

**NORTHWEST PIPELINE CORPORATION**  
ONE OF THE WILLIAMS COMPANIES 

P.O. BOX 58900  
SALT LAKE CITY, UTAH 84158-0900  
801-583-8800  
FAX: (801) 584-6483

June 7, 1994

*Received  
6/8/94*

New Mexico Oil & Gas Conservation Commission  
P.O. Box 2088  
State Land Office Building  
Santa Fe, New Mexico 87504

Attention: Mike Stogner  
Chief Hearing Examiner/Engineer

Re: Application for Unorthodox Locations and Non- Standard Proration Unit.

Dear Mr. Stogner:

The Bureau of Land Management and the Bureau of Reclamation has requested Northwest Pipeline (NWP) stake two wells in our upcoming drilling program as unorthodox locations. Both agencies have indicated that you would approve these locations administratively.

The proposed wells are: 1) ~~Rosa Unit #138, located 2218' FSL, 580' FEL (Unit C), section 17, T31N, R6W, San Juan Co.,~~ 2) Rosa Unit #140, located 1861' FSL, 1705' FWL (Unit K), section 22, T31N, R6W, Rio Arriba Co.. The ~~#138~~ has been proposed as a dually completed Pictured Cliffs and Mesa Verde well. The #140 has been proposed as a Pictured Cliffs well (see attached wellbore diagrams).

The offset acreage from both wells lies within the boundaries of the Rosa Unit. As Unit operator, NWP does not oppose the unorthodox locations.

NWP has proposed the Rosa Unit #137, a dually completed Mesa Verde and Pictured Cliffs well, staked 1321' FSL, 820' FWL, section 31, T31N, R5W, Rio Arriba Co.. There are only 465.88 acres in section 31; 320 acres in the E/2 and 145.88 acres (lots 1-4) in the W/2. NWP proposes to dedicate the Mesa Verde: N/2 and S/2 and the Pictured Cliffs: NE/4, SE/4 and Lots 1-4. The #137 Mesa Verde will have S/2 dedication (232.99 acres) and the Pictured Cliffs will have Lots 1-4 dedication (145.88 acres).

The offset operator, Phillips Petroleum Co., has signed a waiver which should be in your possession. If you do not have a signed copy of the waiver, please let me know and I will send or fax you a copy.

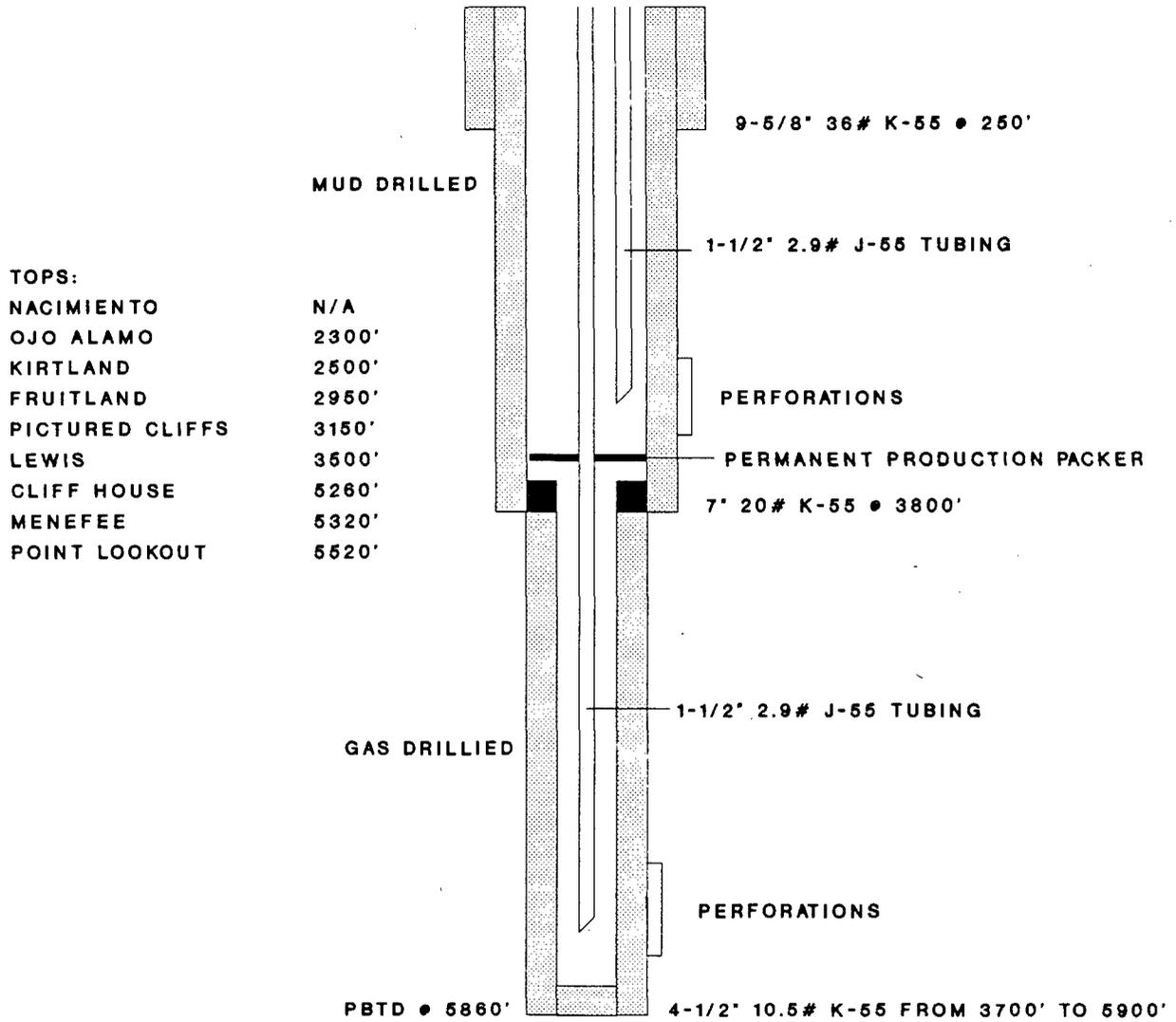
If you have any questions, please call me at (801)584-7103. Thank you for your help.

