

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-23168

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. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1950 FSL & 835 FWL NW/SW
At proposed prod. zone 1950 FSL & 835 FWL

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any) 835

16. NO. OF ACRES IN LEASE N/A

17. NO. OF ACRES ASSIGNED TO THIS WELL 5 270.04

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 200'

19. PROPOSED DEPTH 8030'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6659' GR

22. APPROX. DATE WORK WILL START* December 1982

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"	32.3#	350'	220 cu.ft
8-3/4"	7"	20#	3735'	265 cu.ft
6-1/4"	4-1/2"	10.5# & 11.6#	8030'	675 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 South half of Section 25 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 November 23, 1982
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
Hold C104 for NSL 11/13/1983
PCT:djb NWL
*See Instructions On Reverse Side

APPROVED
AS AMENDED
FEB 16 1983
JAMES F. SIMS
DISTRICT ENGINEER

NMOCE

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-7

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

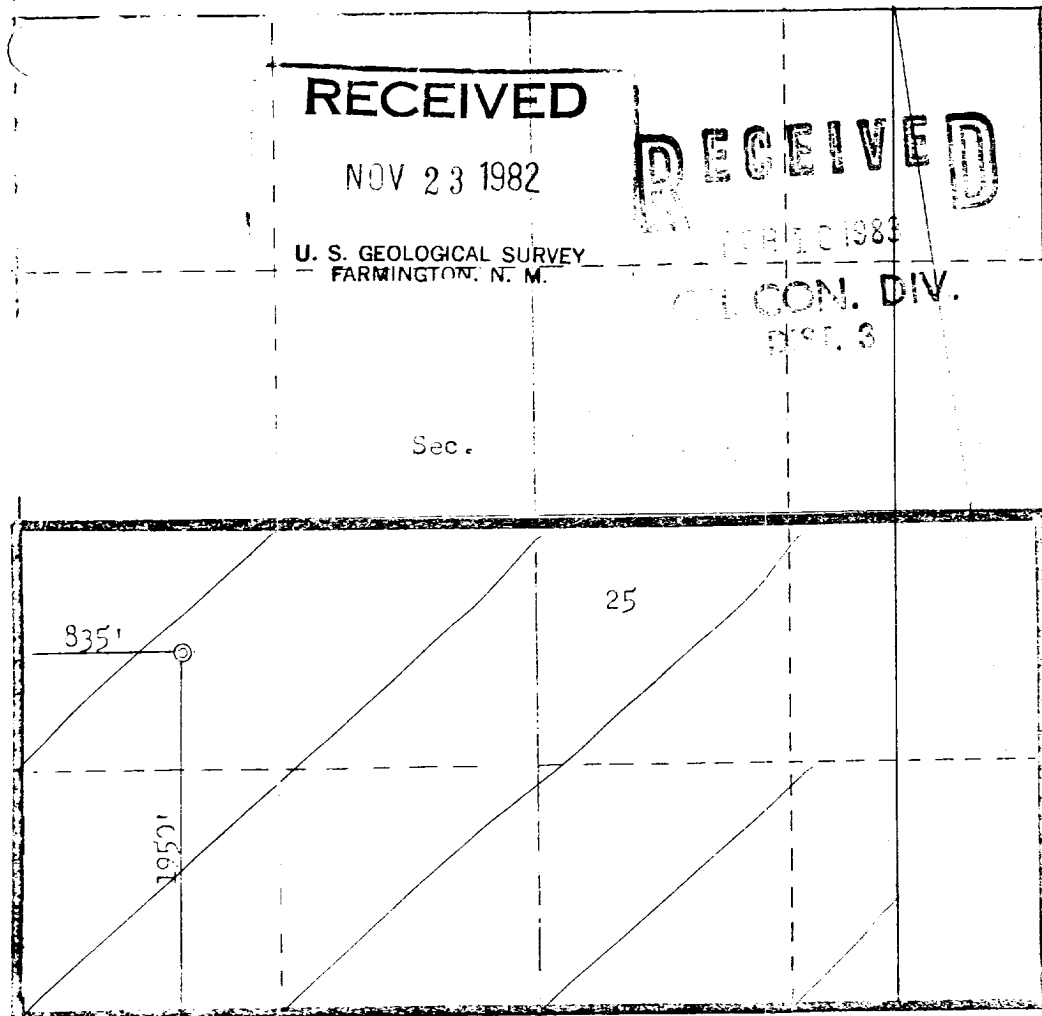
Operator NORTHWEST PIPELINE CORPORATION			Lease SAN JUAN 30-5 UNIT		Well No. 91
Unit Letter L	Section 25	Township 30N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1950 feet from the South line and 835 feet from the West line					
Ground Level Elev. 6659	Producing Formation DAKOTA		Pool BASIN DAKOTA		Dedicated Acreage: 5 270 04 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 Thompson

Name
Paul Thompson

Position
Drilling Engineer

Company
Northwest Pipeline Corp.

Date
10-22-82

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
October 21, 1982

Registered Professional Engineer
and Land Surveyor

Fred B. Kent Jr.
Fred B. Kent Jr.

Certificate No. 10,000

