

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

U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
NATURAL RESOURCE DAMAGE  
AND OIL & GAS ADMINISTRATION

DEC 1967

Operator: PNM Gas Services Telephone: 324-3763  
Address: 603 W. Elm Farmington, N. Mex. 87401  
Facility or Well Name: Jicarilla E 10 E (Conoco)  
Location: Unit or Qtr/Qtr Sec B Sec 22 ~~R4W~~ R4W County Rio Arriba  
Pit Type: Separator      Dehydrator      Other Two Drips  
Land Type: Jicarilla Apache

Pit dimensions:

length 33', width 24', depth 25'

(Attach diagram)

Reference: wellhead X, other \_\_\_\_\_

Footage from reference: 105'

Direction from reference: Straight Degrees X East North \_\_\_\_\_  
of \_\_\_\_\_ West South \_\_\_\_\_

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

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

(Downgradient dry wash greater than ten feet in width)

Less than 100 feet (10 points)  
Greater than 100 feet (0 points) 10

(Downgradient lakes, playas and livestock or wildlife watering ponds)

d      Less than 100 feet      (10 points)  
Greater than 100 feet      (0 points) 0

(Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources)

Yes (20 points) \_\_\_\_\_  
No (0 points) 0

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

Less than 100 feet (20 points)  
100 feet to 1000 feet (10 points)  
Greater than 1000 feet (0 points)

**RANKING SCORE (TOTAL POINTS):** 10

Date Remediation Started: 6/19/96 Date Completed: 6/26/96  
Remediation Method: Excavation X Approx. cubic yards 733  
(Check all appropriate sections) Landfarmed        ~~Other~~  
Other       

Remediation Location: Onsite        Offsite TNT Land Farm  
(i.e. landfarmed onsite, name and location of offsite facility) Schmitz Ranch, N. Mex

General Description of Remedial Action: Removed contaminated soil to a below 100 ppm head space reading on all 4 walls and pit bottom

Groundwater Encountered: No X Yes        Depth       

Final Pit: Sample location North, East, South, West side  
Closure Sampling: walls and pit bottom  
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 25'  
Sample date 6/19/96 Sample time 1350

Sample Results

Soil: Benzene (ppm)	<u>      </u>	Water: Benzene (ppb)	<u>      </u>
Total BTEX (ppm)	<u>      </u>	Toluene (ppb)	<u>      </u>
Field Headspace (ppm)	<u>87.8</u>	Ethylbenzene (ppb)	<u>      </u>
TPH SC15 (ppm)	<u>62.1</u>	Total Xylenes (ppb)	<u>      </u>

Groundwater 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 BELIEF

DATE 6/19/96 PRINTED NAME Ronald A. Dedrick  
SIGNATURE Ronald A. Dedrick AND TITLE E.T.

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

APPROVED: YES X NO        (REASON)       

SIGNED: K. C. Mamm DATE: 6-24-96

Jicarilla E 10E

Sec 22 T24N R4W Unit B

Conoco

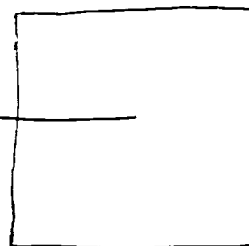


Wellhead



105'

Drip Risers



Drip Columns



OFF: (505) 325-8786



LAB: (505) 325-5667

***Diesel Range Organics***

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

Date: *21-Jun-96*  
COC No.: *4564*  
Sample No. *11239*  
Job No. *2-1000*

Project Name: ***PNM Gas Services - Jicarilla E10E Run 12-41***  
Project Location: ***9606191350; 5pt. Composite***  
Sampled by: *RD* Date: *19-Jun-96* Time: *13:50*  
Analyzed by: *DC* Date: *21-Jun-96*  
Sample Matrix: *Soil*

***Laboratory Analysis***

<b><i>Parameter</i></b>	<b><i>Result</i></b>	<b><i>Unit of Measure</i></b>	<b><i>Detection Limit</i></b>	<b><i>Unit of Measure</i></b>
<b><i>Diesel Range Organics (C10 - C28)</i></b>	<i>62.1</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

***Quality Assurance Report***

DRO QC No.: *0475-QC*

***Calibration Check***

<b><i>Parameter</i></b>	<b><i>Method Blank</i></b>	<b><i>Unit of Measure</i></b>	<b><i>True Value</i></b>	<b><i>Analyzed Value</i></b>	<b><i>% Diff</i></b>	<b><i>Limit</i></b>
<b><i>Diesel Range (C10 - C28)</i></b>	<i>&lt;5.0</i>	<i>ppm</i>	<i>2,000</i>	<i>1,823</i>	<i>8.8</i>	<i>15%</i>

***Matrix Spike***

<b><i>Parameter</i></b>	<b><i>1 - Percent Recovered</i></b>	<b><i>2 - Percent Recovered</i></b>	<b><i>Limit</i></b>	<b><i>%RSD</i></b>	<b><i>Limit</i></b>
<b><i>Diesel Range (C10-C28)</i></b>	<i>103</i>	<i>94</i>	<i>(70-130)</i>	<i>6</i>	<i>20%</i>

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

Approved by: *JaG*  
Date: *6/21/96*

P. O. BOX 2606 • FARMINGTON, NM 87499

— TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT —