

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-21055

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF 073917		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Northwest Pipeline Corporation			7. UNIT AGREEMENT NAME San Juan 29-5 Unit		
3. ADDRESS OF OPERATOR P.O. Box 90 Farmington, New Mexico 87401			8. FARM OR LEASE NAME San Juan 29-5 Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1450' FSL & 1100' FWL At proposed prod. zone			9. WELL NO. 77		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Basin Dakota		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 26, T29N, R5W N1PM		
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH Rio Arriba		
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS rotary		
19. PROPOSED DEPTH 8600			21. APPROX. DATE WORK WILL START* April 23, 1975		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7168 GR					

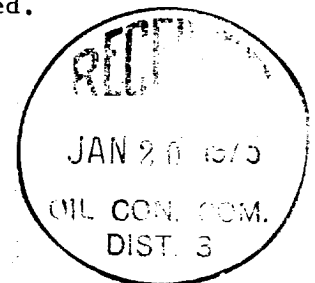
## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	9-5/8	32.3	300	280 sx
8-3/4	7	20	4000	175 sx
6-1/4	4-1/2	10.5 & 11.6	8600	320 sx

Selectively perforate and stimulate the Dakota formation.

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

The west half of section 26 is dedicated to this well.



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 O.B. Whitenburg is TITLE Prod. & Drlg. Engineer DATE January 15, 1975  
(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

JAN 17 1975  
U. S. GEOLOGICAL SURVEY

**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.

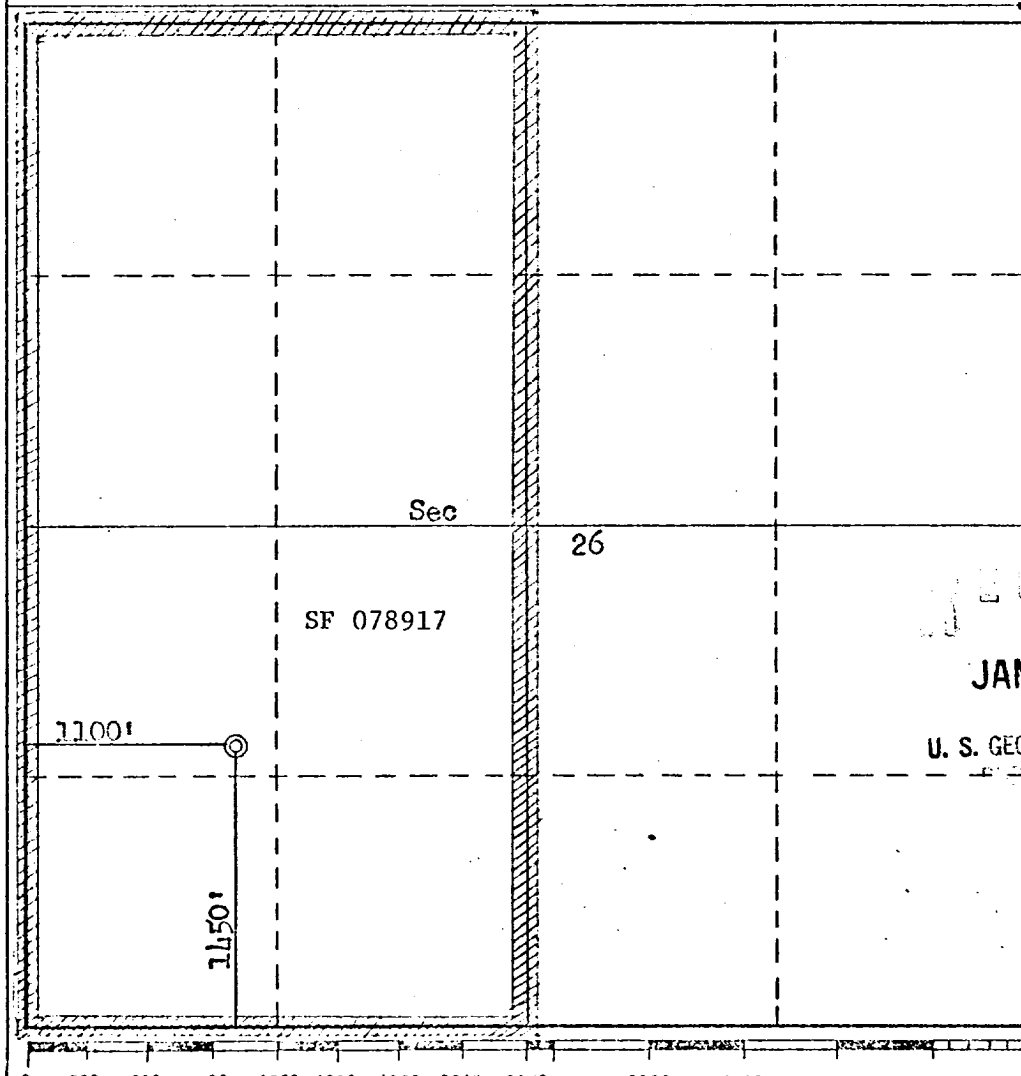
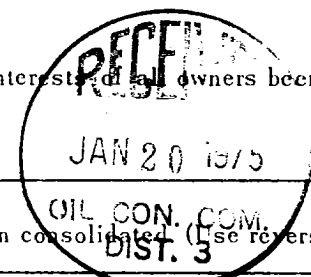
Operator <b>Northwest Pipeline Corporation</b>			Lease <b>San Juan 29-5 Unit</b>		Well No. <b>77</b>
Unit Letter <b>L</b>	Section <b>26</b>	Township <b>29N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1150</b> feet from the <b>South</b> line and <b>1100</b> feet from the <b>West</b> line					
Ground Level Elev. <b>7168</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b> ✓		Dedicated Acreage: <b>320</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.) **NW/4 SW/4 Section 26, T29N, R5W**

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.

*O.B. Whitenburg*  
Name **O.B. Whitenburg** js

Position  
**Drilling & Production Eng.**

Company  
**Northwest Pipeline Corp.**

Date  
**January 15, 1975**

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.

**U. S. GEOLOGICAL SURVEY**

Date Surveyed  
**December 23, 1974**

Registered Professional Engineer and/or Land Surveyor

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

Certificate No.  
**2050**