

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-21657

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

1935' FSL & 735' FWL  
At proposed prod. zone

As Above

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

N/A

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drg. unit line, if any) 735'

16. NO. OF ACRES IN LEASE  
N/A

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
N/A

19. PROPOSED DEPTH  
5970

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

6656 GR

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOL

Rotary

22. APPROX. DATE WORK WILL START\*

1/1/78

23. PROPOSED CASING AND CEMENTING PROGRAM

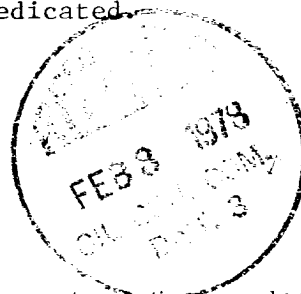
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	32.3#	200'	125 sks
8 3/4	7	20 #	3925	150 sks
6 1/4	4 1/2	10.5#	3725-5970	210 sks

Selectively perforate and stimulate the Mesa Verde formation.

A BOP will be installed after the surface casing has been run and cemented.

All subsequent operations will be conducted through the BOP.

The W/2 of section 25 is dedicated to this 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 D. E. Richardson TITLE Drilling Engineer DATE 01 01 78

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

*Chad*

\*See Instructions On Reverse Side

RECEIVED

JAN 30 1978

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-4-65

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

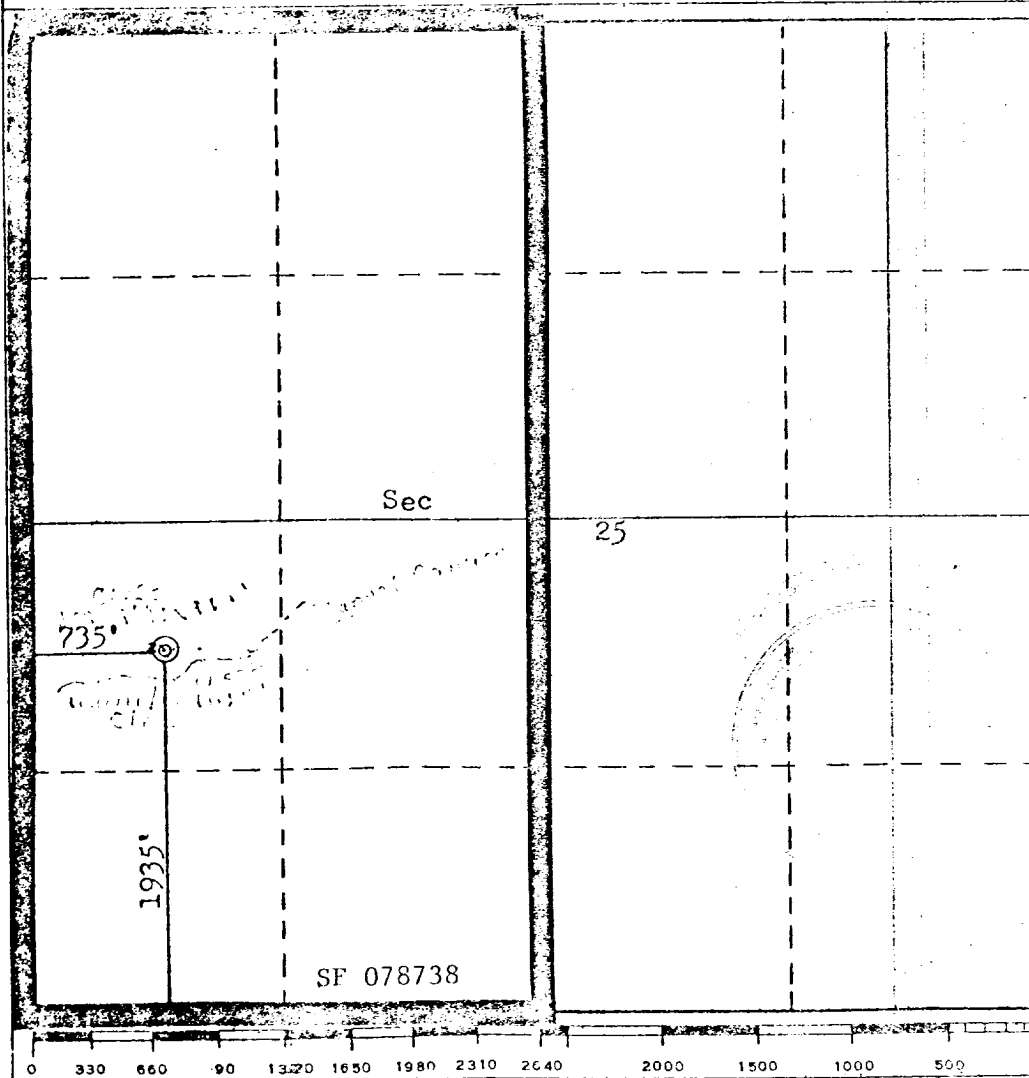
Operator <b>Northwest Pipeline Corporation</b>			Lease <b>San Juan 30-5 Unit</b>		Well No. <b>20</b>
Unit Number <b>1</b>	Section <b>25</b>	Township <b>3N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Approximate Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>1935</b> feet from the <b>South</b> line and <b>735</b> feet from the <b>West</b> line</span> </div>					
Ground Level Elev. <b>6665</b>	Producing Formation <b>Mesa Verde</b>	Pool <b>Blanco</b> /		Dedicated Acreage <b>320</b> / Acres	

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?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

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.

*[Signature]*

Name  
**D.E. Richardson**

Position  
**Drilling Engineer**

Company  
**Northwest Pipeline Corp.**

Date  
**November 8, 1977**

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  
**October 23, 1977**

Registered Professional Engineer and/or Land Surveyor

*[Signature]*  
**Fred B. Kerr Jr.**

Certificate No.  
**3750**