Sincerely,

  
Mark McCallister  
Sr. Engineer, Production & Drilling

file:unorth/c

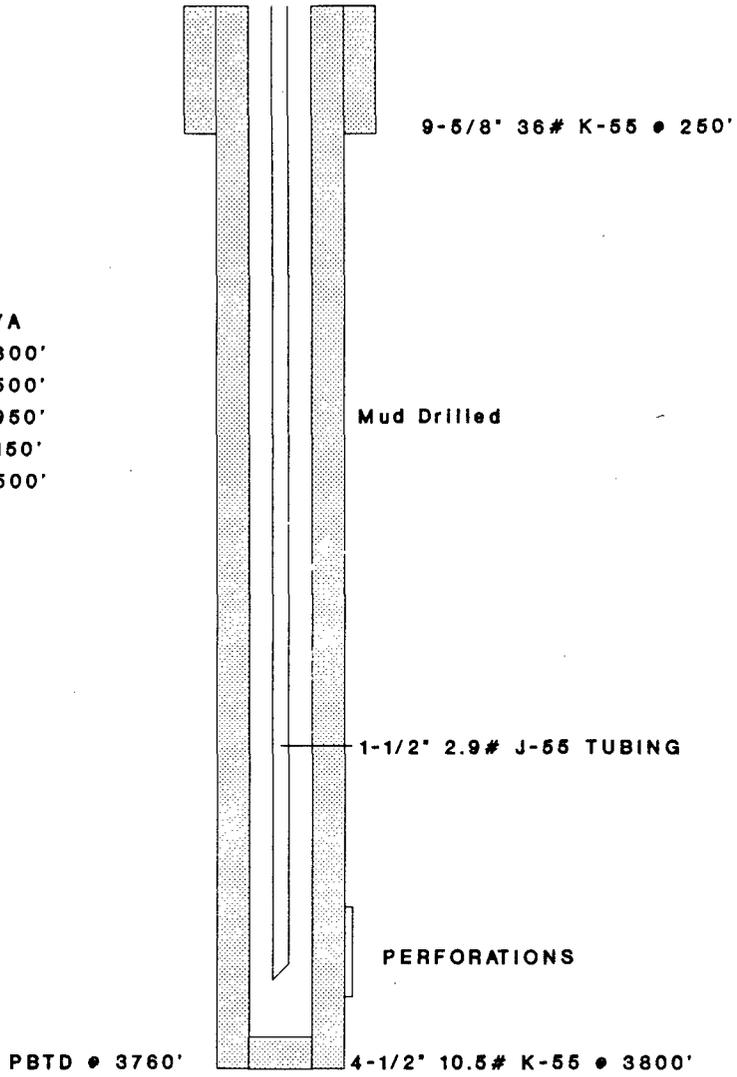
## WELLBORE DIAGRAM TYPICAL ROSA UNIT PC/MV DUAL COMPLETION



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	135 SX	160 CU.FT.	SURFACE
8-3/4"	7" 20#	550 SX	1050 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	220 SX	380 CU.FT.	LINER TOP

**WELLBORE DIAGRAM  
TYPICAL ROSA UNIT PICTURED CLIFFS WELL**

**TOPS:**  
**NACIMIENTO**            **N/A**  
**OJO ALAMO**            **2300'**  
**KIRTLAND**              **2500'**  
**FRUITLAND**            **2950'**  
**PICTURED CLIFFS**     **3150'**  
**LEWIS**                  **3500'**



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	8-5/8" 24#	175 SX	207 CU.FT.	SURFACE
6-3/4"	4-1/2" 10.5#	490 SX	925 CU.FT.	SURFACE

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

Form C-102  
 Revised February 10, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 66725		<sup>3</sup> Pool Name PICTURED CLIFF	
<sup>4</sup> Property Code 008480		<sup>5</sup> Property Name ROSA UNIT			<sup>6</sup> Well Number # 137
<sup>7</sup> OGRID No. 16189		<sup>8</sup> Operator Name NORTHWEST PIPELINE CORPORATION			<sup>9</sup> Elevation 6548

<sup>10</sup> Surface Location

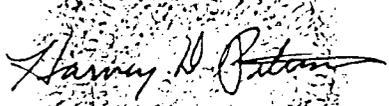
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	31	31N	5W		1321'	FSL	820'	FWL	RIO ARRIBA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <i>Lots 1-4 145.88</i>	<sup>13</sup> Joint or Infill Y	<sup>14</sup> Consolidation Code U	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p>	<p><b>17 OPERATOR CERTIFICATION</b>  <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p>	
	<p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>Date _____</p>	
	<p><b>18 SURVEYOR CERTIFICATION</b>  <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>APRIL 5, 1994</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:  </p>	
	<p>Certificate Number</p>	

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 10, 1994  
Instructions on back  
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OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APN Number		Pool Code	Pool Name <b>PICTURED CLIFF</b>
Property Code	Property Name <b>ROSA UNIT</b>		Well Number <b># 138</b>
CGWD No.	Operator Name <b>NORTHWEST PIPELINE CORPORATION</b>		Elevation <b>6399</b>

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from line	North/South line	Feet from line	East/West line	County
1	17	31N	6W		2218'	FSL	580'	FEL	SAN JUAN

11 Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from line	North/South line	Feet from line	East/West line	County

Dedicated Area	Joint or Indiv <b>Y</b>	Consolidation Code <b>U</b>	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature \_\_\_\_\_  
Printed Name \_\_\_\_\_  
Title \_\_\_\_\_  
Date \_\_\_\_\_

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**18 SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

**JUNE 3, 1994**

Date of Survey \_\_\_\_\_  
Signature and Seal of Professional Surveyor  
*James W. [Signature]*

Certificate Number **6707**

District I  
 PO Box 1880, Hobbs, NM 88241-1980

District II  
 PO Drawer DD, Artesia, NM 88211-0719

District III  
 1305 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

Form C-102  
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OIL CONSERVATION DIVISION  
 PO Box 2088  
 Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name PICTURED CLIFF	
4 Property Code		5 Property Name ROSA UNIT		6 Well Number # 140	
7 OGRID No.		8 Operator Name NORTHWEST PIPELINE CORPORATION		9 Elevation 6246	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	22	31N	6W		1861'	FSL	1705'	FWL	RIO ARRIBA

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Decanted Acres	13 Joint or InJLI Y	14 Consolidation Code U	15 Order No.
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16	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief		
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**WILLIAMS FIELD SERVICES**  
 ONE OF THE WILLIAMS COMPANIES

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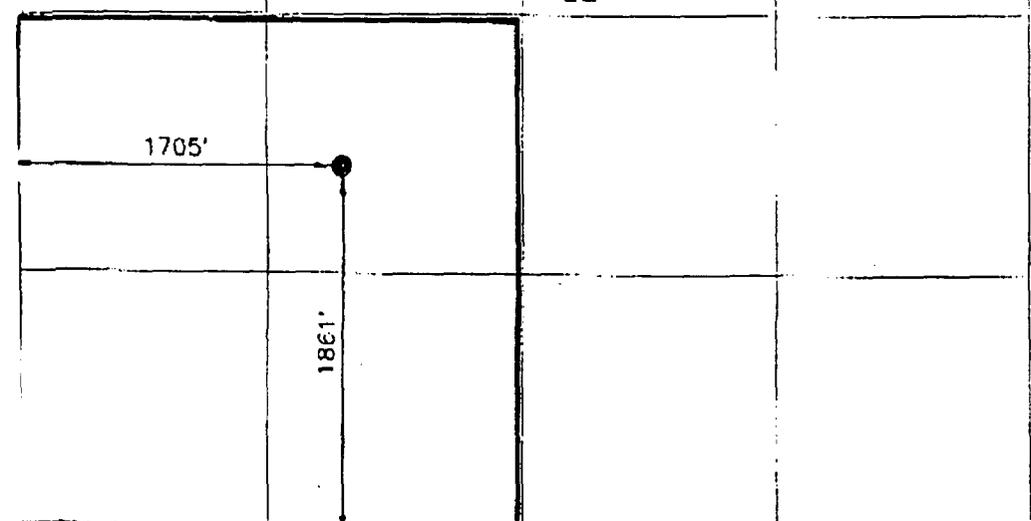
Date: \_\_\_\_\_ From: Mark McCallister

To: \_\_\_\_\_ Co. Williams Field Services

Co. \_\_\_\_\_ Phone # \_\_\_\_\_

Fax # \_\_\_\_\_ Fax # 7747

SEC. 22



18 SURVEYOR CERTIFICATION  
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

MAY 18, 1994

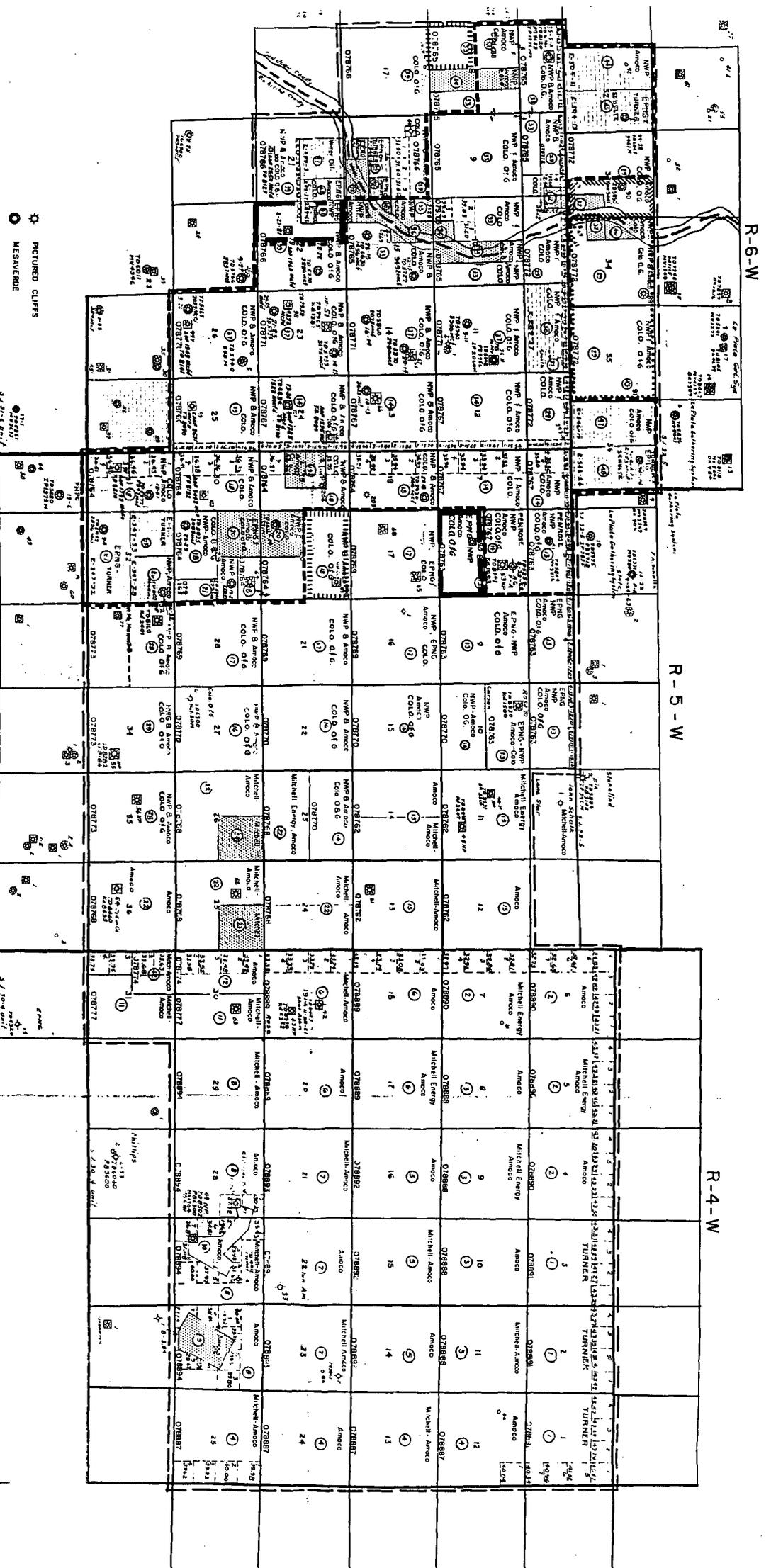
Date of Survey

Signature and Seal of Professional Surveyor

*Larry H. Peterson*

6707

Certificate Number



**ROSA UNIT**  
**SAN JUAN COUNTY NEW MEX.**  
**RIO ARriba COUNTY NEW MEX.**  
 SCALE 1" = 4000 FT.

- PICTURED CLIFFS
- MESAVENDE
- DAKOTA
- FEDERAL LANDS
- STATE LANDS
- PATENTED LANDS
- ACREAGE NOT COMMITTED TO UNIT

- Mesaverde Participating Area
- 11th Expansion of the Km<sup>2</sup> Participating Area EII 4-1-81
- 12th Expansion of the Km<sup>2</sup> Participating Area EII 5-1-81
- 13th Expansion of the Km<sup>2</sup> Participating Area EII 10-1-81
- 14th Expansion of the Km<sup>2</sup> Participating Area EII 12-1-81
- Proposed 15th Expansion of the Km<sup>2</sup> Participating Area EII 1-1-83

UNIT AGREEMENT  
 APPROVED  
 NUMBER



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

June 10, 1994

**Northwest Pipeline Corporation**  
**P.O. Box 58900**  
**Salt Lake City, Utah 84158-0900**

**Attention: Mark McCallister**

*RE: Administrative Application for an  
Unorthodox Gas Well Location.  
Rosa Unit Well No. 38;  
2218'FSL-580'FEL (Unit L) of Section 17, Township 31  
North, Range 6 West, NMPM, Pictured Cliffs formation,  
San Juan County, New Mexico.*

Dear Mr. McCallister:

Your letter of application dated June 7, 1994 for the subject well made mention to the fact that it was to be dually completed in both the Pictured Cliffs formation and Blanco Mesaverde Pool. What will the orientation of the 320-acre dedication for the Blanco Mesaverde interval be for this well?

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: Oil Conservation Division - Aztec