

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25370
Fee - E/2 - SW/4 Sec 33
SF - 078772

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, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1800 FNL & 1810 FEL Sec 33, T32N, R6W

At proposed prod. zone

1800 FNL & 1810 FEL Sec 33, T32N, R6W

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

10 Miles South of Allison, Colorado

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 830'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'

16. NO. OF ACRES IN LEASE

N/A S. GEOLOGICAL SURVEY

19. PROPOSED DEPTH, FEET 5850'

17. NO. OF ACRES ASSIGNED TO THIS WELL

1320

20. ROTARY OR CABLE TOOLS

Rotary

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

6388' GR

22. APPROX. DATE WORK WILL START*

August 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

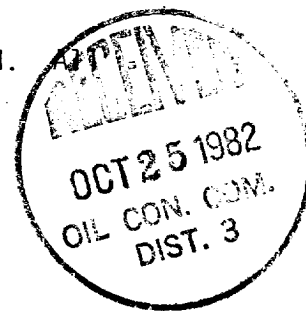
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 cu. ft
8-3/4"	7"	20#	3800'	400 cu. ft
6-1/4"	4-1/2"	10.5#	3600'-5850'	400 cu. ft

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

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

The East half of Section 33 is dedicated to the Mesa Verde Well.

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

24.

SIGNED

Mike Murphy for Paul C. Thompson

TITLE Drilling Engineer

DATE 4-1-82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

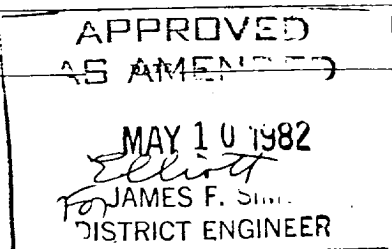
TITLE

CONDITIONS OF APPROVAL, IF ANY:

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

MM:djb 4-1-82

*See Instructions On Reverse Side



FARMINGTON COPY

Grantor NORTHWEST PIPELINE CORPORATION			Lease ROSA UNIT COM		Well No. 90
Unit Letter G	Section 33	Township 32N	Range 6W	County San Juan	
Actual Footage Location of Well: 1800 feet from the North line and 1810 feet from the East line					
Ground Level Elev. 6388	Producing Formation Mesa Verde	Pool Blanco Mesa Verde	Dedicated Acreage: 320 Acres <i>OK</i>		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

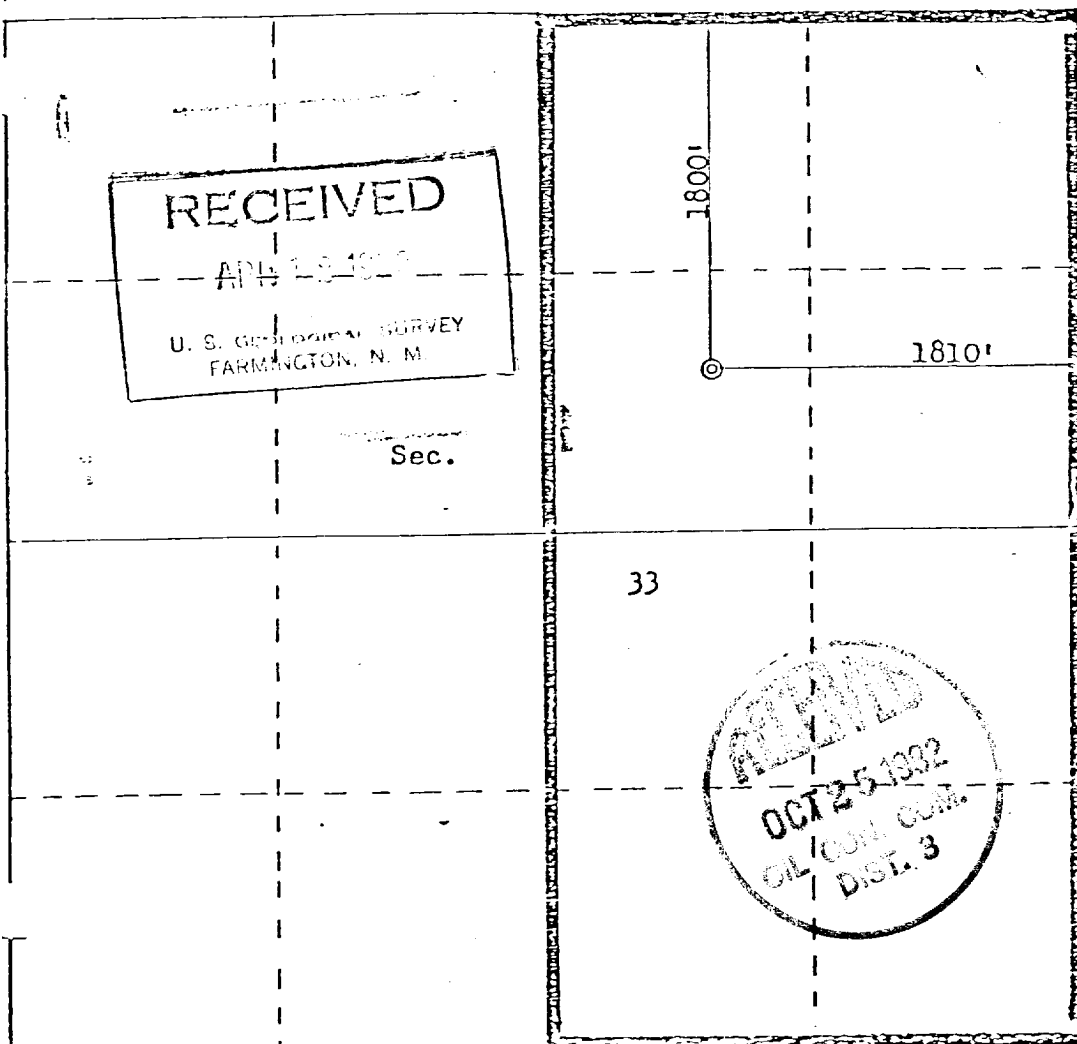
NORTHWEST PIPELINE CORPORATION

MAR 2 1981

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

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.



Scale: 1"=1000'

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.

REGISTERED LAND SURVEYOR
Date Surveyed
February 21, 1981

Required Professional Engineer and Land Surveyor

Fred B. [Signature]
Fred B. [Signature]

Certificate No.

3950