

JICARILLA APACHE TRIBE

ENVIRONMENTAL PROTECTION OFFICE

P.O. BOX 507
DULCE, NEW MEXICO 87528SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL GAS
ADMINISTRATIONPIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Conoco) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Axi Apache N-7
Location: Unit: m Sec. 12 T. 25 N R. 4 W County Rio Arriba
Pit Type: Separator X Dehydrator Other
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 30' width 24' depth 18'
(Attach diagram) Reference: wellhead X other
Footage from reference: 60'
Direction from reference: 15 Degrees East North
 West South

Depth to Ground Water:

(Vertical distance from contaminants
to seasonal high water elevation of
ground water)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	<u>0</u>
Greater than 100 feet	(0 points)	

Wellhead Protection Area:

(Less than 200 feet from a private domestic
water source, or, less than 1,000 feet from all
other water sources)

Yes	(20 points)	<u>0</u>
No	(0 points)	

Distance to Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams,
creeks, irrigation canals and ditches)

Less than 200 feet	(20 points)	
200 feet to 1,000 feet	(10 points)	<u>0</u>
Greater than 1,000 feet	(0 points)	

Distance to Ephemeral Stream (dry wash):

(Horizontal distance to all downgradient
streams having a width of at least 10
feet)

Less than or equal to 100 feet	(10 points)	<u>10</u>
Greater than 100 feet	(0 points)	

Distance to Nearest Lake, Playa, or Watering
Pond:(Horizontal distance to all downgradient
lakes, playas, and livestock or wildlife
water ponds)

Less than or equal to 100 feet	(10 points)	<u>0</u>
Greater than 100 feet	(0 points)	

RANKING SCORE (TOTAL POINTS):

10

Date Remediation Started: 10/6/97 Date Completed: 11/20/97

Remediation Method: Excavation X Approx. Cubic Yards 480

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds): 480

Other _____

Remediation Location: Onsite X Offsite _____

(i.e., landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action:

Removed contaminated soil from all four side walls and pit bottom as to get it below 100 ppm head space remaining.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample Location North, East, South ^{N/A} and West

Sample depth 18'

Sample date 10/6/97 Sample time 1511

Sample Results

Soil: Benzene (ppm) _____ Water: Benzene (ppb) _____

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 948 Ethylbenzene (ppb) _____

TPH ND ppm Method 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 10/10/97 PRINTED NAME Ronald A. Dedrick

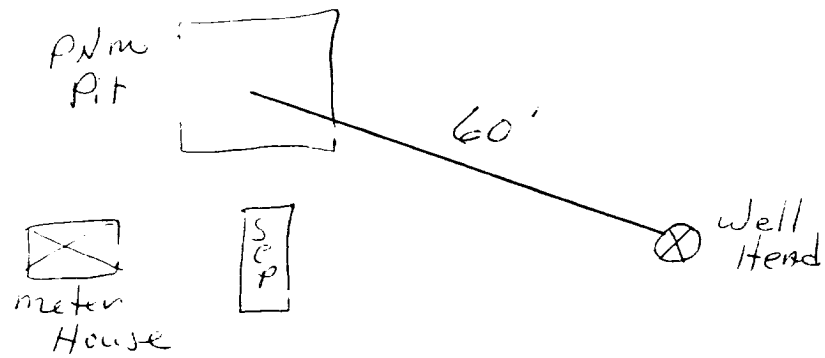
SIGNATURE Ronald A. Dedrick AND TITLE Environmental Technician II

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

APPROVED: YES X NO _____ (REASON): _____

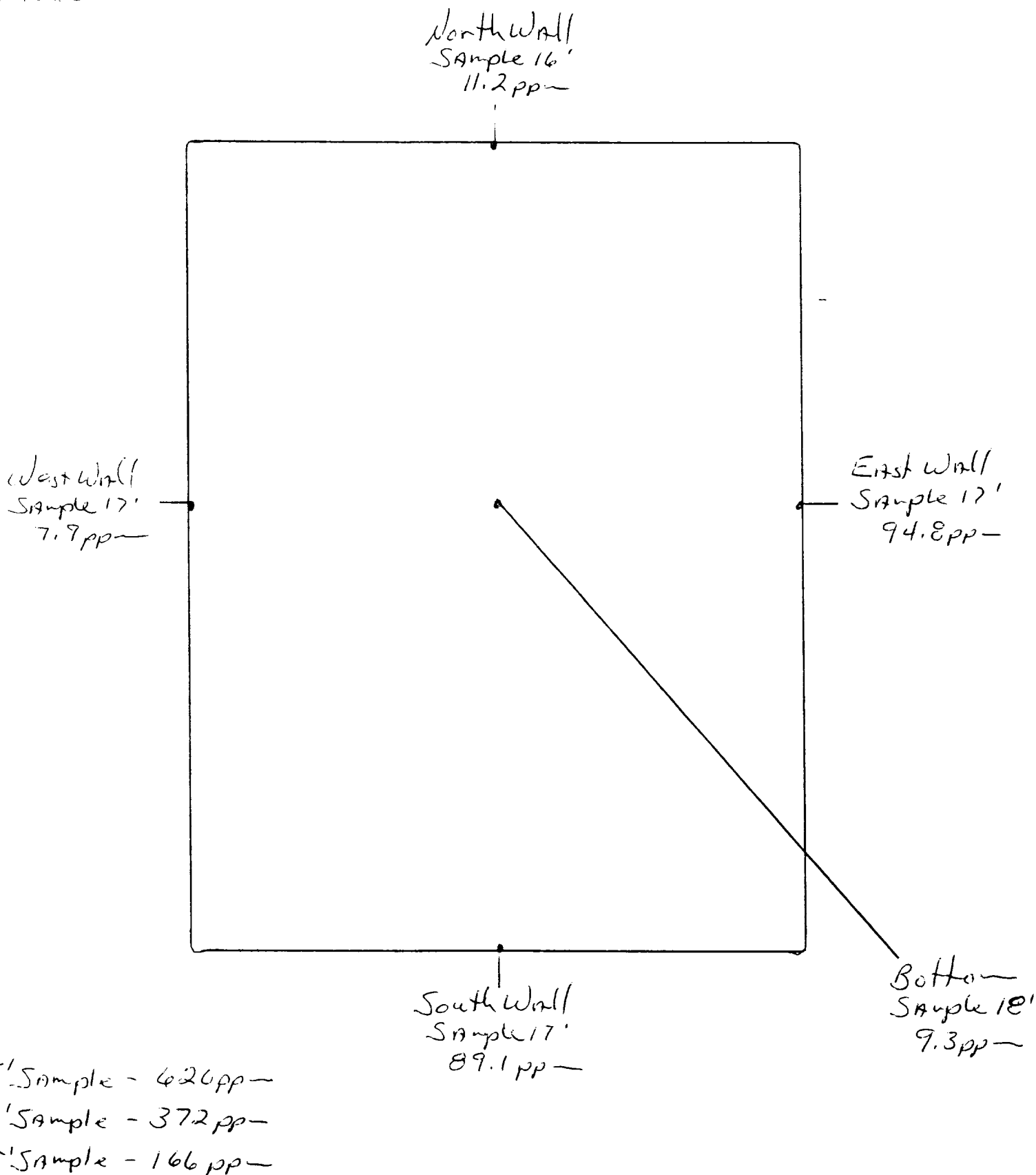
SIGNED: Ken C. Mamm DATE: 10-14-97

7xi Apache N-7
Sec. 12 T25N R4W Unit M1
Conoco



Axial Apache N-7
Sec. 12 T25N R4W Unit M1
Concree

30'x24'x18'



OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *10-Oct-97*
COC No.: *5615*
Sample No.: *16530*
Job No.: *2-1000*
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Project Name: *PNM Gas Services - Axi Apache N-7*
Project Location: *9710061511; 5pt. Composite*
Sampled by: *SA* Date: *6-Oct-97* Time: *15:11*
Analyzed by: *DC/HR* Date: *9-Oct-97*
Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Diesel Range Organics (C10 - C28)</i>	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
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	202	1.0	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	103	104	(70-130)	1	20%

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

Approved by: *[Signature]*
Date: *10/10/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

~ TECHNOLOGY. BLENDING INDUSTRY WITH THE ENVIRONMENT. ~

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

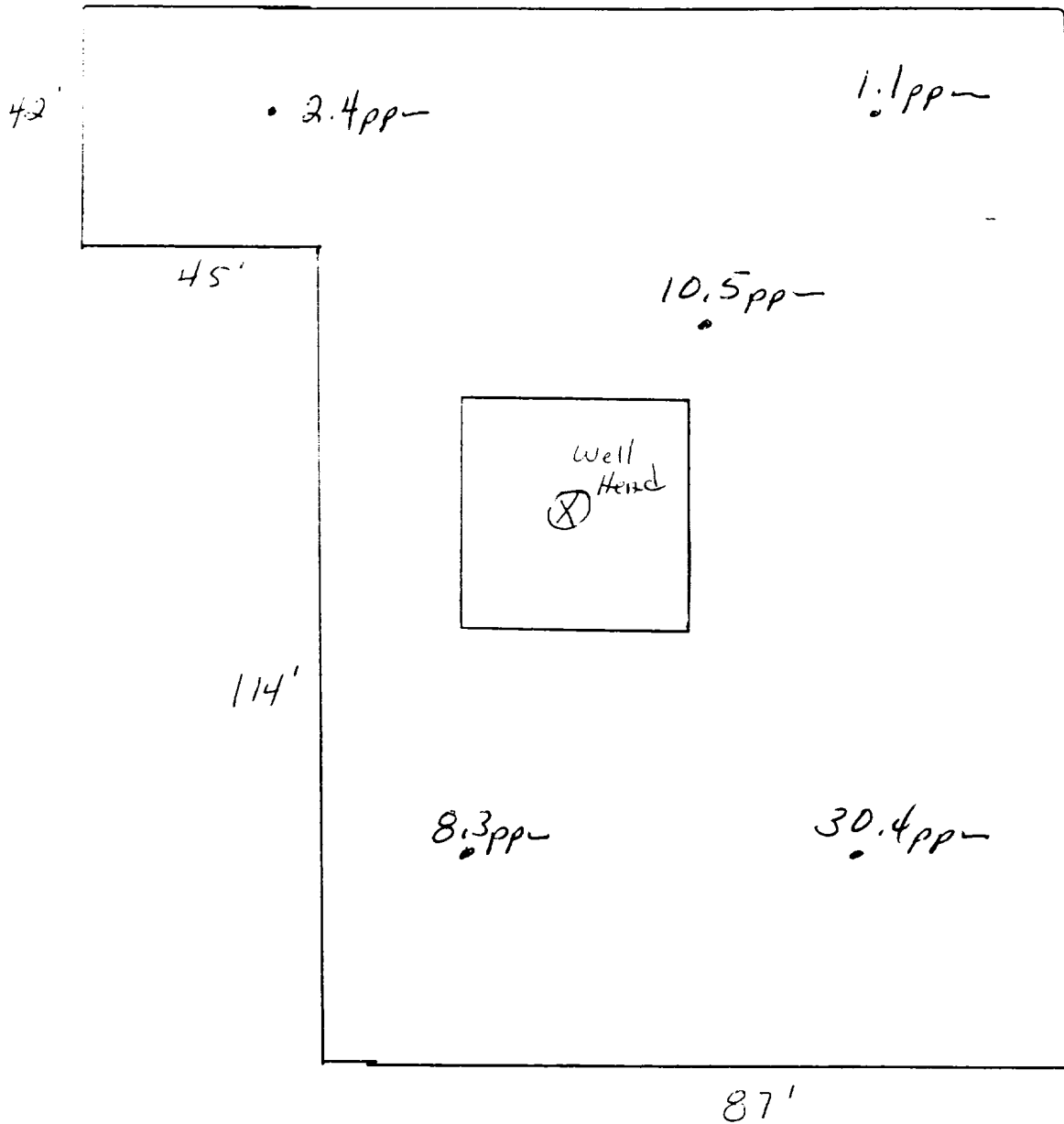
SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL GAS
ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: PNM Gas Services (Conoco) Telephone: 324-3764	
Address: 603 W. Elm Street Farmington, NM 87401	
Facility or Well Name: Axi Apache N-7	
Location:	Unit: <u>m</u> Sec. <u>12</u> T. <u>25</u> N R. <u>4</u> W County <u>Rio Arriba</u>
Land Type: Jicarilla Apache	
Date Remediation Started: <u>10/6/97</u> Date Completed: <u>11/13/97</u>	
Remediation Method: Landfarmed <input checked="" type="checkbox"/> Approx. cubic yards <u>480</u>	
Composted <input type="checkbox"/>	
Other <input type="checkbox"/>	
Depth to Ground Water: (pts.) <u>6</u>	Final Closure Sampling:
Distance to an Ephemeral Stream: (pts.) <u>10</u>	Sampling Date: <u>11/11/97</u> Time <u>1211</u>
Distance to Nearest Lake, Playa, or Watering Pond: (pts.) <u>6</u>	Sampling Results:
Wellhead Protection Area: (pts.) <u>6</u>	Field Headspace (ppm) <u>30.4</u>
Distance to Surface Water: (pts.) <u>6</u>	TPH (ppm) <u>ND</u> Method <u>8015</u>
Ranking Score (Total Points): <u>10</u>	Other _____
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF	
DATE <u>11/14/97</u>	PRINTED NAME <u>Ronald A. Dedrick</u>
SIGNATURE <u>Ronald A. Dedrick</u>	AND TITLE <u>Environmental Technician II</u>
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE	
APPROVED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (REASON) _____	
SIGNED: <u>Kurt C. Mamm</u>	DATE: <u>11-17-97</u>

Apache N-7
Sec 12 T25N R4W Unit M1
Conoco

Land farm



OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *13-Nov-97*
COC No.: *5636*
Sample No.: *16861*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Axi Apache N-7 Landfarm*
Project Location: *9711111211; 5pt. Composite*
Sampled by: *RB* Date: *11-Nov-97* Time: *12:11*
Analyzed by: *DC/HR* Date: *13-Nov-97*
Sample Matrix: *Soil*

Laboratory Analysis

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

ND - Not Detected at Limit of Quantitation

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DRO QC No.: 0555-STD

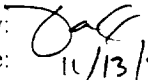
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Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	204	1.9	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	91	90	(70-130)	1	20%

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

Approved by: 
Date: *11/13/97*

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- THE BACK OF BLENDING INDUSTRY WITH THE ENVIRONMENT -