

Denny S. Faust
DEPUTY OIL & GAS INSPECTOR

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

SUBMIT COPY TO

NATURAL RESOURCE DEPT

AND OIL & GAS ADMINISTRATION

OCT 11 9 1996

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
JUL 30 1996

Operator: PNM Gas Services Telephone: 324-3763
Address: 603 W. Elm Farmington, N. Mex. 87401
Facility or Well Name: Jicarilla C-2 Drip (Williams)
Location: Unit or Qtr/Qtr Sec M Sec 11 T26N R4W County Rio Arriba
Pit Type: Separator Dehydrator Other Drip
Land Type: Jicarilla Apache

Pit Location:
(Attach diagram)

Pit dimensions: length 33', width 28', depth 20'
Reference: wellhead , other Drip Column
Footage from reference: 30'
Direction from reference: 45° 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) 0
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) 0
Greater than 100 feet (0 points)

Distance to Nearest Lake, Playa, or Watering Pond

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

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

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) 0
Greater than 1000 feet (0 points)

RANKING SCORE (TOTAL POINTS): 0

Jicarilla C-2 Drip

Date Remediation Started: 6/3/96 Date Completed: _____
Remediation Method: Excavation X Approx. cubic yards 610
(Check all appropriate sections) Landfarmed X Amt. landfarmed (yd³) 610
Other _____

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: Removal of contaminated soil to a field
head space reading of less than 100 ppm on 4 walls. Bottom of pit rock
428 ppm

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Sample location North, East, South, West side
Closure Sampling: walls and bottom of pit.
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 20'
Sample date 6/4/96 Sample time 1000

Sample Results

BTEX 8020

Soil: Benzene (ppm) 0.0013 Water: Benzene (ppb) _____

Total BTEX (ppm) 0.0163 Toluene (ppb) _____

Field Headspace (ppm) _____ Ethylbenzene (ppb) _____

TPH 8015 (ppm) 74.9 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 6/9/96 PRINTED NAME Ronald A Dedrick
SIGNATURE Ronald A Dedrick AND TITLE E.T.

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

APPROVED: YES X NO _____ (REASON) _____

SIGNED: Paul C. Mammill DATE: 6-12-96



OFF: (505) 325-8786

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

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

Date: *8-Jun-96*
COC No.: *4675*
Sample No.: *11115*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Jicarilla C #2 LD*
Project Location: *9606041040; 5pt. Composite*
Sampled by: *RR* Date: *4-Jun-96* Time: *10:40*
Analyzed by: *DC* Date: *7-Jun-96*
Sample Matrix: *Soil*

Laboratory Analysis

Component	Result	Unit of Measure	Detection Limit	Unit of Measure
<i>Benzene</i>	<i>1.3</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Toluene</i>	<i>4.8</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Ethylbenzene</i>	<i>1.2</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>m,p-Xylene</i>	<i>5.7</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>o-Xylene</i>	<i>3.4</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
	<i>TOTAL</i>	<i>16.3</i>		<i>ug/kg</i>

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *DC*
Date: *6/8/96*

P. O. BOX 2606 • FARMINGTON, NM 87499

- COMBINING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-8786

ON SITE

TECHNOLOGIES, I.T.D.

LAB: (505) 325-5667

Diesel Range Organics

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

Date: *8-Jun-96*
 COC No.: *4675*
 Sample No. *11115*
 Job No. *2-1000*

Project Name: *PNM Gas Services - Jicarilla C #2 LD*
 Project Location: *9606041040; 5pt. Composite*
 Sampled by: *RR*
 Analyzed by: *HR*
 Sample Matrix: *Soil*

Date: *4-Jun-96* Time: *10:40*
 Date: *7-Jun-96*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Diesel Range Organics (C10 - C28)	74.9	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	1,765	1,897	7.5	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Diesel Range (C10-C28)	106	105	(70-130)	1	20%

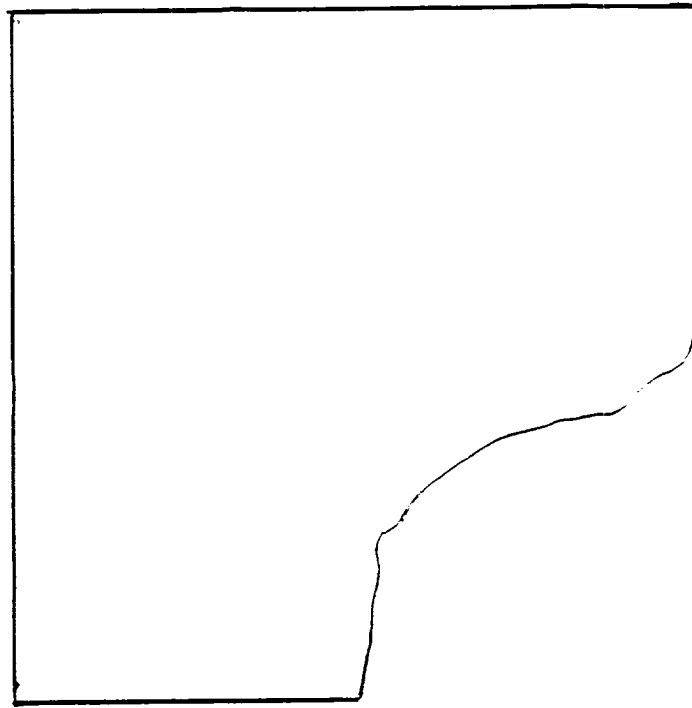
Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *DA*
 Date: *6/8/96*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Jicarilla C-2 Drip
Sec. 11 T26N R4W Unit M
Williams



33' x 28' x 20'