

Denny & Frost
DEPUTY OIL & GAS INSPECTOR

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

OCT 12 1997

Approved

PIT 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 L-4
Location: Unit: M Sec. 26 T. 25 N R. 4 W County Rio Arriba
Pit Type: Separator X Dehydrator Other
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 32' width 21' depth 5'
(Attach diagram) Reference: wellhead X other
Footage from reference: 30'
Direction from reference: 75 Degrees East North
 West South

Depth to Ground Water:

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

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points) 0

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)
No (0 points) 0

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)
Greater than 1,000 feet (0 points) 0

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)
Greater than 100 feet (0 points) 0

**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)
Greater than 100 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 4/30/97 Date Completed: 6/4/97

Remediation Method: Excavation X Approx. Cubic Yards 111

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds): 111

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 as to get a below 100 ppm head space reading. Bottom of pit was solid rock.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

Sample Location North, East, South and West side walls

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

Sample depth 5'

Sample date 4/30/97 Sample time 1534

Sample Results

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

Total BTEX (ppm) ND Toluene (ppb) _____

Field headspace (ppm) 15.8 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 5/9/97 PRINTED NAME Ronald A. Dedrick

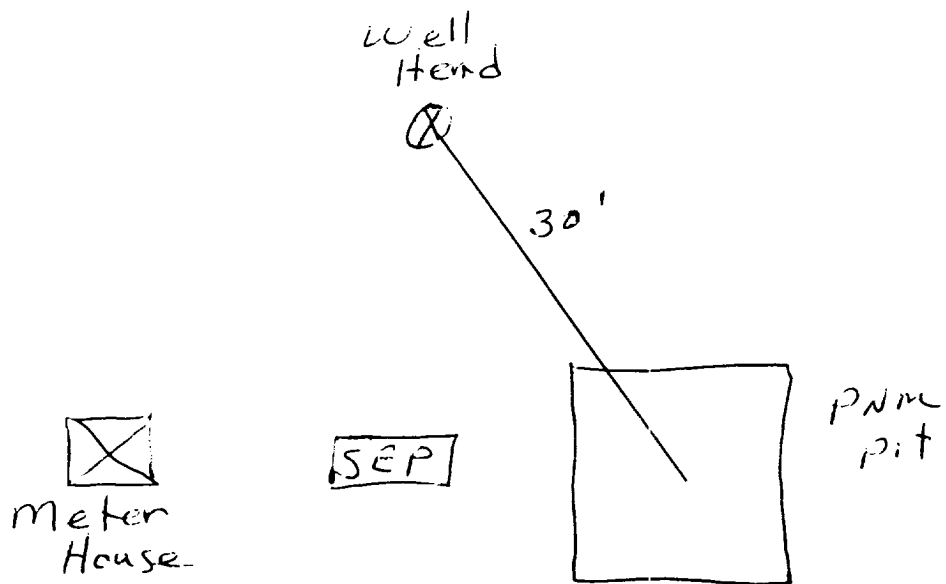
SIGNATURE Ronald A. Dedrick AND TITLE Environmental Technician II

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): SPRAY + CLOSE

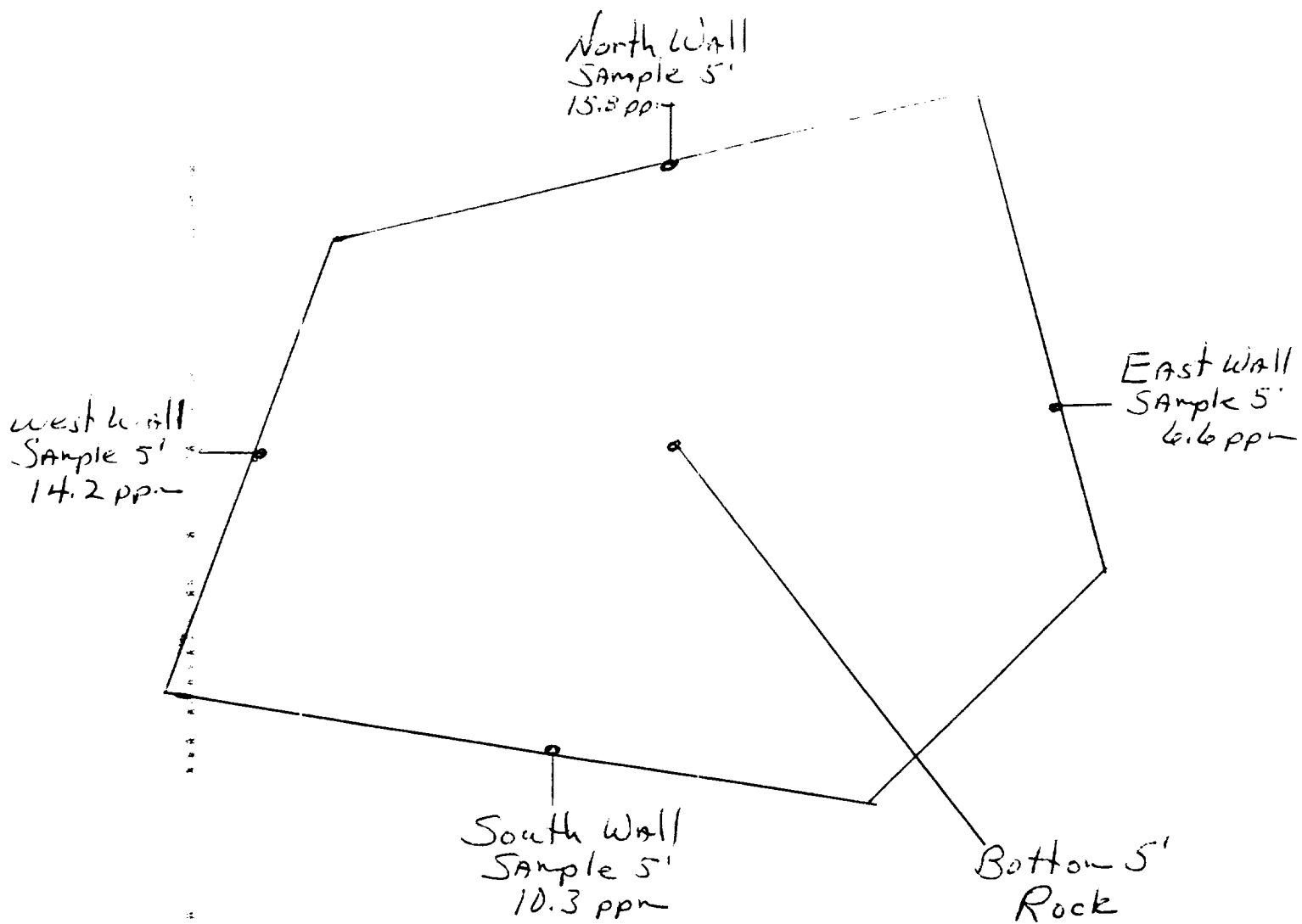
SIGNED: Kurt C. Mamm DATE: 5-14-97

Hxi Hpsche L-4
Sec. 26 T25N R4W Unit M
Conoco



Hx1 Hpatche L-4
Sec. 26 T25N R4W unit m
Conoco

32'x21'x5'



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: *9-May-97*
COC No.: *5440*
Sample No.: *14421*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Axi Apache L-4 Run 12-61*
Project Location: *9704301534; 4pt. Composite*
Sampled by: *SO* Date: *30-Apr-97* Time: *15:34*
Analyzed by: *HR/DC* Date: *9-May-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	5.0	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: *0519-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	100	105	4.8	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Diesel Range (C10-C28)</i>	101	102	(70-130)	1	20%

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

Approved by: *[Signature]*
Date: *5/7/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



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ANALYTICAL REPORT

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

Date: **9-May-97**
COC No.: **5440**
Sample No.: **14421**
Job No.: **2-1000**

Project Name: **PNM Gas Services - Axi Apache L-4 Run 12-61**

Project Location: **9704301534; 4pt. Composite**

Sampled by: **SO** Date: **30-Apr-97** Time: **15:34**

Analyzed by: **DC** Date: **7-May-97**

Sample Matrix: **Soil**

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene	ND	ug/kg	1.0	ug/kg
Toluene	ND	ug/kg	1.0	ug/kg
Ethylbenzene	ND	ug/kg	1.0	ug/kg
m,p-Xylene	ND	ug/kg	1.0	ug/kg
o-Xylene	ND	ug/kg	1.0	ug/kg
TOTAL	ND	ug/kg		

ND - Not Detected at Limit of Quantitation

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

Approved by: 

Date: **5/9/97**

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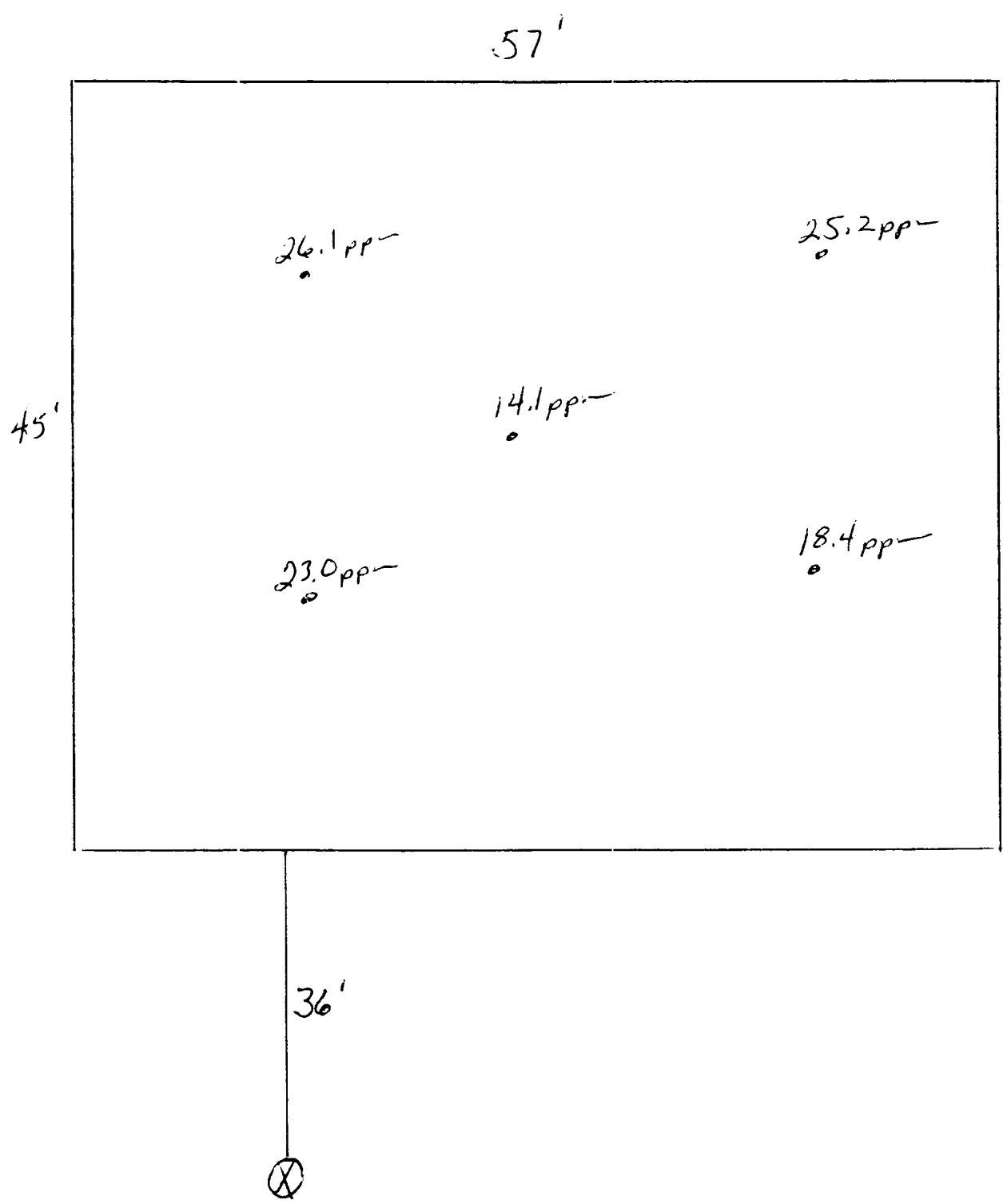
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AND OIL GAS
ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: <u>PNM Gas Services</u> <u>Conoco</u> Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>	
Facility or Well Name: <u>Axi Apache L-4</u>	
Location: Unit: <u>117</u> Sec. <u>26</u> T. <u>25</u> N. R. <u>4</u> W County <u>Rio Arriba</u>	
Land Type: <u>Jicarilla Apache</u>	
Date Remediation Started: <u>4/30/97</u> Date Completed: _____	
Remediation Method: Landfilled ☒ Approx. cubic yards <u>111</u>	
Composted ☐	
Other ☐	
Depth to Ground Water: (pts.) <u>0</u>	Final Closure Sampling: Sampling Date: <u>5/6/97</u> Time <u>1401</u> Sampling Results: Field Headspace (ppm) <u>26.1</u> TPH (ppm) <u>ND</u> Method <u>8015</u> Other _____
Distance to an Ephemeral Stream: (pts.) <u>0</u>	
Distance to Nearest Lake, Playa, or Watering Pond: (pts.) <u>0</u>	
Wellhead Protection Area: (pts.) <u>0</u>	
Distance to Surface Water: (pts.) <u>0</u>	
Ranking Score (Total Points): <u>0</u>	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF	
DATE <u>5/9/97</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 ☒ NO ☐ (REASON) _____	
SIGNED: <u>Kenneth M. ...</u> DATE: <u>5-14-97</u>	

Hx1 Hprche L-4
Sec. 26 T25N R4W Unit m
Conoco

Land farm



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LAB: (505) 325-1556

ANALYTICAL REPORT

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

Date: *9-May-97*
COC No.: *5448*
Sample No.: *14451*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Axi Apache L #4 Landfarm Run 12-61*

Project Location: *9705061401; 5pt. Composite*

Sampled by: *FB* Date: *6-May-97* Time: *14:01*

Analyzed by: *HRDC* Date: *8-May-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	5.0	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: *0519-STD*

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Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
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Approved by: *[Signature]*

Date: *5/9/97*

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