

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. UNIT AGREEMENT NAME ROSA UNIT 008480	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. #153	
2. NAME OF OPERATOR NORTHWEST PIPELINE CORPORATION		9. APPLICANT 30-039-25524	
3. ADDRESS AND TELEPHONE NO. c/o Walsh Engr. & Prod. Corp. 7415 E. Main Farmington, N.M. 87402 505 327-4892		10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE 72319	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 985' FSL & 1585' FEL At proposed prod. zone Same		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17, T31N, R5W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles Northeast of Blanco, New Mexico		12. COUNTY OR PARISH Rio Arriba	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 985'		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6302' GL		22. APPROX. DATE WORK WILL START* JUNE 15, 1995	
23. PROPOSED CASING AND CEMENTING PROGRAM			

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8", K-55	36.0	250'	161 cuft Cl "B" w/3% CaCl2
8-3/4"	7", K-55	20.0	3605'	933 cuft 65/35 poz, 171 cuft Cl "B"
6-1/4"	4-1/2", K-55	10.5	3505'-6025'	415 cuft Cl "B" w/4% gel & additives

DRILLING OPERATIONS ARE  
SUBJECT TO US BLM AND ATTACHED  
GENERAL REQUIREMENTS

NORTHWEST PIPELINE proposes to drill a vertical well to develop the Mesa Verde formation at the above described site in accordance with the attached drilling and surface use programs.

This location has been archaeologically surveyed by CRMC. Copies of the report will be submitted directly to your office.

This APD also is serving as an application to obtain BLM road and pipeline right-of-way. The road right-of-way is a new road approximately 1036' long crossing the E/2 SW of Section 17 where it joins an existing road that crosses the NE/NW of Section 20, the S/2 SW of Section 19, the NE/SE of Section 18, the NW/SW and W/2 NW of Section 19, all of T31N, R5W where it joins the Rosa Road. The Rosa Road continues SE for 20 miles where it joins the Sims Mesa Highway.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Paul C. Thompson TITLE Paul C. Thompson, Agent DATE 4/17/95

(This space for Federal Use)  
**RECEIVED**

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature]  
OIL CON. DIV.  
DIST. 3

TITLE MMOCD

[Signature]  
DISTRICT MANAGER  
JUN 09 1995

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

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

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <i>30-039-25524</i>		Pool Code 72319	Pool Name BLANCO MESA VERDE
Property Code <i>008480 17033</i>	Property Name Rosa Unit		Well Number 153
OCRID No. <i>120782</i> <del>16189</del>	Operator Name <i>Walsh Engr. &amp; Prod. Co</i> Northwest Pipeline Production		Elevation 6302'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	17	31 N	5 W		985	South	1585	East	R.A.

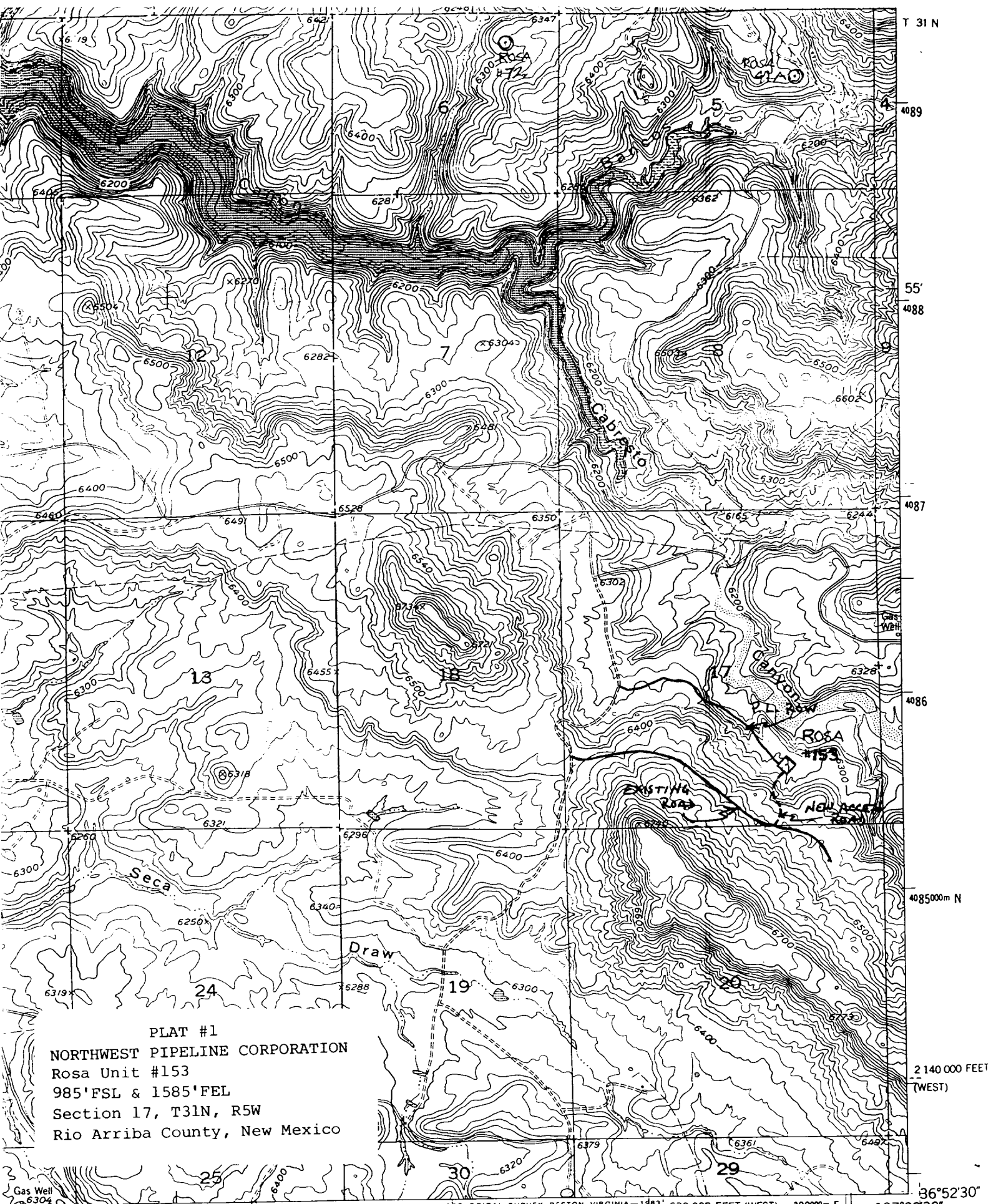
<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<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

<div>16</div> <div>5276.04'</div> <div>5281.00'</div> <div>RECEIVED JUN 3 1995 OIL CON. DIV. DIST. 3</div>	<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Paul C. Thompson</i> Signature Paul C. Thompson, PE (AGENT) Printed Name President Walsh Engr. &amp; Prod. Corp. Title 4/17/95 Date</p> <div>18 SURVEYOR CERTIFICATION</div> <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>3-14-95 Date of Survey <i>NEALE C. EDWARDS</i> Signature and Seal of Professional Surveyor NEALE C. EDWARDS 0837 0857 Certificate Number</p>	
	<div>17</div> <div>1585'</div> <div>985'</div> <div>5284.02'</div>	



PLAT #1  
NORTHWEST PIPELINE CORPORATION  
Rosa Unit #153  
985' FSL & 1585' FEL  
Section 17, T31N, R5W  
Rio Arriba County, New Mexico