

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-23020

## 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 Corporation3. ADDRESS OF OPERATOR  
P.O. Box 90, Farmington, N.M. 874014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1200 FNL & 1865 FWL Sec 6, T30N, R6WAt proposed prod. zone  
1200 FNL & 1865 FWL Sec 6, T30N, R6W14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
13 miles Northeast of Navajo Dam Post Office15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 775'18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 2000'21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6229' GR

RECEIVED

U. S. GEOLOGICAL SURVEY

16. NO. OF ACRES IN LEASE  
N/A

19. PROPOSED LOCATION, N. M.

5800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
320 W 319.8520. ROTARY OR CABLE TOOLS  
Rotary22. APPROX. DATE WORK WILL START\*  
May 198212. COUNTY OR PARISH  
Rio Arriba13. STATE  
New Mexico

## 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#	3520'	330 cu.ft
6-1/4"	4-1/2"	10.5#	3320'-5800'	432 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. All  
subsequent work will be conducted through the BOP's.

The West half of Section 6 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 *Michael Murphy*  
Mike Murphy for Paul C. Thompson  
(This space for Federal or State office use)

TITLE Drilling Engineer

DATE April 1, 1982

PERMIT NO.

APPROVAL DATE

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

Hold C104 for NSL

TITLE

\*See Instructions On Reverse Side

MM:djb 4-1-82

NMOOL

APPROVED  
AS AMENDED*James F. Elliott*  
JUN 4 1982  
JAMES F. ELLIOTT  
DISTRICT ENGINEER

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

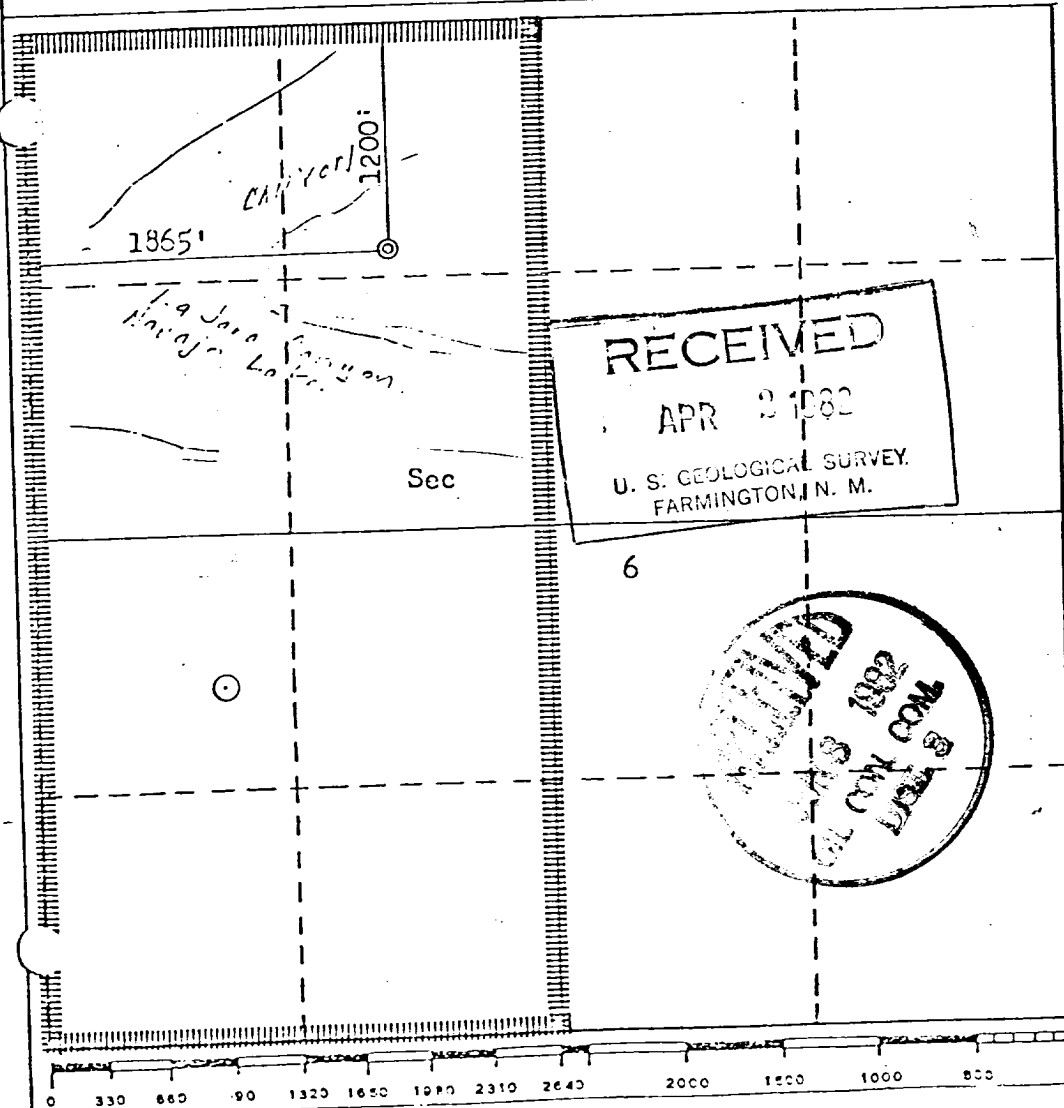
Operator <b>Northwest Pipeline Corporation</b>			Lease <b>San Juan 31-6 Unit</b>		Well No. <b>8A</b>
Section Letter <b>C</b>	Section <b>6</b>	Township <b>30N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1200</b> feet from the <b>North</b> line and <b>1865</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6229</b>	Producing Formation <b>Mesa Verde</b>		Pool <b>Blanco Mesa Verde</b>		Dedicated Acreage: <b>320</b> <del>W319.65</del> 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 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.



## 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  
February 3, 1982

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

January 23, 1982  
Registered Professional Engineer  
and/or Land Surveyor

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

Certificate No.

3950