

*Donny E. Frost*  
DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

ENVIRONMENTAL PROTECTION OFFICE

SUBMIT 1 COPY TO  
NATURAL  
RESOURCE DEPT  
AND OIL GAS  
ADMINISTRATION

FEB 08 1999

P.O. BOX 507  
DULCE, NEW MEXICO 87528

*Approved*

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: PNM Gas Services (WFS) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Jicarilla J-20 Orip

Location: Unit: P Sec. 26 T. 26 N R. 5 W County Rio Arriba

Pit Type: Separator      Dehydrator      Other Orip

Land Type: Jicarilla Apache

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

(Attach diagram) Reference: wellhead X other Jicarilla J-20

Footage from reference: 268'

Direction from reference: 85° Degrees      East North       
X West of South X

**Depth to Ground Water:**

(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) 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: 10/6/98 Date Completed: 11/2/98 <sup>RAD</sup>  
10/6/98

Remediation Method: Excavation X Approx. Cubic Yards 0  
(Check all appropriate sections) Landfarmed N/A Amount Landfarmed (cubic yds): 0  
Other \_\_\_\_\_

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

General Description of Remedial Action:

No contamination present in pit. Due to depth of 8' with 0 ppm headspace readings.

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

Final Pit Closure Sampling:

(if multiple samples, attach sample result and diagram of sample locations and depths.)  
Sample Location middle of pit @ 8' depth  
Sample depth 8'  
Sample date 10/6/98 Sample time 1510  
Sample Results  
Soil: Benzene (ppm) \_\_\_\_\_ Water: Benzene (ppb) \_\_\_\_\_  
Total BTEX (ppm) \_\_\_\_\_ Toluene (ppb) \_\_\_\_\_  
Field headspace (ppm) .90 ppm Ethylbenzene (ppb) \_\_\_\_\_  
TPH N0 ppm Method TPH-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 10/6/98 PRINTED NAME Gary Cook  
SIGNATURE [Signature] AND TITLE Env. Technician II

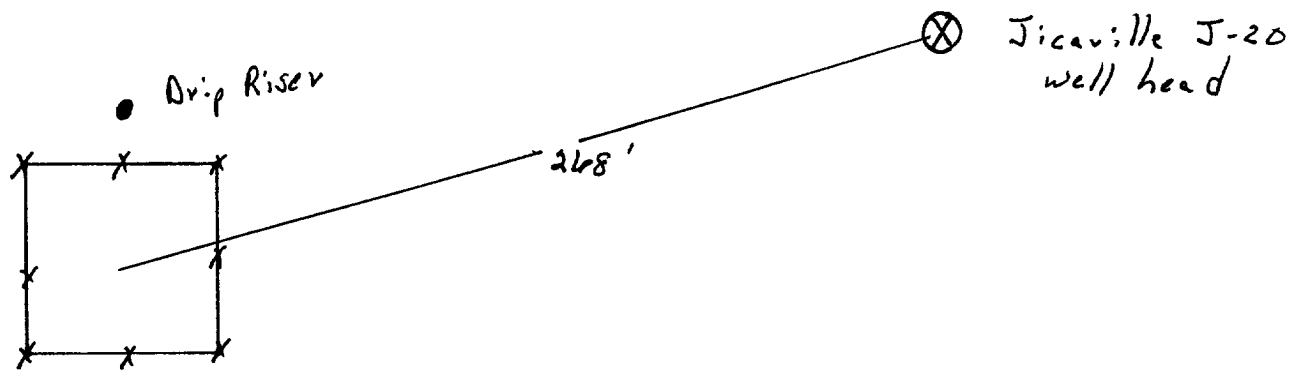
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

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

SIGNED: [Signature] DATE: 11-2-98

Jicaville J-20 Drip  
WFS  
Sec. 26, 26 N, 5W, P

10/6/98



not to scale

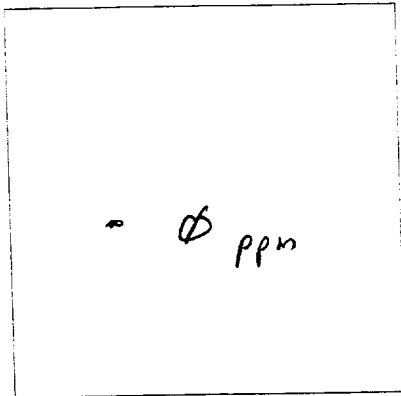
Jic - J-2D

10/6/98

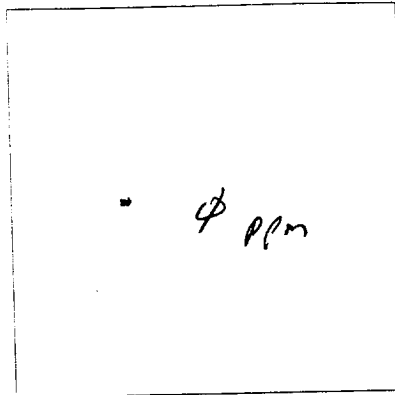
~~WFS~~ WFS

Sec. 26, 26N, 5W, P

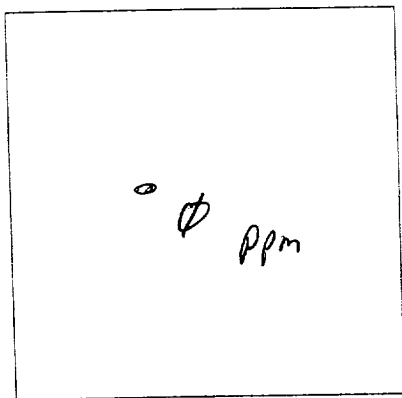
North Wall



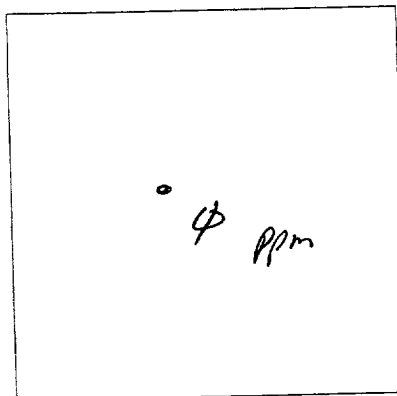
South Wall



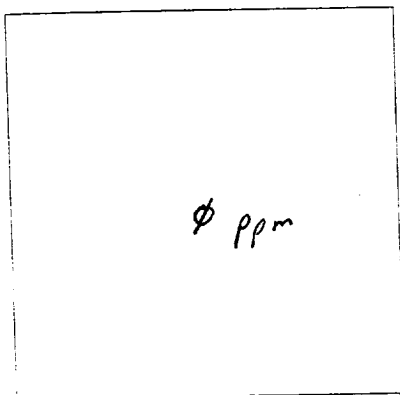
East Wall



West Wall



Bottom



3 pt. comp.  
head space reading = .90 ppm

@ 8' depth

clean closed

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 15-Oct-98

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**CLIENT:** PNM - Public Service Company of NM

**Project:** Jicarilla J-20 Drip

**Lab Order:** 9810031

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## **CASE NARRATIVE**

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 15-Oct-98

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Jicarilla J-20 Drip
<b>Work Order:</b>	9810031	<b>Client Sample ID:</b>	9810061510; 3pt. Comp @ 8ft.
<b>Lab ID:</b>	9810031-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Jicarilla J-20 Drip	<b>Collection Date:</b>	10/6/98 3:10:00 PM
		<b>COC Record:</b>	7398

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				<b>Analyst: HR</b>
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	10/14/98

**Qualifiers:**

PQL - Practical Quantitation Limit  
ND - Not Detected at Practical Quantitation Limit  
J - Analyte detected below Practical Quantitation Limit  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
Surr: - Surrogate

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P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -