

*George E. Faust*  
DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

ENVIRONMENTAL PROTECTION OFFICE

FEB 08 1999

P.O. BOX 507  
DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO  
NATURAL  
RESOURCE DEPT  
AND OIL & GAS  
ADMINISTRATION

*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: Ax. Apache N-11A

Location: Unit: B Sec. 12 T. 25 N R. 4 W County Rio Arriba

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 20' width 20' depth 3'

(Attach diagram) Reference: wellhead ☒ other ☐

Footage from reference: 120'

Direction from reference: 45° Degrees ☒ East ☐ North ☒  
of  
☐ West ☐ South

**Depth to Ground Water:**

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

Less than 50 feet	(20 points)	<input checked="" type="checkbox"/>
50 feet to 99 feet	(10 points)	<input type="checkbox"/>
Greater than 100 feet	(0 points)	<input type="checkbox"/>

**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)	<input checked="" type="checkbox"/>
No	(0 points)	<input type="checkbox"/>

**Distance to Surface Water:**

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

Less than 200 feet	(20 points)	<input checked="" type="checkbox"/>
200 feet to 1,000 feet	(10 points)	<input type="checkbox"/>
Greater than 1,000 feet	(0 points)	<input type="checkbox"/>

**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)	<input checked="" type="checkbox"/>
Greater than 100 feet	(0 points)	<input type="checkbox"/>

**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)	<input checked="" type="checkbox"/>
Greater than 100 feet	(0 points)	<input type="checkbox"/>

**RANKING SCORE (TOTAL POINTS):** ☒

Date Remediation Started: 1/9/97 Date Completed: 11/2/98

Remediation Method: Excavation N/A Approx. Cubic Yards \_\_\_\_\_

(Check all appropriate sections)

Landfarmed N/A Amount Landfarmed (cubic yds): \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location: Onsite \_\_\_\_\_ Offsite \_\_\_\_\_

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

**General Description of Remedial Action:**

Dug three test holes in center of Pit. Headspace reading was 0.4 ppm

Ground Water Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

**Final Pit Closure Sampling:**

Sample Location Three test holes in center of Pit.

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

Sample depth 52"

Sample date 1/9/97 Sample time 1154

**Sample Results**

Soil: Benzene (ppm) \_\_\_\_\_ Water: Benzene (ppb) \_\_\_\_\_

Total BTEX (ppm) \_\_\_\_\_ Toluene (ppb) \_\_\_\_\_

Field headspace (ppm) 0.4 Ethylbenzene (ppb) \_\_\_\_\_

TPH < 5.0 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 10/13/98 PRINTED NAME Roy Burnham

SIGNATURE Roy Burnham AND TITLE Environmental Technician II

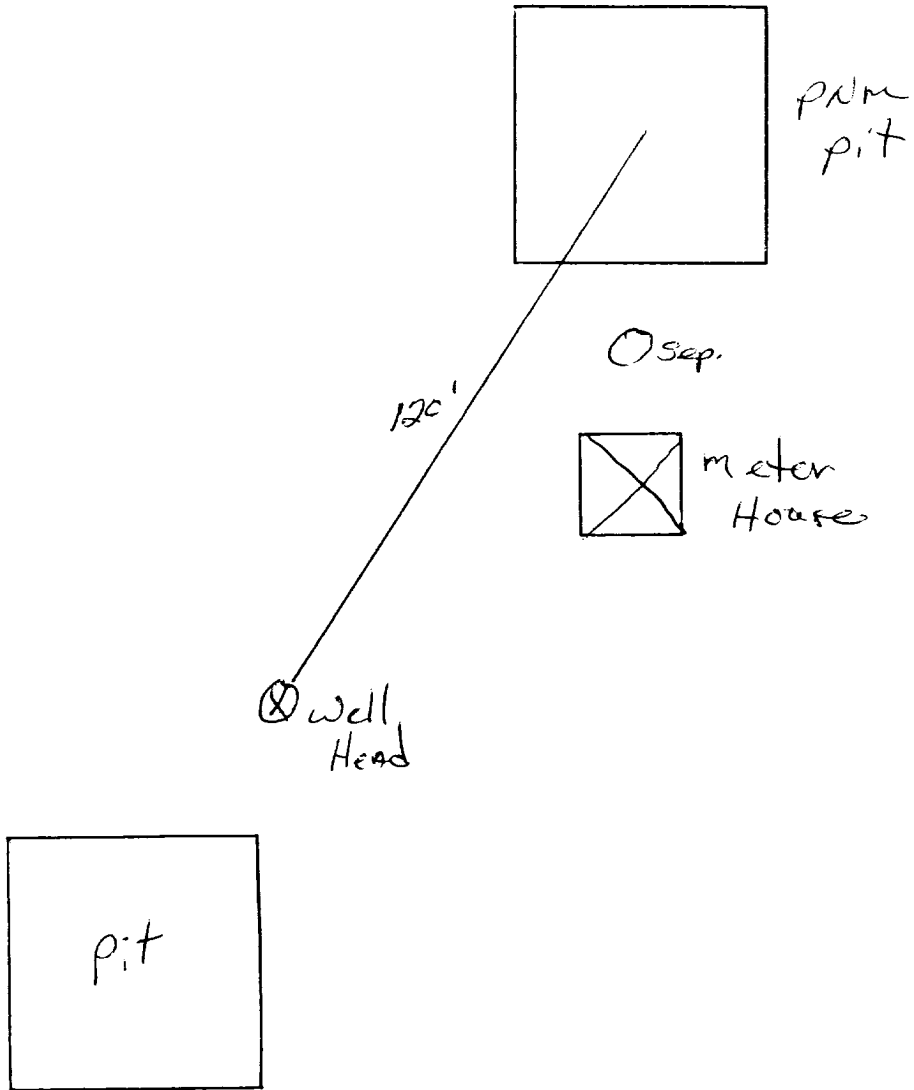
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO \_\_\_\_\_ (REASON): \_\_\_\_\_

SIGNED: Karen E. M...ll DATE: 11-2-98

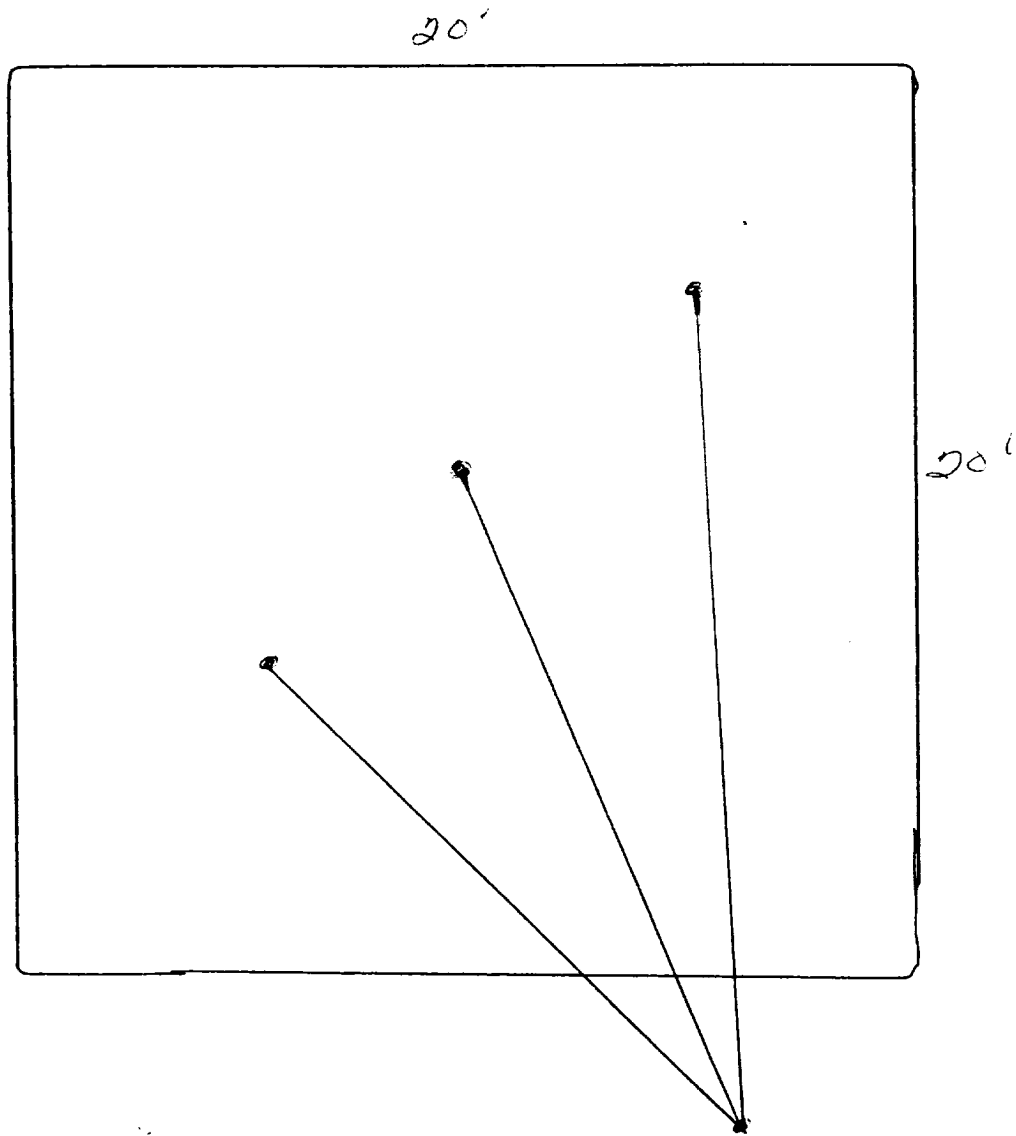
7x1 Apache N-11A  
Sec. 12 T25N R4W Unit B  
-onoco

# Site Drawing



txi Apache N-11A  
Sec. 12 T25N R4W Unit B  
Conoco

# Pit Drawing



Dug 3 test holes 52" Deep  
ATI were below 100 pp—  
Head space reading was 0.4 pp—

OFF: (505) 325-5667



LAB: (505) 325-1556

***Diesel Range Organics***

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

Date: *14-Jan-97*  
COC No.: *5718*  
Sample No. *13350*  
Job No. *2-1000*

Project Name: *PNM Gas Services - Axi Apache N-11A Run 12-31*  
Project Location: *9701091154; 3pt. Composite, 52"*  
Sampled by: *RD* Date: *9-Jan-97* Time: *11:54*  
Analyzed by: *DC/HR* Date: *13-Jan-97*  
Sample Matrix: *Soil*

***Laboratory Analysis***

<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Diesel Range Organics (C10 - C28)</i>	<i>&lt;5.0</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

***Quality Assurance Report***

DRO QC No.: *0512-QC*

***Calibration Check***

<i>Parameter</i>	<i>Method Blank</i>	<i>Unit of Measure</i>	<i>True Value</i>	<i>Analyzed Value</i>	<i>% Diff</i>	<i>Limit</i>
<i>Diesel Range (C10 - C28)</i>	<i>&lt;5.0</i>	<i>ppm</i>	<i>100</i>	<i>101</i>	<i>1.0</i>	<i>15%</i>

***Matrix Spike***

<i>Parameter</i>	<i>1 - Percent Recovered</i>	<i>2 - Percent Recovered</i>	<i>Limit</i>	<i>%RSD</i>	<i>Limit</i>
<i>Diesel Range (C10-C28)</i>	<i>98</i>	<i>100</i>	<i>(70-130)</i>	<i>1</i>	<i>20%</i>

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

Approved by: *[Signature]*  
Date: *1/14/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -