

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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-079333		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input 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		
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, New Mexico 87499		8. FARM OR LEASE NAME Rucker Lake		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1760 FSL & 940 FWL NW/SW At proposed prod. zone 1760 FSL & 940 FWL NW/SW		9. WELL NO. 3		
10. FIELD AND POOL, OR WILDCAT Cavilan Gallup Extension		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 25, T25N, R2W		
12. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 Miles Northeast of Lindreth, New Mexico		13. STATE N.M.		
14. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 940'		15. NO. OF ACRES IN LEASE 160		
16. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 750'		17. NO. OF ACRES ASSIGNED TO THIS WELL 160 40		
18. ELEVATIONS (Show whether DF, RT, GR, etc.) 7394' GR		19. PROPOSED DEPTH 7610'		
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* June 1, 1983		
22. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"		23. This 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"	8-5/8"	24.0#	200'	165 cu.ft
7-7/8"	4-1/2"	10.5# & 11.6#	7610'	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 subsequence work will be conducted through the BOP's.

The SW/4 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 Sr. Drilling Engineer DATE April 25, 1983
Paul C. Thompson
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

PCT:djb
4-25-83

*See Instructions On Reverse Side

NMOCB

APPROVED
AS AMENDED
MAY 27 1983
JAMES F. SIMS
DISTRICT ENGINEER

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

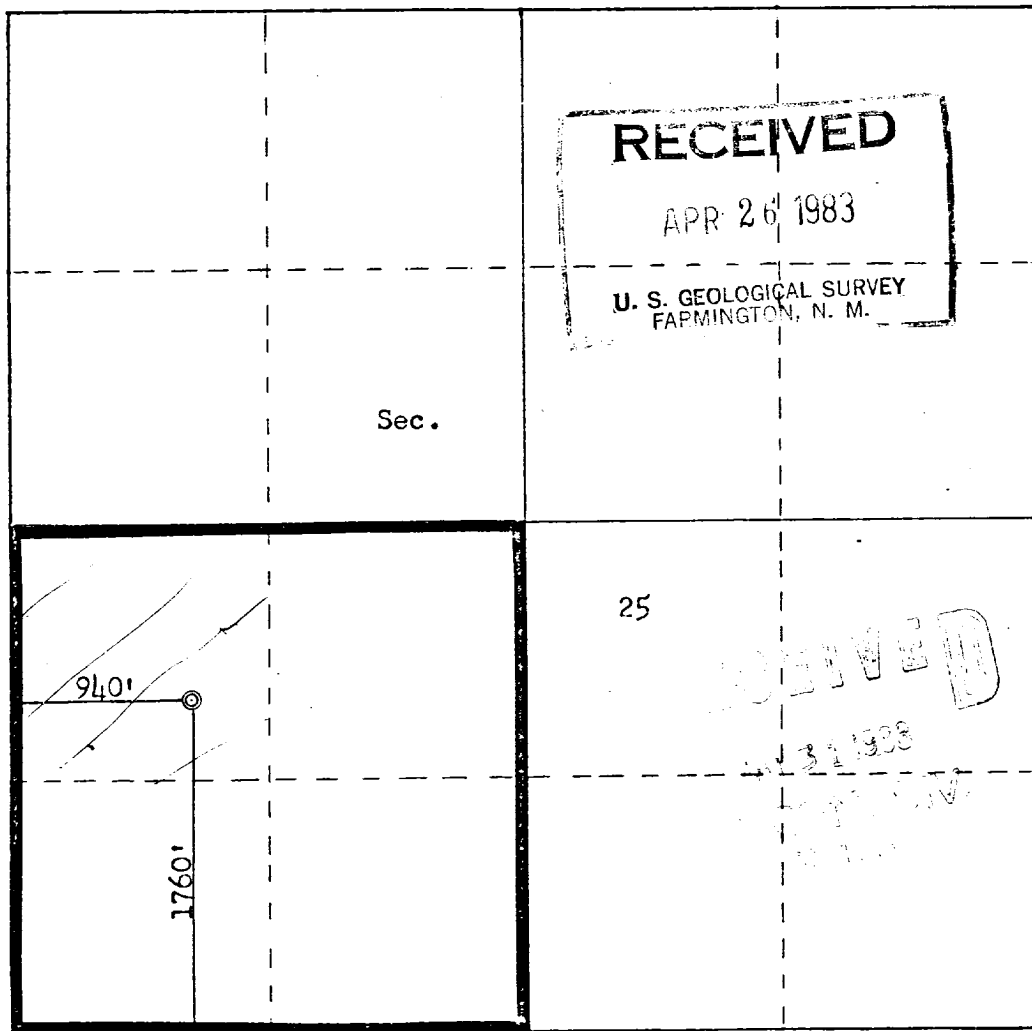
Operator NORTHWEST PIPELINE CORPORATION			Lease RUCKER LAKE		Well No. 3
Unit Letter L	Section 25	Township 25N	Range 2W	County Rio Arriba	
Actual Footage Location of Well: 1760 feet from the South line and 940 feet from the West line					
Ground Level Elev. 7394	Producing Formation Gallup		Pool Gavilan Gallup Extension		Dedicated Acreage: 160 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.



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 18, 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 16, 1983

Registered Professional Engineer and Land Surveyor

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

Certificate No.

3950