

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
P O Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals, & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address MERIDIAN OIL, INC. PO Box 4289 Farmington, NM 87499 DHC-1009		² OGRID Number 14538
		³ Reason for Filing Code CH/01-01-96
⁴ API Number 30-039-5986	⁵ Pool Name BLANCO P.C. SOUTH (GAS)	⁶ Pool Code 72439
⁷ Property Code 10437	⁸ Property Name ARIZONA JICARILLA A	⁹ Well Number #3

II. ¹⁰Surface Location

UI or lot no. P	Section 13	Township 025N	Range 004W	Lot.Idn	Feet from the 1090	North/South Line S	Feet from the 990	East/West Line E	County RIO ARriba
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¹¹Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County	
¹² Use Code		¹³ Producing Method Code		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
25244	WILLIAMS FIELD SERVICES CO SALT LAKE CITY, UT 84158		G	P-13-T025N-R004W
9018	GIANT INDUSTRIES, INC. 5764 U.S. HWY. 64 FARMINGTON, NM 87401		O	P-13-T025N-R004W

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations
³⁰ Hole Size		³¹ Casing & Tubing Size	³² Depth Set	³³ Sacks Cement

VI. Well Test Data

³⁴ Date New Oil	³⁵ Gas Delivery Date	³⁶ Test Date	³⁷ Test Length	³⁸ Tbg. Pressure	³⁹ Csg. Pressure
⁴⁰ Choke Size	⁴¹ Oil	⁴² Water	⁴³ Gas	⁴⁴ AOF	⁴⁵ Test Method

⁴⁶ I hereby certify that the information of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Dolores Diaz</i>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: SUPERVISOR DISTRICT #3 Approved Date: JAN 12 1996	
Printed Name: DOLORES DIAZ			
Title: PRODUCTION ASSISTANT			
Date: 1 JANUARY, 1996	Phone: (505) 326-9700		
⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator 21281 SOUTHLAND ROYALTY COMPANY			
Previous Operator Signature Signature: <i>Dolores Diaz</i>		Printed Name DOLORES DIAZ	Title PRODUCTION ASSISTANT
		Date 1 JANUARY, 1996	

DEPUTY OIL & GAS INSPECTOR

MAR 23 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 **P**

PIT REMEDIATION AND CLOSURE REPORT

Operator:	PNM Gas Services	(Meridian)	Telephone:	324-3764
Address:	603 W. Elm Street Farmington, NM 87401			
Facility or Well Name:	Arizona Jicarilla A-3			
Location:	Unit: <u>P</u>	Sec. <u>13</u>	T. <u>25</u> N	R. <u>4</u> W
	County <u>Rio Arriba</u>			
Pit Type:	Separator <u>X</u>	Dehydrator <u> </u>	Other <u> </u>	
Land Type:	<u>Jicarilla Apache</u>			

Pit Location:	Pit dimensions:	length <u>18'</u>	width <u>14'</u>	depth <u>15'</u>
(Attach diagram)	Reference:	wellhead <u>X</u>	other <u> </u>	
	Footage from reference:	<u>15'</u>		
	Direction from reference:	<u>45</u> Degrees	East <u> </u>	North <u> </u>
			West <u> </u>	South <u> </u>
			of	

Depth to Ground Water: <small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)	<u>0</u>
Wellhead Protection Area: <small>(Less than 200 feet from a private domestic water source, or; less than 1,000 feet from all other water sources)</small>	Yes No	(20 points) (0 points)	<u>0</u>
Distance to Surface Water: <small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>	Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet	(20 points) (10 points) (0 points)	<u>0</u>
Distance to Ephemeral Stream (dry wash): <small>(Horizontal distance to all downgradient streams having a width of at least 10 feet)</small>	Less than or equal to 100 feet Greater than 100 feet	(10 points) (0 points)	<u>10</u>
Distance to Nearest Lake, Playa, or Watering Pond: <small>(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)</small>	Less than or equal to 100 feet Greater than 100 feet	(10 points) (0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS) :	<u>10</u>
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Date Remediation Started: 9/11/96 Date Completed: 9/30/96

Remediation Method: Excavation X Approx. Cubic Yards 140

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds): 140

Other _____

Remediation Location: Onsite X Offsite _____

(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 X 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 15'

Sample date 9/11/96 Sample time 1030

Sample Results

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

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 98.6 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 9/15/96 PRINTED NAME Ronald A. Dedrick

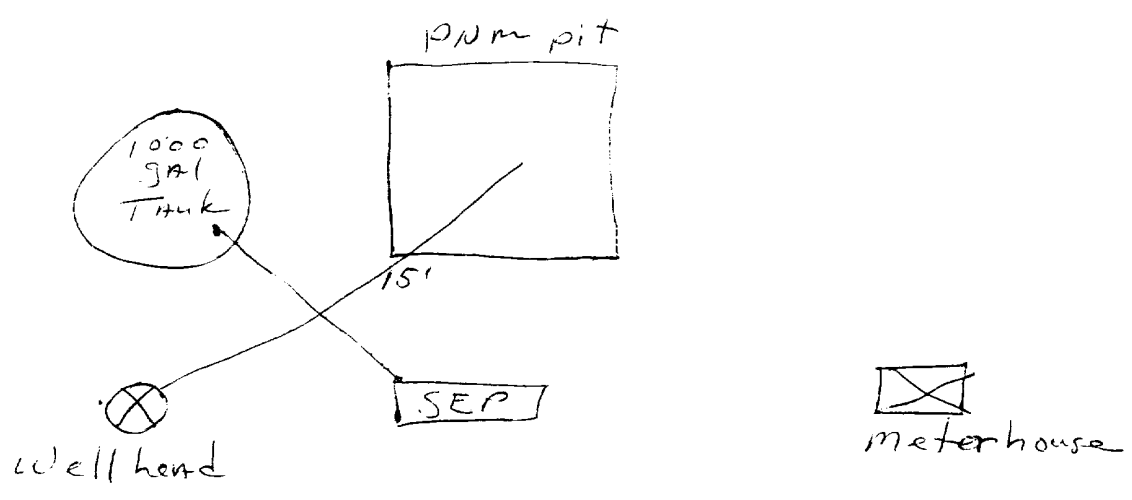
SIGNATURE Ronald A. Dedrick AND TITLE Environmental Technician II

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

APPROVED: YES X NO _____ (REASON): _____

SIGNED: Ronald A. Dedrick DATE: 9-17-96

Arizona Jicarilla A-3
Sec. 13 T25N R4W Unit P
Meridian



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: *11-Sep-96*
COC No.: *5274*
Sample No. *12127*
Job No. *2-1000*

Project Name: *PNM Gas Services - Arizona Jicarilla A-3 Run 12-61*
Project Location: *9609111030; 5pt. Composite*
Sampled by: *PA* Date: *11-Sep-96* Time: *10:30*
Analyzed by: *DC/BV* Date: *11-Sep-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 Report

DRO QC No.: 0489-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>93</i>	<i>7.1</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>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*

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

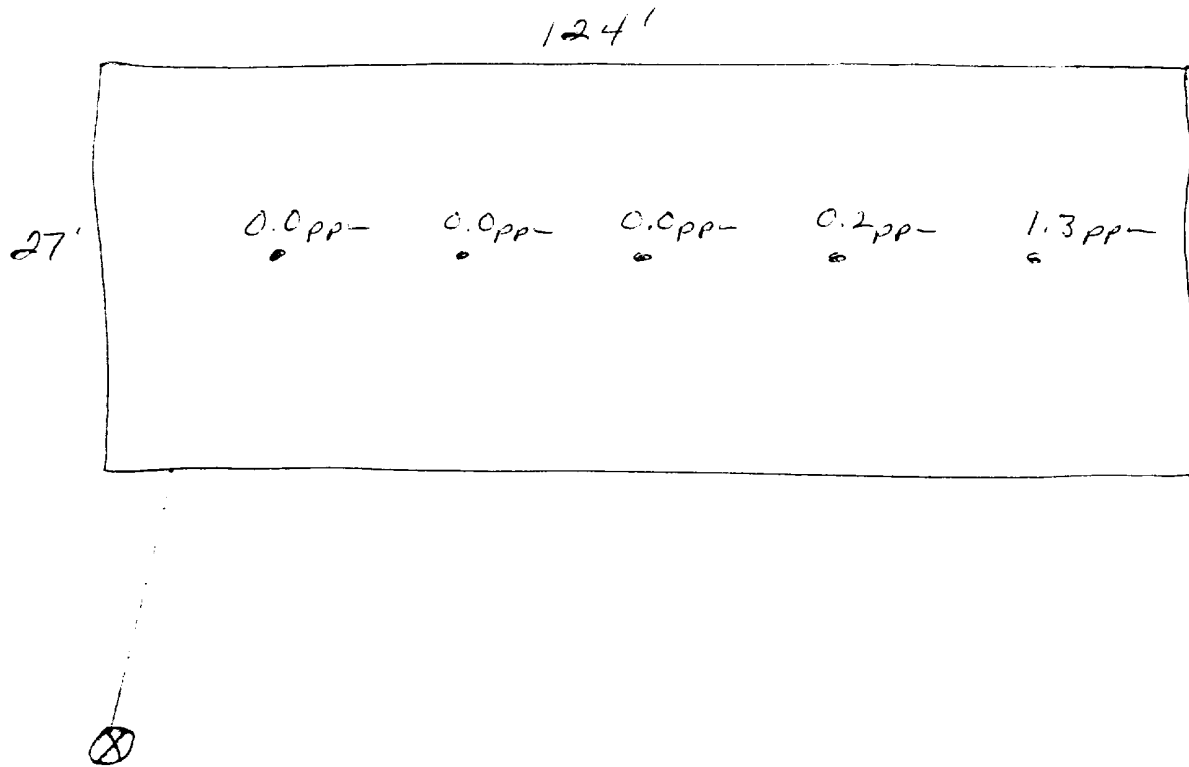
SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL GAS
ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: <u>PNM Gas Services (Meridian)</u> Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>	
Facility or Well Name: <u>Arizona Jicarilla A-3</u>	
Location:	Unit: <u>P</u> Sec. <u>13</u> T. <u>25 N</u> R. <u>4 W</u> County <u>Rio Arriba</u>
Land Type: <u>Jicarilla Apache</u>	
Date Remediation Started: <u>9/11/96</u> Date Completed: <u>10/2/96</u>	
Remediation Method: Landfarmed <input checked="" type="checkbox"/> Approx. cubic yards <u>140</u>	
Composted <input type="checkbox"/>	
Other <input type="checkbox"/>	
Depth to Ground Water: (pts.) <u>0</u>	Final Closure Sampling:
Distance to an Ephemeral Stream: (pts.) <u>10</u>	Sampling Date: <u>10/2/96</u> Time <u>1153</u>
Distance to Nearest Lake, Playa, or Watering Pond: (pts.) <u>0</u>	Sampling Results:
Wellhead Protection Area: (pts.) <u>0</u>	Field Headspace (ppm) <u>1.3</u>
Distance to Surface Water: (pts.) <u>0</u>	TPH (ppm) <u><5.0</u> Method <u>8015</u>
Ranking Score (Total Points): <u>10</u>	Other _____
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF	
DATE <u>10/5/96</u>	PRINTED NAME <u>Ronald A. Dedrick</u>
SIGNATURE <u>Ronald A. Dedrick</u>	AND TITLE <u>Environmental Technician II</u>
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE	
APPROVED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (REASON) _____	
SIGNED: <u>Habert Jule</u>	DATE: <u>10/7/96</u>

Arizona Jicarilla 17-5
Sec 13 T25N R4W Unit P
Meridian

Land Farm



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: *3-Oct-96*
 COC No.: *5334*
 Sample No. *12431*
 Job No. *2-1000*

Project Name: *PNM Gas Services - Arizona Jicarilla A-3 Landfarm Run 12-61*
 Project Location: *9610021153; 5pt. Composite*
 Sampled by: *RD* Date: *2-Oct-96* Time: *11:53*
 Analyzed by: *BV* Date: *3-Oct-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.: *0489-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>94</i>	<i>5.8</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>91</i>	<i>79</i>	<i>(70-130)</i>	<i>10</i>	<i>20%</i>

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

Approved by: *[Signature]*
 Date: *10/3/96*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -