

**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.

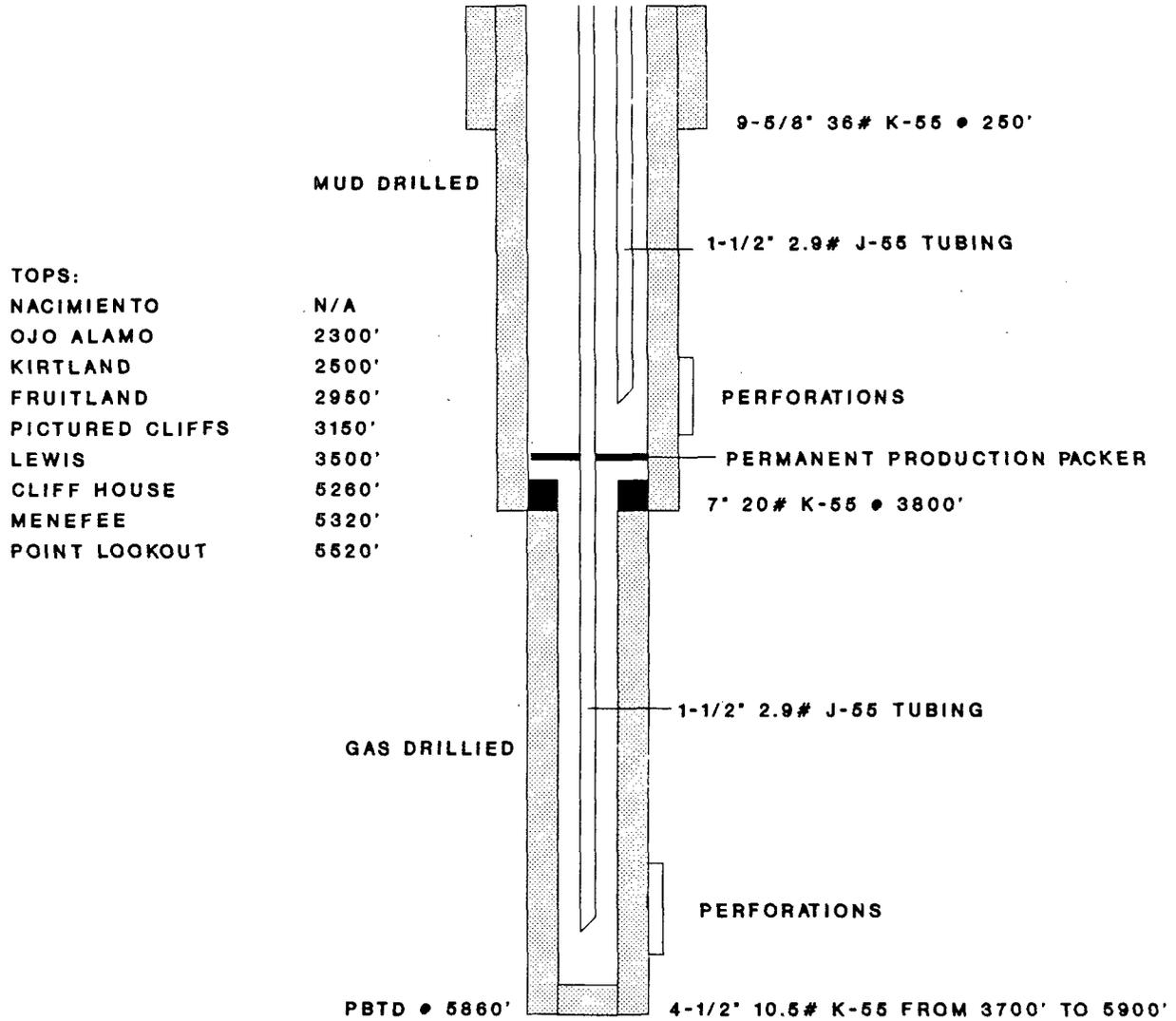
If you have any questions, please call me at (801)584-7103. Thank you for your help.

Sincerely,

  
Mark McCallister  
Sr. Engineer, Production & Drilling

file:unorthlc

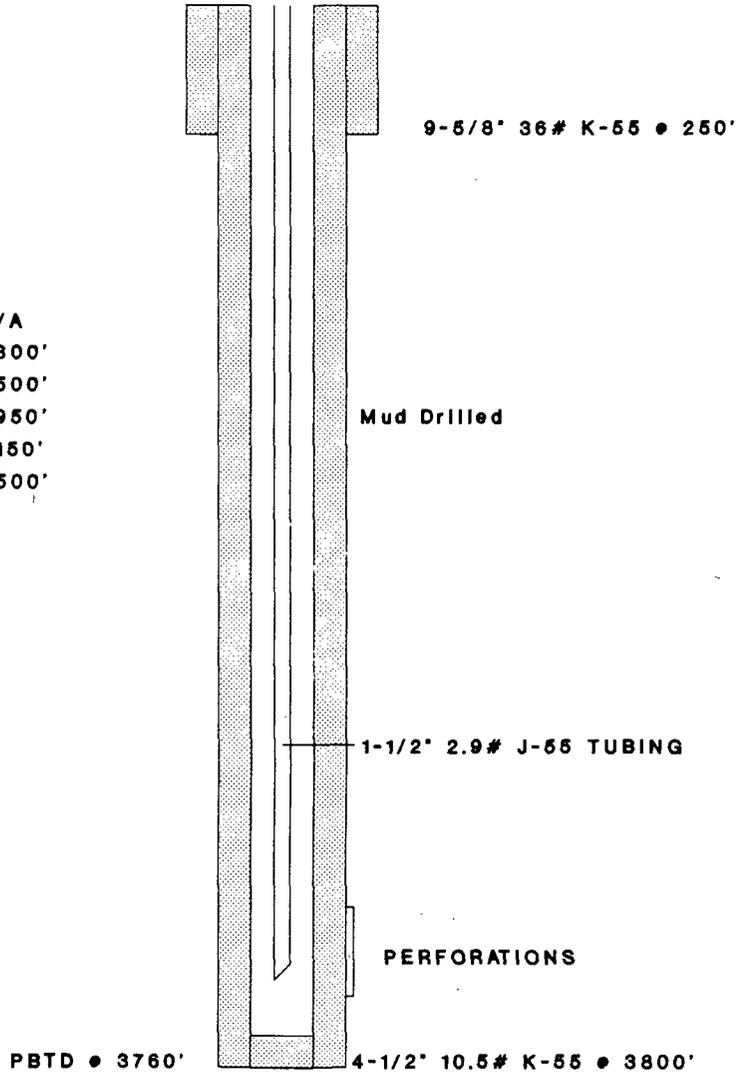
## WELLBORE DIAGRAM TYPICAL ROSA UNIT PC/MV DUAL COMPLETION



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
8-3/4"	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 Lots 1-4 146.88	<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>LOT 1</p> <p>LOT 2</p> <p>LOT 3</p> <p>820'</p> <p>LOT 4</p> <p>1321'</p> <p>SEC. 31</p>	<p>17 OPERATOR CERTIFICATION</p> <p><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>18 SURVEYOR CERTIFICATION</p> <p><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><i>Harvey D. Patton</i></p> <p>Certificate Number</p>	

District I  
 P.O. Box 1900, Hobbs, NM 88241-1900  
 District II  
 P.O. Drawer 20, Artesia, NM 88211-0219  
 District III  
 1200 Rio Grande Rd., Artesia, NM 87410  
 District IV  
 P.O. Box 2088, Santa Fe, NM 87504-2088

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 Energy, Minerals & Natural Resources Department

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name <b>PICTURED CLIFF</b>
Property Code	Property Name <b>ROSA UNIT</b>	Well Number <b># 138</b>
OGWD 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 Acres	Joint or In'd	Consolidation Code	Order No.
	Y	U	

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>SEC. 17</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>Date _____</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p><b>JUNE 3, 1994</b></p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor</p> <p>6707</p> <p>Certificate Number _____</p>

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

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

District III  
1300 Rio Brazos Rd., Aztec, NM 87410

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

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**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
<b>K</b>	<b>22</b>	<b>31N</b>	<b>6W</b>		<b>1861'</b>	<b>FSL</b>	<b>1705'</b>	<b>FWL</b>	<b>RIO ARRIBA</b>

**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 Dedicated Acres	13 Joint or IN/CI <b>Y</b>	14 Consolidation Code <b>U</b>	15 Order No.
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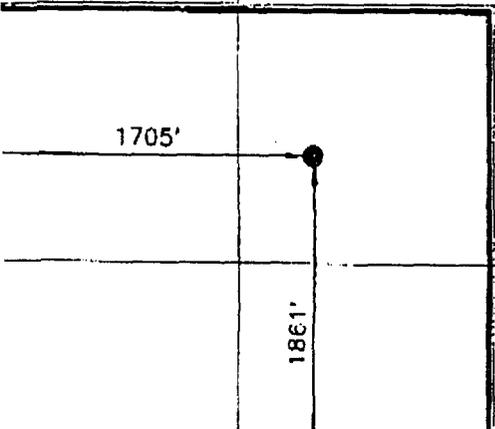
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**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief



Date:	From	# of pages ▶
To: <b>Mark McCallister</b>	Co. <b>Williams Field Services</b>	
Co.	Phone #	
Fax #	Fax # <b>7747</b>	

SEC. 22



1531  
2040  
1861  
774

**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  
*Harry H. Peterson*

Sec : 22 Twp : 31N Rng : 06W Section Type : NORMAL

L 40.00  Federal owned	K 40.00  Federal owned A A	J 40.00  Federal owned	I 40.00  Federal owned
M 40.00  Fee owned	N 40.00  Fee owned	O 40.00  Fee owned	P 40.00  Fee owned

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

Sec : 22 Twp : 31N Rng : 06W Section Type : NORMAL

40 73.21  OPEN	C 40.00  Federal owned	B 40.00  Federal owned	A 40.00  Federal owned
1 40 8.41 73.21  OPEN	F 40.00  Federal owned	G 40.00  Federal owned	H 40.00  Federal owned  A A A

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            PF12