees	East	North <u></u>	
			_	of West	South	
5 . All A - C		Well-distribution in the many participation of specific con-	l ges th	an 50 feet	(20 points)	
(Vertical distance fro	round Water:			to 99 feet	(10 points)	O
to seasonal high wa ground water)		ECEIVE	Greater tha	n 100 feet	(0 points)	
	rotection Area:	FEB - 3 1998	ש	Yes No	(20 points) (0 points)	Ŕ
	I from a private domestic as than 1,000 feet from all s)		ha.a			
	Surface Water:	ul con. d	UVo Less tha	an 200 feet	(20 points)	10
(Horizontal distance		DIM. 3	200 feet to	1,000 feet	(10 points)	الهالم سيند
lakes, ponds, rivers creeks, grigation ca	s, streams,		Greater than	1,000 feet	(0 points)	
Distance to	o Ephemeral Stream (dry wash):	Less than or equal		(10 points)	A
streams having a v	e to all downgradient width of at least 10		Greater tha	an 100 feet	(0 points)	
Pistance to	o Nearest Lake, Playa	or Watering	Less than or equal		(10 points)	E
Pond: (Horizontal distance	ce to all downgradient livestock or wildlife	, e. watering	Greater th	an 100 feet	(0 points)	<u>LEK!</u>
			RANKING SCOF	RE (TOTAL P	POINTS):	10

Date Remediation Started	: <u>10/2/97</u>	Date Completed:				
Remediation Method:	Excavation χ	_ Approx. Cubic Yards _	254			
(Check all appropriate	Landfarmed \(\frac{1}{2}\)	Amount Landfarmed (cubi	c yds): <u>254</u>			
sections)	Other					
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite	Offsite				
Removed con His to get a Koltal Is	Haminated soil fr	om All four head space re				
Ground Water Encount	ered: No <u>X</u> Yes	Depth				
Final Pit Closure Sampling:	Sample Location North	Enit South	and West			
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth $\frac{1}{1}$	7 Sample time	1007			
1	Sample Results	M	(<u>-</u> -			
	Benzene (ppm) // \(\int\)	Water: Benzene Toluene				
	Total BTEX (ppm 0.002	— Ethylbon	ene (ppb)			
	Field headspace (ppm) 7. 2 TPH Method	Total Xvie	enes (ppb)			
Ground Water Samp			h sample results)			
I HEREBY CERTIFY TH KNOWLEDGE AND MY	AT THE INFORMATION ABOVE IS	TRUE AND COMPLETE TO	THE BEST OF MY			
DATE /O	1 1	NTED NAME Ronald A.	Dedrick			
SIGNATURE Ran	ald A. Deduck AM	ND TITLE Environment	al Technician II			
	HE PIT CLOSURE INFORMATION, E TRIBE PIT CLOSURE ORDINANO		ED IN ACCORDANCE			
APPROVED: YES	NO (REASO	ON): Spray =	close			
SIGNED: Lite	.C. Manuel DA	ATE: 10-14-9	7			

AxiApricle N-16A Sec. 12 T25N R4WUnitC Conoco





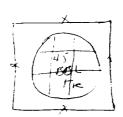




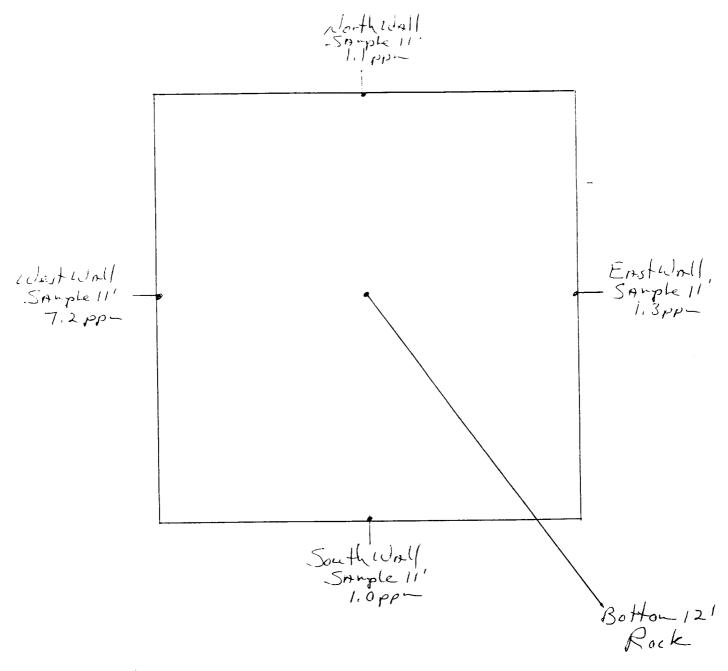


PNAC PIT

Ser.



105'



5'Sample - 419pp-10'Sample - 208ppm OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: Denver Bearden Date:

8-Oct-97

Company: PNM Gas Services

COC No.:

5614

603 W. Elm Address:

Sample No.:

16499

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Axi Apache N-16A

Project Location:

9710021007; 4pt. Composite PΑ

2-Oct-97 Time: Date:

10:07

Sampled by: Analyzed by:

DC/HR

Date:

3-Oct-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0555-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	212	6.0	15%

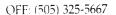
Matrix Spike

matrix opine					
	1- Percent	2 - Percent			RPD
Parameter	Recovered	Recovered	Limit	RPD	Limit
Diesel Range (C10-C28)	85	99	(70-130)	14	20%

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

Approved by:

P.O. BOX 2606 • FARMINGTON, NM 87499





LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

6-Oct-97

Company: PNM Gas Services

COC No.:

5614

Address:

603 W. Elm

Sample No.:

16499

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Axi Apache N-16A

Project Location:

9710021007; 4pt. Composite

10:07

Sampled by: Analyzed by: PΑ DC Date: Date:

3-Oct-97

2-Oct-97 Time:

Sample Matrix:

Soil

Laboratory Analysis

		Results	Unit of	Limit of	Unit of
Parameter		as Received	Measure	Quantitation	Measure
		-			
Benzene		ND	ug/kg	2	ug/kg
Toluene		2	ug/kg	2	ug/kg
Ethylbenzene		ND	ug/kg	2	ug/kg
m,p-Xylene		ND	ug/kg	2	ug/kg
o-Xylene		ND	ug/kg	2	ug/kg
	TOTAL	2	ug/kg_		

ND - Not Detected at Limit of Quantitation

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

P.O. BOX 2606 • FARMINGTON, NM 87499

SUBMIT 1 COPY TO

NATURAL

RESOURCE DEPT

AND OIL GAS

ADMINISTRATION

JICARILLA APACHE TRIBE ENVIRONMENTAL PROTECTION OFFICE P.O. BOX 507 DULCE, NEW MEXICO 87528

ON-SITE SOIL REMEDIATION REPORT

Operator:	PNM Gas Services	(Conoce	Telephone:	324-3764
Address: 603	W. Elm Street Farmingto	n, NM 87401		
Facility or Well	Name: <u> </u>	pache M-	1417	
Location:	Unit:	Sec	:. <u>25 n</u> R.	4 W County Rio Arriba
Land Type: Ji	arilla Apache		_	
Date Remediation Remediation Metho		2/97 X	Date Comple Approx. cubic y	n = /
Depth to Ground	Water:	(pts.) ×	-	Final Closure Sampling:
Distance to an Ep	memeral Stream:	(pts.)	– Sampinig	
or Watering Pond	±	(pts.) <u>2</u>	5:1411	Results: 87.4
Wellhead Protect Distance to Surfa		(pts.) <u>&</u> (pts.)	— тры	(ppm) <u>/54</u> Method <u>& 0/5</u>
	re (Total Points)	: /0	Other	
I HEREBY CERTIF	THAT THE INFORMAT	ION ABOVE IS TRUE	AND COMPLETE TO	THE BEST OF MY KNOWLEDGE AND BELIEF
DATE SIGNATURE	11/10/97 Raule 13	Dedud	ED NAME Ronald AND TITLE En	A. Dedrick vironmental Technician II
AFTER REVIEW (OF THE SOIL REMEDIAT HE TRIBE PIT CLOSURE	ION INFORMATION, (ORDINANCE	ON-SITE REMEDIATION	ON APPROVED IN ACCORDANCE TO THE
APPROVED: Y	E\$ NO	(REASON)		
SIGNED: .	Lac C Ma		DATE:	12-97

Hxi Apache N-16A Sec 12 T25N R4W Unite Conoco

601 26.9pp-17.7pp-Well Hend 75' 87.4pp-123' 54.8pp-24.4 pp -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

7-Nov-97

Company: PNM Gas Services

COC No.:

5629

Address:

Sample No.:

16761

City, State: Farmington, NM 87401

603 W. Elm

Job No.:

2-1000

Project Name:

PNM Gas Services - Axi Apache N-16A Landfarm

Project Location:

9711041131; 5pt. Composite

Date:

4-Nov-97 Time:

11:31

Sampled by: Analyzed by: RB DC/HR

Date:

6-Nov-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	154	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0555-STD

Continuing Calibration Verification

Continuing	alibration ver	Ilcation				RPD
	Method	Unit of	True	Analyzed	505	Limit
Parameter	Blank	Measure	Value	Value	RPD	Limit
Diesel Range (C10 - C28)	ND	ppm	200	181	9.7	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	72	72	(70-130)	1	20%

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

Approved by: