



Date Remediation Started:

11/11/98

Date Completed:

12/15/98 RAD  
11/11/98

Remediation Method:

Excavation

X

Approx. Cubic Yards

80 yds(Check all  
appropriate  
sections)

Landfarmed

X

Amount Landfarmed (cubic yds):

80 yds

Other

↓

Remediation Location:

Onsite

Offsite

Jicarilla Landfarm #4(i.e., landfarmed onsite, name  
and location of offsite facility)

General Description of Remedial Action:

Removed contaminated soil from all 4 side walls and  
pit bottom to a below 100 ppm head space readingExcavated pit 12' x 14' x 13'

Ground Water Encountered:

No

X

Yes

Depth

Final Pit Closure  
Sampling:

Sample Location

North wall, East wall, South wall, West wall  
Bottom 3 point composite(if multiple samples, attach  
sample result and diagram of  
sample locations and  
depths.)

Sample depth

13'

Sample date

11/11/98

Sample time

1150

Sample Results

Soil: Benzene (ppm)

Water: Benzene (ppb)

Total BTEX (ppm)

Toluene (ppb)

Field headspace (ppm)

14.2 ppm

Ethylbenzene (ppb)

TPH ND ppmMethod TPH-8015

Total Xylenes (ppb)

Ground Water Sample:

Yes

No

X

(If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY  
KNOWLEDGE AND MY BELIEF

DATE

11/11/98

PRINTED NAME

Gary Cook

SIGNATURE

Gary Cook

AND TITLE

Environmental Technician IIIAFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE  
TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES

X

NO

(REASON):

SIGNED:

Karen C. Manda

DATE:

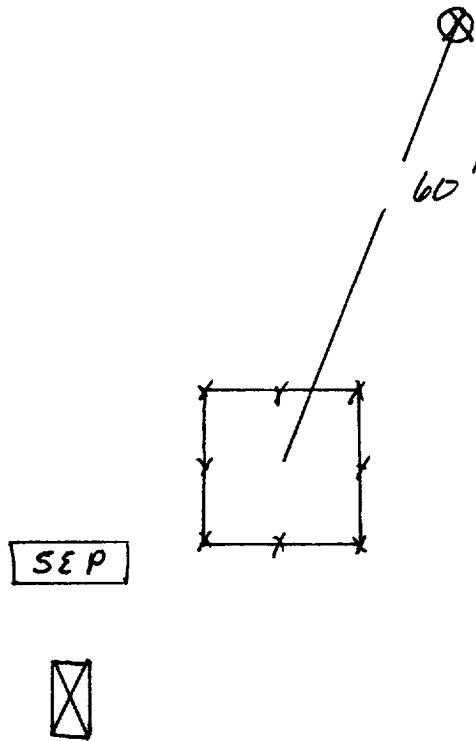
12-15-98

Axi Apache N-5  
Conoco  
Sec. 1, 25N, 4W, m

11/11/98

site diagram:

↑  
N

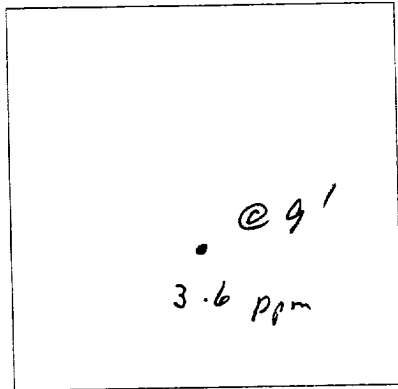


Not to scale

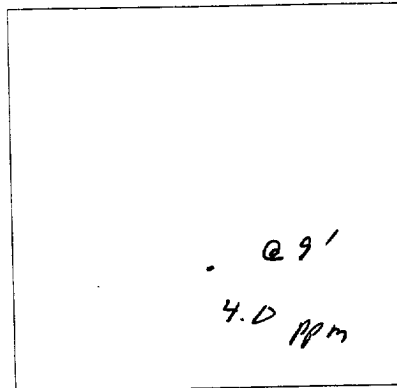
Axi Apache N-5  
CONOCO  
Sec. 1, 25N, 4W, m

11/11/98

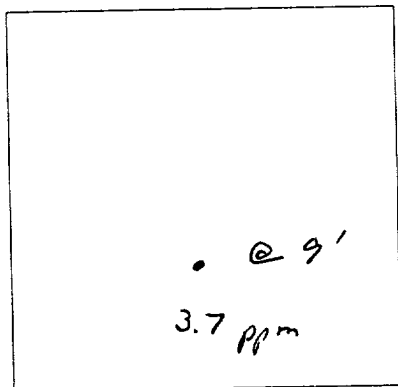
## North Wall



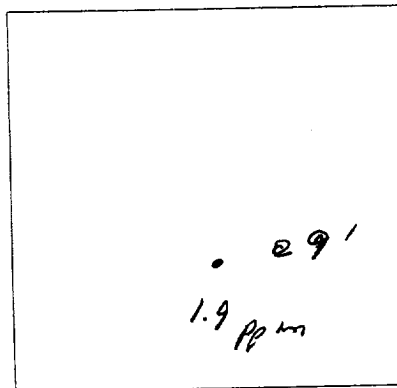
## South Wall



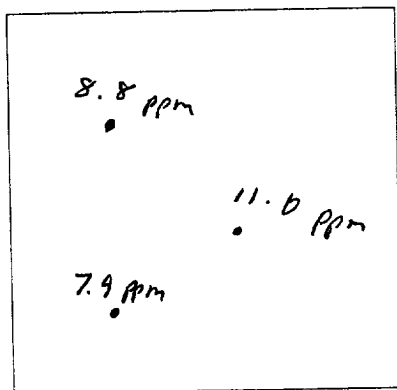
## East Wall



## West Wall



## Bottom



@ 13' depth  
clay

3 point comp. 14.2  
soil vapor reading

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 19-Nov-98

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Axi Apache N-5  
**Lab Order:** 9811046

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## **CASE NARRATIVE**

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 19-Nov-98

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Axi Apache N-5
<b>Work Order:</b>	9811046	<b>Client Sample ID:</b>	9811111150; Bottom @ 13ft.
<b>Lab ID:</b>	9811046-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Axi Apache N-5	<b>Collection Date:</b>	11/11/98 11:50:00 AM
		<b>COC Record:</b>	7425

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: <b>HR</b>
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	11/17/98

**Qualifiers:**

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

R - RPD outside accepted recovery limits

J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

B - Analyte detected in the associated Method Blank

Surr: - Surrogate

1 of 1

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LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 19-Nov-98

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Axi Apache N-5
<b>Work Order:</b>	9811046	<b>Client Sample ID:</b>	9811111155; Walls @ 9ft.
<b>Lab ID:</b>	9811046-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Axi Apache N-5	<b>Collection Date:</b>	11/11/98 11:55:00 AM
		<b>COC Record:</b>	7425

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
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