

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25140

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. LEASE DESIGNATION AND SERIAL NO.

SF-078765

2. IF INDIAN, ALLOTTEE OR TRIBE NAME

3. UNIT AGREEMENT NAME

Rosa Unit

4. FARM OR LEASE NAME

Rosa Unit

5. WELL NO.

88

6. FIELD AND POOL OR WILL CAT

Blanco MV/Undesignated FC

7. SEC. T. R. M. OR P.M.
AND SURVEY OR AREA

Sec 8, T31N, R6W

8. COUNTY OR PARISH, STATE

San Juan, New Mexico

9. NO. OF ACRES IN LEASE

N/A

10. NO. OF ACRES ASSIGNED
TO THIS WELL

320 MV/160 FC

11. PROPOSED DEPTH

5700

12. DEPTH OR PROPOSED DEPTH

8000

13. APPROX. DATE WORK WILL START

August 1981

14. APPROX. DATE WORK WILL END

August 1981

PROPOSED CASING AND CEMENTING PROGRAM

DEPTH	WEIGHT	WEIGHT	WEIGHT	WEIGHT
10-1/4"	2-5/8"	30#	200	100 cu. ft.
8-3/4"	7"	23#	1200	250 cu. ft. *
6-1/2"	4-1/2"	10.5#	5700	250 cu. ft.

Selectively perforate and stimulate the Mesa Verde & Pictured Cliffs formations.
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 West half of Section 8 is dedicated to the Mesa Verde well and the Northwest quarter is dedicated to Pictured Cliffs well.

Gas is dedicated

*See special Stipulation
15C

DEVELOPMENT AND PRODUCTION ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

This action is subject to permit review
appeal pursuant to 30 CFR 250.

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 measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNATURE Paul C. Thompson TITLE Drilling Engineer DATE 5-28-81
(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

FCT:

NMOCC

for
St. Graham

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

NORTHWEST PIPELINE CORPORATION			Lease ROSA UNIT		Well No. 88
Unit Letter E	Section 8	Township 31N	Range R6W	County San Juan	

Actual Footage Location of Well:

1610	feet from the North	line and	1100	feet from the West	line
Ground Lve. Elev. 6335	Producing Formation Mesa Verde/Pictured Cliffs Blanco MV / Undesignated PC			Dedicated Acreage: 320 MV/160 PC Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hadure 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

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.

Date Surveyed February 28, 1981

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950