

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-23231

## 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. 874994. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 1450 FSL & 1520 FWL NW/SW

At proposed prod. zone

1450 FSL &amp; 1520 FWL NW/SW

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

7 Miles Northeast of Lindreth, New Mexico

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

130'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160-40

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

300'

19. PROPOSED DEPTH

7600'

20. ROTARY OR CABLE TOOLS

Rotary

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

7382' GR

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START\*

June 20, 1983

23. GENERAL REQUIREMENTS  
PROPOSED CASING AND CEMENTING PROGRAMThis action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3#	200	125 cu.ft
7-7/8"	4-1/2"	10.5# & 11.6#	7600	1810 cu.ft

Selectively perforate and stimulate the Gallup 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 SW/4 of Section 24 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  
Paul C. Thompson

TITLE Sr. Drilling Engineer

DATE May 3, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

PCT:djb

NSL 1705

\*See Instructions On Reverse Side

RMNCC

DISTRICT ENGINEER

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

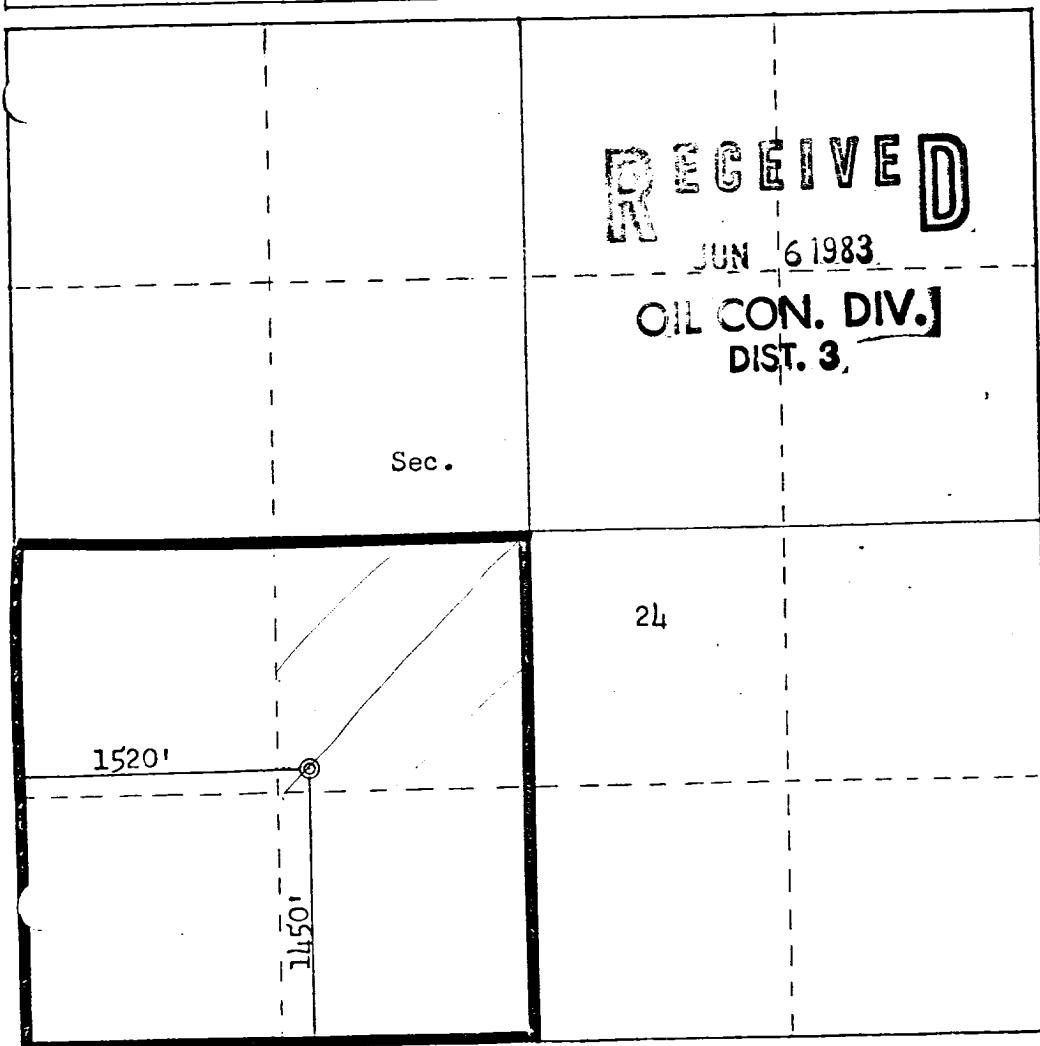
Operator <b>NORTHWEST PIPELINE CORPORATION</b>			Lease <b>RUCKER LAKE</b>		Well No. <b>2</b>
Unit Letter <b>K</b>	Section <b>24</b>	Township <b>25N</b>	Range <b>2W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1450</b> feet from the <b>South</b> line and <b>1520</b> feet from the <b>West</b> line					
Ground Level Elev. <b>7382</b>	Producing Formation <b>Gallup</b>		Pool <b>Gavilan Gallup Extension</b>		Dedicated Acreage: <b>160 40</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.



Scale: 1"=1000'

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

Sr. Drilling Engineer

Company

Northwest Pipeline Corp

Date

April 22, 1983

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

April 21, 1983

Registered Professional Engineer and Land Surveyor

*Fred B. Kerr Jr.*

Certificate No. 4222

3950