

*Dennis G. Faust*  
DEPUTY OIL & GAS INSPECTOR

OCT 19 1996

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

SUBMIT TO  
NATURAL RESOURCE  
AND OIL & GAS ADMINISTRATION

RECEIVED  
JUL 30 1996

PIT REMEDIATION AND CLOSURE REPORT

OIL COAL DIV.  
DIST. 8

Operator: PNM Gas Services Telephone: 324-3763  
Address: 603 W. Elm Farmington, N. Mex. 87401  
Facility or Well Name: Jicarilla A-1 (Conoco)  
Location: Unit or Qtr/Qtr Sec J S. 23 T. 26N R. 4W County Rio Arriba  
Pit Type: Separator ☒ Dehydrator ☐ Other ☐  
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 23', width 19', depth 10'  
(Attach diagram)  
Reference: wellhead X, other \_\_\_\_\_  
Footage from reference: 135'  
Direction from reference: 15 Degrees \_\_\_\_\_ East North \_\_\_\_\_  
\_\_\_\_\_ West of South of West

**Depth To Groundwater:**

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

Less than 50 feet (20 points)  
50 feet to 99 feet (10 points) 2  
Greater than 100 feet (0 points)

**Distance to an Ephemeral Stream**

(Downgradient dry wash greater than  
ten feet in width)

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

**Distance to Nearest Lake, Playa, or Watering Pond**

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

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

RANKING SCORE (TOTAL POINTS): 10

Jicarilla A-1

Date Remediation Started: 6/11/96 Date Completed: \_\_\_\_\_

Remediation Method: Excavation X Approx. cubic yards 161.85  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Amt. landfarmed (yd<sup>3</sup>) 50

Other \_\_\_\_\_

Remediation Location: Onsite \_\_\_\_\_ Offsite \_\_\_\_\_  
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Removed contaminated soil to a less than 100ppm headspace rendering all walls and pit bottom

Groundwater Encountered: No ✓ Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location North, East, South, West side walls  
Closure Sampling: and Pit Bottom  
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 10'  
Sample date 6/11/96 Sample time 1400

Sample Results

Soil: Benzene (ppm)	_____	Water: Benzene (ppb)	_____
Total BTEX (ppm)	_____	Toluene (ppb)	_____
Field Headspace (ppm)	<u>12.3</u>	Ethylbenzene (ppb)	_____
TPH <u>8015</u> (ppm)	<u>&lt;5.0</u>	Total Xylenes (ppb)	_____

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

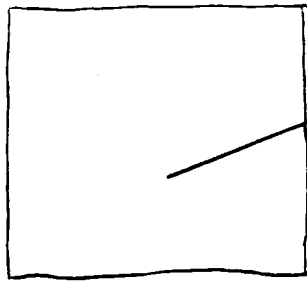
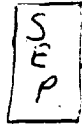
DATE 6/16/96 PRINTED NAME Ronald R Dedrick  
SIGNATURE Ronald R Dedrick AND TITLE E.T.

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

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

SIGNED: [Signature] DATE: 6-18-96

Meter  
House



135'



OFF: (505) 325-8786

# ON SITE

TECHNOLOGIES, LTD.

LAB: (505) 325-5667

**Diesel Range Organics**

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

Date: 17-Jun-96  
 COC No.: 4653  
 Sample No. 11197  
 Job No. 2-1000

Project Name: *PNM Gas Services - Jicarilla A-1 12-41*  
 Project Location: *9606111400; 5pt. Composite*  
 Sampled by: RD Date: 11-Jun-96 Time: 14:00  
 Analyzed by: DC Date: 17-Jun-96  
 Sample Matrix: *Soil*

**Laboratory Analysis**

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

**Quality Assurance Report**

DRO QC No.: 0475-QC

**Calibration Check**

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Diesel Range (C10 - C28)	<5.0	ppm	2,000	1,983	0.8	15%

**Matrix Spike**

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	98	102	(70-130)	3	20%

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

Approved by: *[Signature]*

Date: 6/12/96

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -