

Sammy S. Fout
DEPUTY OIL & GAS INSPECTOR

MAR 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

Approved

PIT REMEDIATION AND CLOSURE REPORT

Operator:	PNM Gas Services (<i>Conoco</i>)	Telephone:	324-3764
Address:	603 W. Elm Street Farmington, NM 87401		
Facility or Well Name:	<i>Jicarilla D-16</i>		
Location:	Unit: <u>P</u>	Sec. <u>30</u>	T. <u>26</u> N R. <u>3</u> W County <u>Rio Arriba</u>
Pit Type:	Separator <input checked="" type="checkbox"/>	Dehydrator <input type="checkbox"/>	Other <input type="checkbox"/>
Land Type:	<u>Jicarilla Apache</u>		
Pit Location:	Pit dimensions: length <u>32'</u> width <u>14'</u> depth <u>24'</u>		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other <input type="checkbox"/>		
	Footage from reference: <u>78'</u>		
	Direction from reference: <u>75</u> Degrees <input type="checkbox"/> East <input type="checkbox"/> North <input type="checkbox"/> <input type="checkbox"/> West <input type="checkbox"/> South <input type="checkbox"/>		
Depth to Ground Water:	Less than 50 feet (20 points)	<input type="checkbox"/>	
(Vertical distance from contaminants to seasonal high water elevation of ground water)	50 feet to 99 feet (10 points)	<input checked="" type="checkbox"/>	
	Greater than 100 feet (0 points)	<input type="checkbox"/>	
Wellhead Protection Area:	Yes (20 points)	<input checked="" type="checkbox"/>	
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	No (0 points)	<input type="checkbox"/>	
Distance to Surface Water:	Less than 200 feet (20 points)	<input type="checkbox"/>	
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	200 feet to 1,000 feet (10 points)	<input checked="" type="checkbox"/>	
	Greater than 1,000 feet (0 points)	<input type="checkbox"/>	
Distance to Ephemeral Stream (dry wash):	Less than or equal to 100 feet (10 points)	<input checked="" type="checkbox"/>	
(Horizontal distance to all downgradient streams having a width of at least 10 feet)	Greater than 100 feet (0 points)	<input type="checkbox"/>	
Distance to Nearest Lake, Playa, or Watering Pond:	Less than or equal to 100 feet (10 points)	<input checked="" type="checkbox"/>	
(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Greater than 100 feet (0 points)	<input type="checkbox"/>	
RANKING SCORE (TOTAL POINTS):			<input checked="" type="checkbox"/>

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OIL CON. DIV.
DIST. 3

Date Remediation Started: 9/10/96 Date Completed: 10/e/96

Remediation Method: Excavation Approx. Cubic Yards 398

(Check all appropriate sections) Landfarmed Amount Landfarmed (cubic yds): 350

Other _____

Remediation Location: Onsite _____ Offsite TNT LANDFARM Schmitz Ranch N.M.
(i.e., landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action:
Removed contaminated soil from all four side walls and bottom of pit as to get a below 100 ppm head space reading.

Ground Water Encountered: No Yes _____ Depth _____

Final Pit Closure Sampling: Sample Location North, East, South, West side walls and Bottom of pit.

(if multiple samples, attach sample result and diagram of sample locations and depths.) Sample depth 24'

Sample date 9/10/96 Sample time 1103

Sample Results

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

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 72.7 Ethylbenzene (ppb) _____

TPH <5.0 ppm Method 8015 Total Xylenes (ppb) _____

Ground Water Sample: Yes _____ No (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 9/15/96 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 NO _____ (REASON): _____

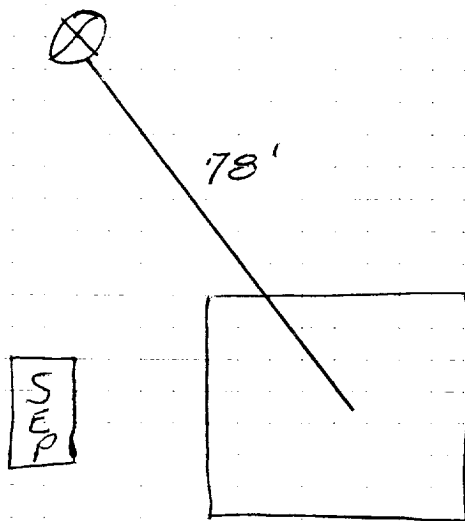
SIGNED: Kenn C. Marshall DATE: 9-17-96

Jicarilla D-16

Sec. 30 T26N R3W

Conoco

Well head



S
E
P



Meter house

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: *12-Sep-96*
COC No.: *5263*
Sample No. *12082*
Job No. *2-1000*

Project Name: *PNM Gas Services - Jicarilla D-16 Run 12-72*
Project Location: *9609101103; 5pt. Composite*
Sampled by: *EP* Date: *10-Sep-96* Time: *11:03*
Analyzed by: *DC/HR* Date: *12-Sep-96*
Sample Matrix: *Soil*

Laboratory Analysis

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

Quality Assurance Report

DRO QC No.: *0489-QC*

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
<i>Diesel Range (C10 - C28)</i>	<i><5.0</i>	<i>ppm</i>	<i>100</i>	<i>104</i>	<i>4.2</i>	<i>15%</i>

Matrix Spike

Parameter	1- Percent Recovered	2- Percent Recovered	Limit	%RSD	Limit
<i>Diesel Range (C10-C28)</i>	<i>98</i>	<i>114</i>	<i>(70-130)</i>	<i>11</i>	<i>20%</i>

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

Approved by: *[Signature]*
Date: *9/12/96*