

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22750

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 1840' FSL & 1050' FWL Sec 29, T31N, R6W
 At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 12 Miles Northeast of Navajo Dam Post Office

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit lbe, if any)
 800'

16. NO. OF ACRES IN LEASE
 N/A

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 4000'

19. PROPOSED DEPTH
 8150'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6520' GR

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO CHANGE WITH ATTACHED

22. APPROX. DATE WORK WILL START
 July 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative appeal pursuant to 30 CFR 250.100

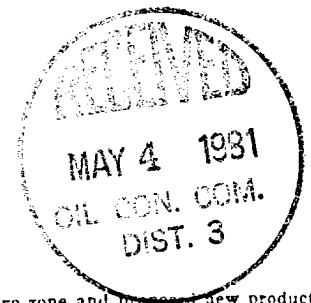
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	350'	185 cu. ft
8-3/4"	7"	20#	3790'	380 cu. ft
6-1/4"	4-1/2"	10.5# & 11.6#	8150'	690 cu. ft

Selectively perforate and stimulate the Dakota Formation. 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 29 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.

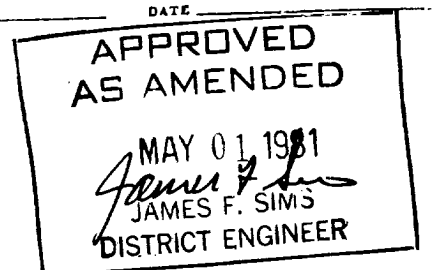
24. SIGNED Paul C. Thompson TITLE Drilling Engineer DATE 4-9-81
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

ok

*See Instructions On Reverse Side



All distances must be from the outer boundaries of the Section **Feb 18 1981**

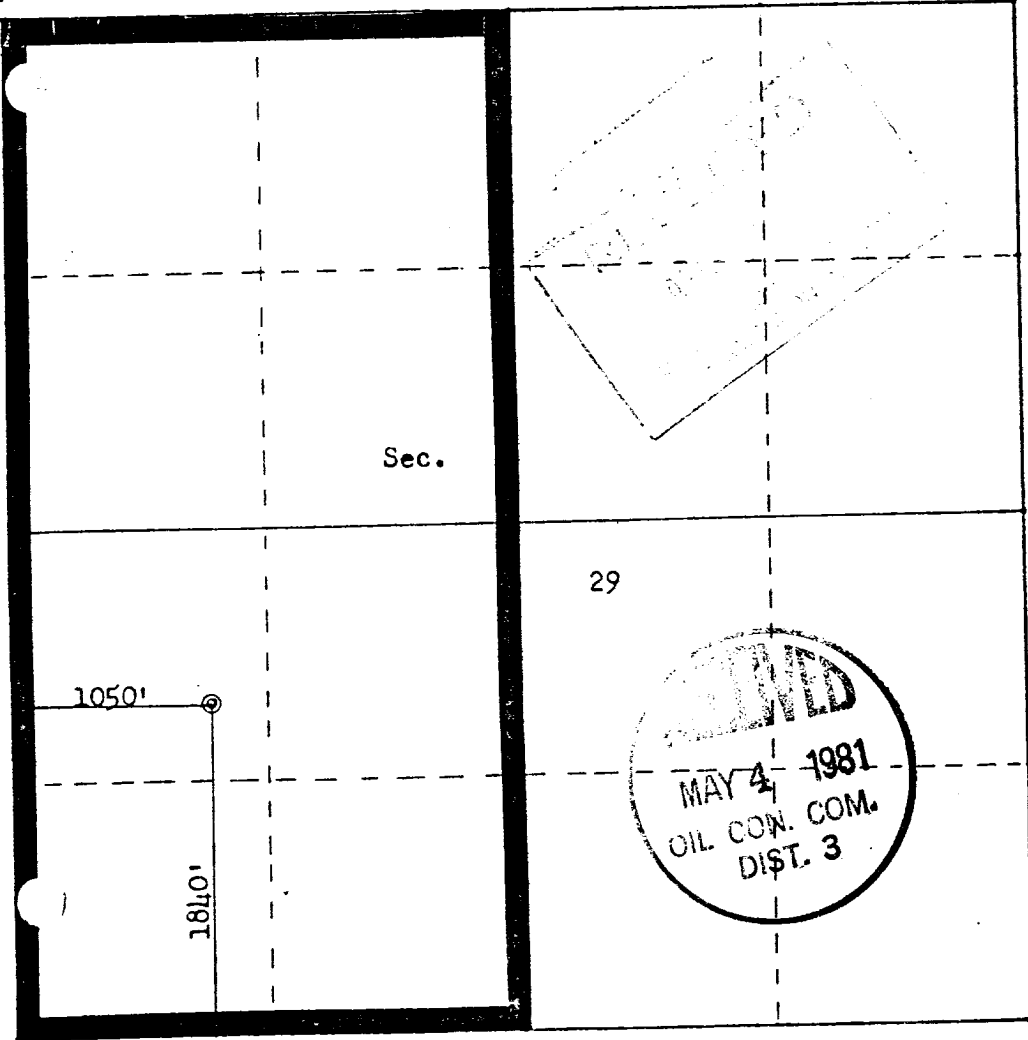
NORTHWEST PIPELINE CORPORATION			Lease		Well No.
SAN JUAN 31-6 UNIT			SAN JUAN 31-6 UNIT		41
Unit Letter	Section	Township	Range	County	
L	29	31N	6W	Rio Arriba	
Actual Footage Location of Well:					
1840 feet from the		South	line and	1050 feet from the	West
Ground Level Elev:		Producing Formation		Dedicated Acreage:	
6520		Dakota		320 Acres	
		Pool:		Basin Dakota	

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 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.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<u>Paul C. Thompson</u>
Position	<u>Drilling Engineer</u>
Company	<u>Northwest Pipeline Corp</u>
Date	<u>2-19-81</u>
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	<u>February 18, 1981</u>
Registered Professional Engineer and Land Surveyor	
<u>Fred B. Kerr Jr.</u>	
Certification No.	<u>3950</u>