

Denny E. Just
DEPUTY OIL & GAS INSPECTOR

FEB 26 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 BROG Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Jicarilla G-11
Location: Unit: I Sec. 1 T. 26 N. R. 5 W. County Rio Arriba
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 18 width 18 depth 4
(Attach diagram) Reference: wellhead ☒ other ☐
Footage from reference: 90'
Direction from reference: 45 Degrees ☐ East ☒ North ☐
of ☐ West ☐ South ☐

Depth to Ground Water:

(Vertical distance from contaminants
to seasonal high water elevation or
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

RECEIVED
NOV - 3 1997
OIL CON. DIV.
DIST. 3

Date Remediation Started: 1-6-97 Date Completed: 8/25/97

Remediation Method: Excavation N/A Approx. Cubic Yards _____

(Check all
appropriate
sections)

Landfarmed _____ Amount Landfarmed (cubic yds): _____

Other _____

Remediation Location: Onsite _____ Offsite _____

(i.e., landfarmed onsite, name
and location of offsite facility)

General Description of Remedial Action:

Clean Close - Dug 3 holes in the bottom of existing
pit 52" Deep. Highest pid reading was 6.0 ppm

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure
Sampling:

Sample Location 3 point on bottom of pit

(if multiple samples, attach
sample result and diagram of
sample locations and
depths.)

Sample depth 52"

Sample date 1/6/97 Sample time 1232

Sample Results

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

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 17.7 Ethylbenzene (ppb) _____

TPH <5.0 ppm Method 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 6/17/97 PRINTED NAME Ronald A. Dedrick

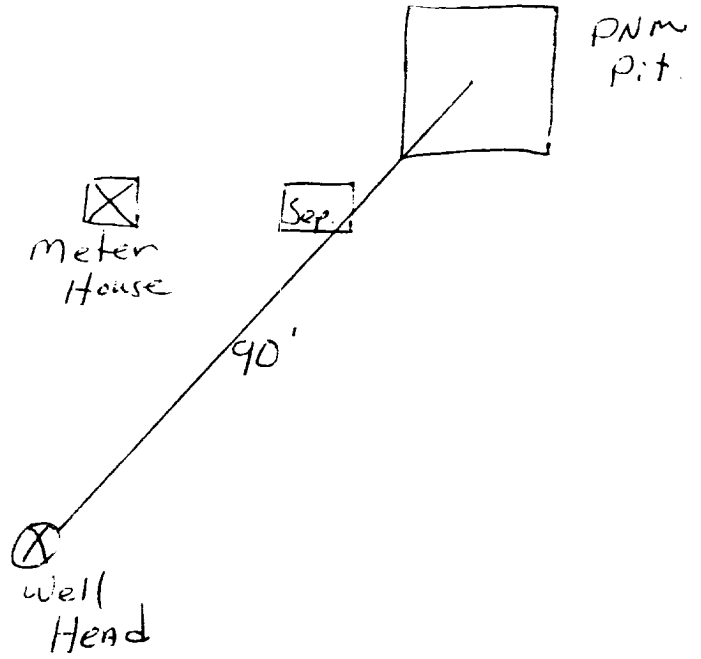
SIGNATURE Ronald A. Dedrick AND TITLE Environmental Technician II

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

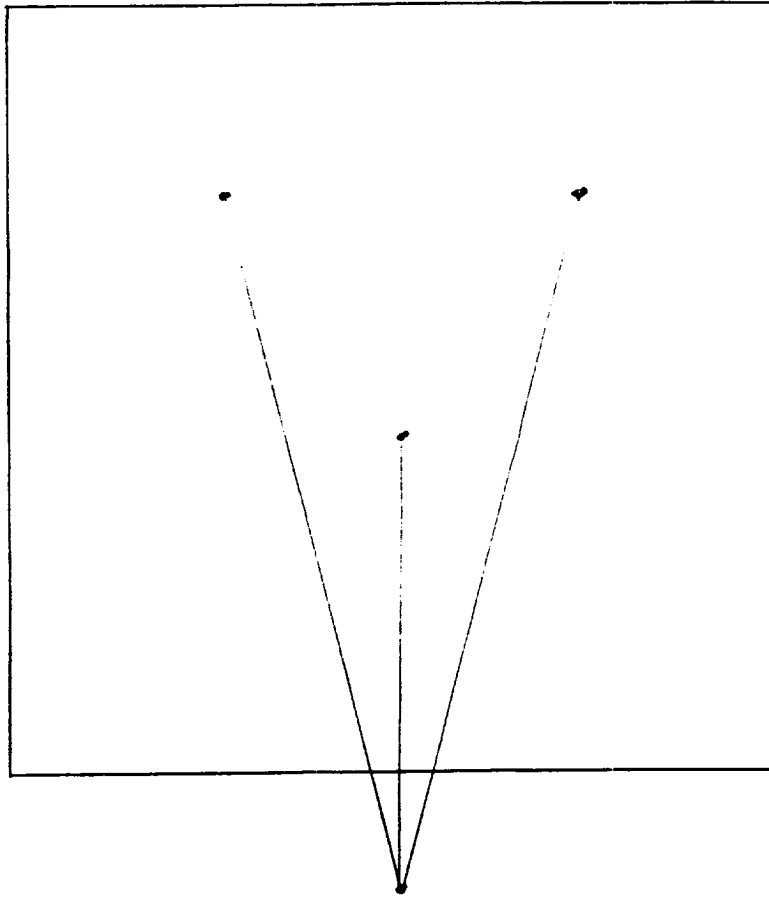
APPROVED: YES X NO _____ (REASON): _____

SIGNED: Kevin M. Mann DATE: 6-23-97

Jicarilla G-11
Sec. 1 T26N R5W Unit I
BROG



Jicarilla G-11
Sec. 1 T24N R5W Unit I
BRGG



On 1/6/97 dug three test holes 52" Deep And took a composite sample. Headspace reading was 17.7 ppm.

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: *8-Jan-97*
 COC No.: *5733*
 Sample No. *13327*
 Job No. *2-1000*

Project Name: **PNM Gas Services - Jicarilla G-11 Run 12-21**Project Location: **9701061232; 3pt. Composite, 52"**Sampled by: *RB* Date: *6-Jan-97* Time: *12:32*Analyzed by: *HR* Date: *7-Jan-97*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.: *0512-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>100</i>	<i>104</i>	<i>4.2</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>100</i>	<i>(70-130)</i>	<i>1</i>	<i>20%</i>

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas ChromatographyApproved by: Date: *1/8/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -