

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-22781  
5. LEASE DESIGNATION AND SERIAL NO.

S.F. 078998  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
San Juan 32-7 Unit

8. FARM OR LEASE NAME  
San Juan 32-7 Unit

9. WELL NO.  
50

10. FIELD AND POOL, OR WILDCAT  
Undesignated, Pictured Cliff

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 34, T32N, R7W

12. COUNTY OR PARISH | 13. STATE  
San Juan | 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 920' FSL & 1660' FEL  
At proposed prod. zone as above

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
920'

16. NO. OF ACRES IN LEASE  
NA

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160

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

19. PROPOSED DEPTH  
3790'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6740' GR

22. APPROX. DATE WORK WILL START\*

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12 1/4"      | 8 5/8"         | 24 #            | 150'          | 100 sks.           |
| 6 3/4"       | 2 7/8"         | 6.4#            | 3790'         | 210 sks.           |

Selectively perforate and stimulate the Pictured Cliff 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 SE/4 of Sec. 34 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 03 28 78  
(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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\*See Instructions On Reverse Side

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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

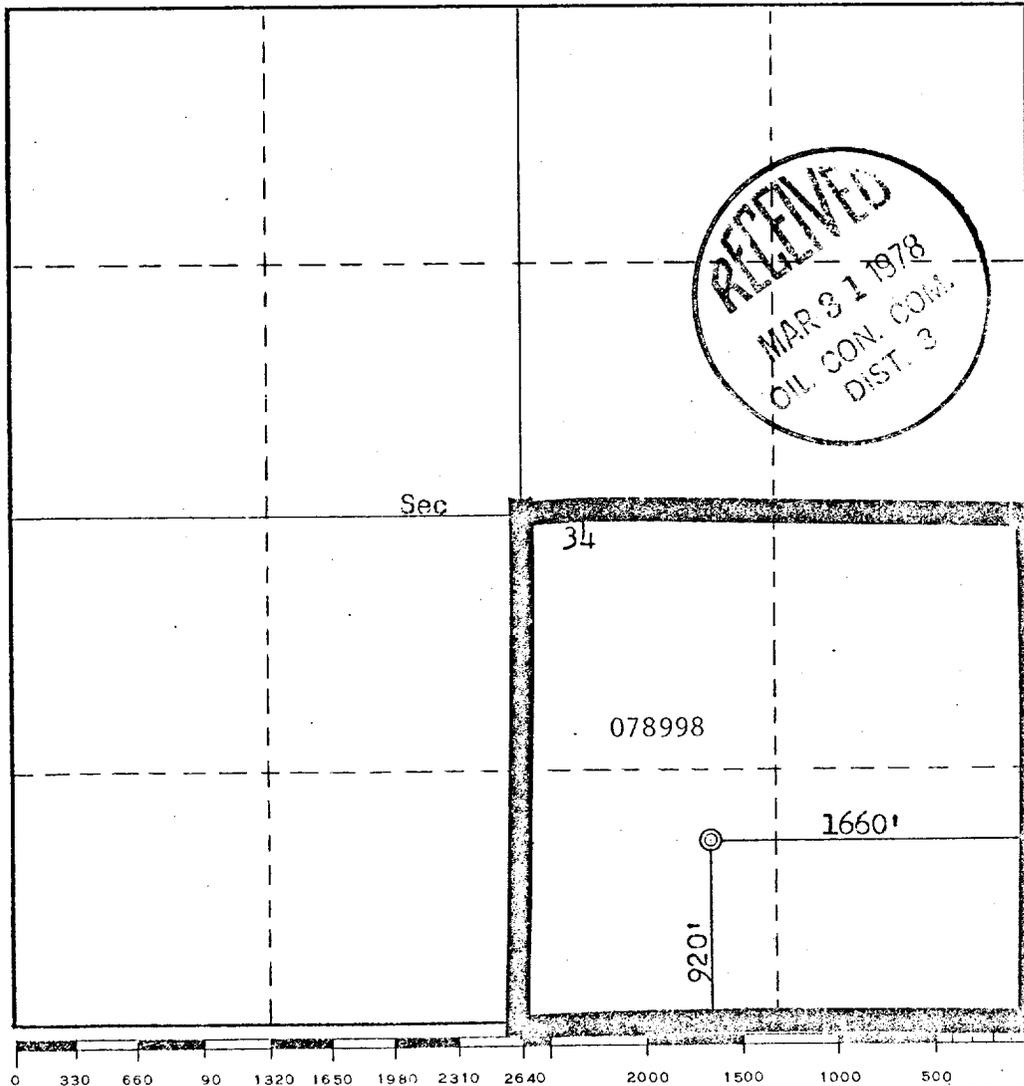
|   |   |                        |                                    |  |                       |
|---|---|------------------------|------------------------------------|--|-----------------------|
| Operator<br><b>Northwest Pipeline Corporation</b>   |   |                        | Lease<br><b>San Juan 32-7 Unit</b> |  | Well No.<br><b>50</b> |
| Unit Letter<br><b>0</b>   | Section<br><b>34</b>                          | Township<br><b>32N</b> | Range<br><b>7W</b>                 | County<br><b>San Juan</b>              |                       |
| Actual Footage Location of Well:<br><b>920</b> feet from the <b>South</b> line and <b>1660</b> feet from the <b>East</b> line |   |                        |                                    |  |                       |
| Ground Level Elev.<br><b>6740</b>   | Producing Formation<br><b>Pictured Cliffs</b> |                        | Pool<br><b>Undesignated</b> ✓      | Dedicated Acreage:<br><b>160</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 \_\_\_\_\_

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.

*Dale E. Richardson*  
Name

Dale E. Richardson

Position

Drilling Engineer

Company

Northwest Pipeline Corp.

Date

3/21/78

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

March 18, 1978

Registered Professional Engineer and/or Land Surveyor

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

Certification No.

3950