

Denny L. Faust
DEPUTY OIL & GAS INSPECTOR

OCT 11 9 1996

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

SUBMITTED
NATURAL RESOURCE
AND OIL & GAS ADMINISTRATION

RECEIVED
JUL 30 1996

PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
DIST. 3

Operator: PNM Gas Services Telephone: 324-3763
Address: 603 W Elm Farmington, N. Mex 87401
Facility or Well Name: Jicarilla B-6 (Conoco)
Location: Unit or Qtr/Qtr Sec K Sec 25 T 26N R 4W County Rio Arriba
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 35', width 35', depth 32'
(Attach diagram) Reference: wellhead ☒, other ☐
Footage from reference: 105'
Direction from reference: 80 Degrees ☐ East ☐ North ☐
☐ West ☐ South of East

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)
Greater than 100 feet (0 points) 0

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) 0
No (0 points)

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)
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 10

Jicarilla B-6

Date Remediation Started: 6/12/96 Date Completed: _____
Remediation Method: Excavation X Approx. cubic yards 145185
(Check all appropriate sections) Landfarmed _____
Other _____
Am. landfarmed (yd³) 670

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 soil from all 4 walls and pit bottom to a headspace reading of below 100 ppm

Groundwater Encountered: No X 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 32'
Sample date 6/13/96 Sample time 1359

Sample Results

Soil: Benzene (ppm) _____	Water: Benzene (ppb) _____
Total BTEX (ppm) _____	Toluene (ppb) _____
Field Headspace (ppm) <u>64.4</u>	Ethylbenzene (ppb) _____
TPH <u>8015</u> (ppm) <u><5.0</u>	Total Xylenes (ppb) _____

Groundwater Sample: Yes _____ No X (If yes, attach sample results)

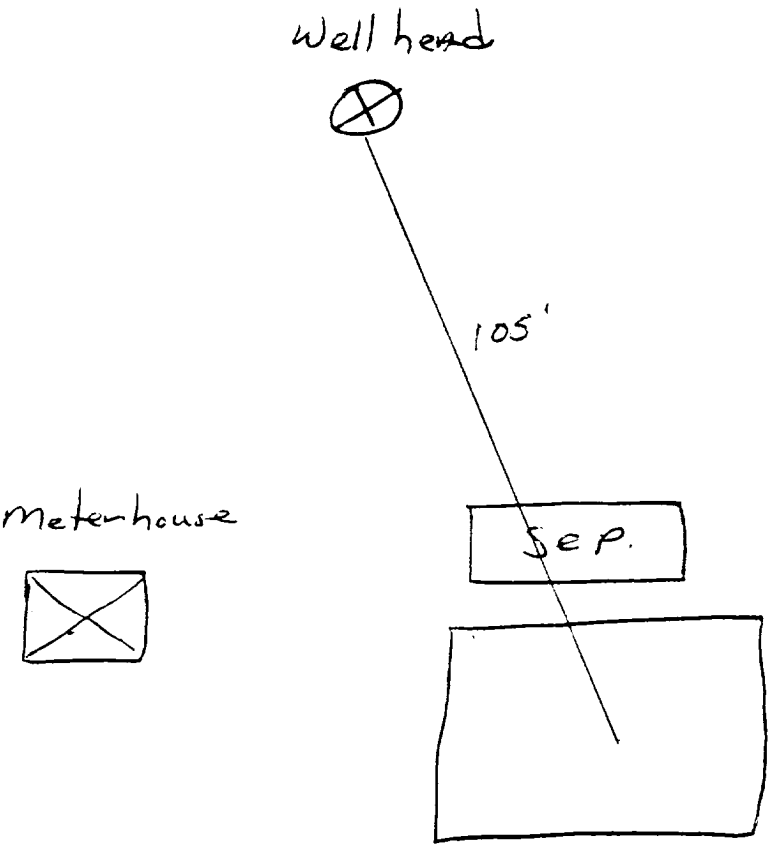
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

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 THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON) _____
SIGNED: Ronald R. Dedrick DATE: 6-18-96

Jicamilla B-6



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: *17-Jun-96*
 COC No.: *4655*
 Sample No. *11201*
 Job No. *2-1000*

Project Name: *PNM Gas Services - Jicarilla B-6 Run 12-41*
 Project Location: *9606131359; 5pt. Composite*
 Sampled by: *RD* Date: *13-Jun-96* Time: *13:59*
 Analyzed by: *DC* Date: *17-Jun-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><5.0</i>	<i>mg/kg</i>	<i>5.0</i>	<i>mg/kg</i>

Quality Assurance ReportDRO QC No.: *0475-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><5.0</i>	<i>ppm</i>	<i>2,000</i>	<i>1,983</i>	<i>0.8</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>98</i>	<i>102</i>	<i>(70-130)</i>	<i>3</i>	<i>20%</i>

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

Approved by: *[Signature]*Date: *6/17/96*

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -