

*Denny G. Frost*  
DEPUTY OIL & GAS INSPECTOR

FEB 28 1997

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

RECEIVED  
OCT 9 1 1995  
OIL & GAS DIV.  
FAR 1

*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: Jicarilla D-1  
Location: Unit: D Sec. 32 T. 26 N R. 3 W County Rio Arriba  
Pit Type: Separator ☒ Dehydrator ☐ Other ☐  
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 18' width 18' depth 3  
(Attach diagram) Reference: wellhead ☒ other ☐  
Footage from reference: 105'  
Direction from reference: Straight Degrees ☒ East of North ☐  
West of South ☐

<b>Depth to Ground Water:</b> (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) Greater than 100 feet (0 points)	<u>0</u>
<b>Wellhead Protection Area:</b> (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)	<u>0</u>
<b>Distance to Surface Water:</b> (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)	<u>0</u>
<b>Distance to Ephemeral Stream (dry wash):</b> (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)	<u>10</u>
<b>Distance to Nearest Lake, Playa, or Watering Pond:</b> (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)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 8/27/96 Date Completed: 8/27/96

Remediation Method: Excavation                      Approx. Cubic Yards 0

(Check all appropriate sections)

Landfarmed                      Amount Landfarmed (cubic yds):                     

Other                     

Remediation Location: Onsite                      Offsite                     

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

General Description of Remedial Action:

Clean close - No contamination found during assessment

Ground Water Encountered: No X Yes                      Depth                     

Final Pit Closure Sampling:

Sample Location 3 Test holes in pit 52" deep

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

Sample depth 52"

Sample date 8/20/96 Sample time 1650

Sample Results

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

Total BTEX (ppm)                      Toluene (ppb)                     

Field headspace (ppm) 0.0 Ethylbenzene (ppb)                     

TPH 9.0 ppm Method 3015 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 8/25/96 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.

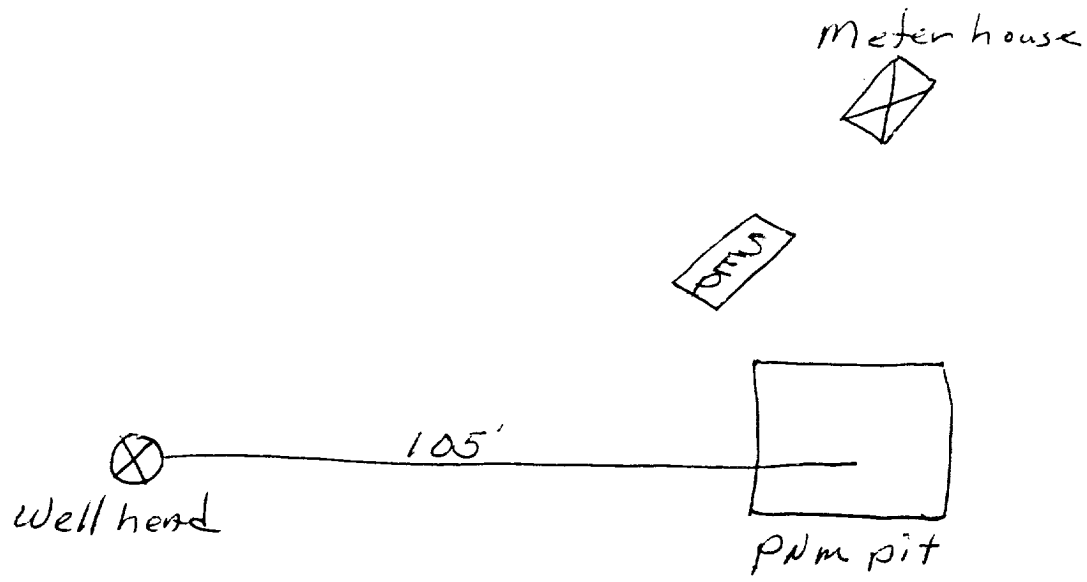
APPROVED: YES X NO                      (REASON):                     

SIGNED: [Signature] DATE: 8-26-96

Jicarilla D-1

Sec. 32 T26N R3W Unit D

Conoco



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: *23-Aug-96*  
COC No.: *4859*  
Sample No. *11869*  
Job No. *2-1000*

Project Name: *PNM Gas Services - Jicarilla D-1 Run 12-71*  
Project Location: *9608201650; 3pt. Composite, 52"*  
Sampled by: *RD* Date: *20-Aug-96* Time: *16:50*  
Analyzed by: *DC/BV* Date: *22-Aug-96*  
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>9.0</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

### *Quality Assurance Report*

*DRO QC No.: 0489-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>104</i>	<i>3.9</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>112</i>	<i>114</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: *8/23/96*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -