

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-039-22778  
5. LEASE DESIGNATION AND SERIAL NO.

SF 078764

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Rosa Unit

8. FARM OR LEASE NAME

Rosa Unit

9. WELL NO.

#85

10. FIELD AND POOL, OR WILDCAT  
Blanco MV/Basin DK11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec 20, T31N, R5W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

N.M.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☒

2. NAME OF OPERATOR

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

P.O. Box 90, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 800' FNL & 990' FEL Sec 20, T31N, R5W  
At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

20 Miles Northeast of Navajo Dam Post Office

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to deepest drilg. unit line, if any)

800'

16. NO. OF ACRES IN LEASE

N/A

NO. OF ACRES ASSIGNED  
TO THIS WELL

1320 MV / 1320 DK

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

5500'

19. PROPOSED DEPTH

8100'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DE, RT, GR, etc.)

6441' GR

ELEVATIONS ARE

SURFACE &amp; 800' FNL WITH ATTACHED

22. APPROX. DATE WORK WILL START\*

August 1981

23. PROPOSED CASING AND CEMENTING PROGRAM This section is to be completed by the operator.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	APPROX. QUANTITY OF CEMENTS
12-1/4"	9-5/8"	36#	350'	185 cu. ft
8-3/4"	7"	20#	3940'	325 cu. ft
6-1/4"	4-1/2"	10.5# & 11.6#	8100'	670 cu. ft

Selectively perforate and stimulate the Mesa Verde & Dakota formation.  
Completion plans will be determined at Total Depth.

A BOP will be installed after the surface casing is set and cemented. All subsequent work will be conducted through the BOP's.

The North half of this section is dedicated to both the Dakota and Mesa Verde wells.

Gas is dedicated.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 measures and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Paul C. Thompson

TITLE Drilling Engineer

DATE 5-20-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

APPROVED  
AS AMENDED

JUN 22 1981

G. A. Schmidt  
for JAMES F. SIMS  
DISTRICT OIL & GAS SUPERVISOR

NEW MEXICO  
MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Owner <b>NORTHWEST PIPELINE CORPORATION</b>			Lease <b>ROSA</b>		Well No. <b>35</b>
Unit Letter <b>A</b>	Section <b>20</b>	Township <b>31N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of well: 800 feet from the North line and 990 feet from the East line					
Ground Level Elev. <b>6442</b>	Producing Formation <b>Mesa Verde-Dakota</b>		Pool <b>Elanco NW Basin Dakota</b>		Dedicated Acreage <b>320 MV &amp; DK</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

800'		990'	
Sec.		20	
<b>RECEIVED</b> <b>JUN 24 1981</b> <b>OIL CON. COM.</b> <b>DIST. 3</b>			

CERTIFICATION

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

*Paul C. Thompson*

Name  
**Paul C. Thompson**

Position  
**Drilling Engineer**

Company  
**Northwest Pipeline Corp**

Date  
**March 5, 1981**

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 knowledge and belief.

**February 26, 1981**  
Registered Professional Engineer  
Land Surveyor  
*Fred B. Kern Jr.*  
Cert. No. 11311

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