

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. NM-01385	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Northwest Pipeline Corp.				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 2060 FSL & 1740 FEL At proposed prod. zone same				9. WELL NO. #4	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles Northeast of the town of Lindrieth, NM				10. FIELD AND POOL, OR WILDCAT Gavilan Gallup Ext	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 420 feet				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 25 T-25-N R-2-W	
16. NO. OF ACRES IN LEASE 320				12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40				13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, 1100 feet (±) OR APPLIED FOR, ON THIS LEASE, FT. 7620				20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7436 GR				22. APPROX. DATE WORK WILL START* 9/1/83	
23. PROPOSED CASING AND CEMENTING PROGRAM 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"	9-5/8"	36#	350	220 cu ft.	
8-3/4"	5-1/2"	15.5# & 17.0#	7620	1840 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 NW/4 of the SE/4 is dedicated to this well.

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SEP 20 1983

OIL CON. DIV.

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 Mark McCallister TITLE Drilling Engineer DATE 8-11-83
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

MAM/djb

*See Instructions On Reverse Side

APPROVED
AS AMENDED
SEP 16 1983
R. B. Bingham
AREA MANAGER
FARMINGTON RESOURCE AREA

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

Operator: NORTHWEST PIPELINE CORPORATION			Lease: RUCKER LAKE		Well No.: 4
Unit Letter: J	Section: 25	Township: 25N	Range: 2W	County: Rio Arriba	
Actual Footage Location of Well: 2060 feet from the South line and 1740 feet from the East line					
Ground Level Elev.: 7436	Producing Formation: Gallup		Pool: Gavilan Gallup Extension		Dedicated Acreage: 40 Acres

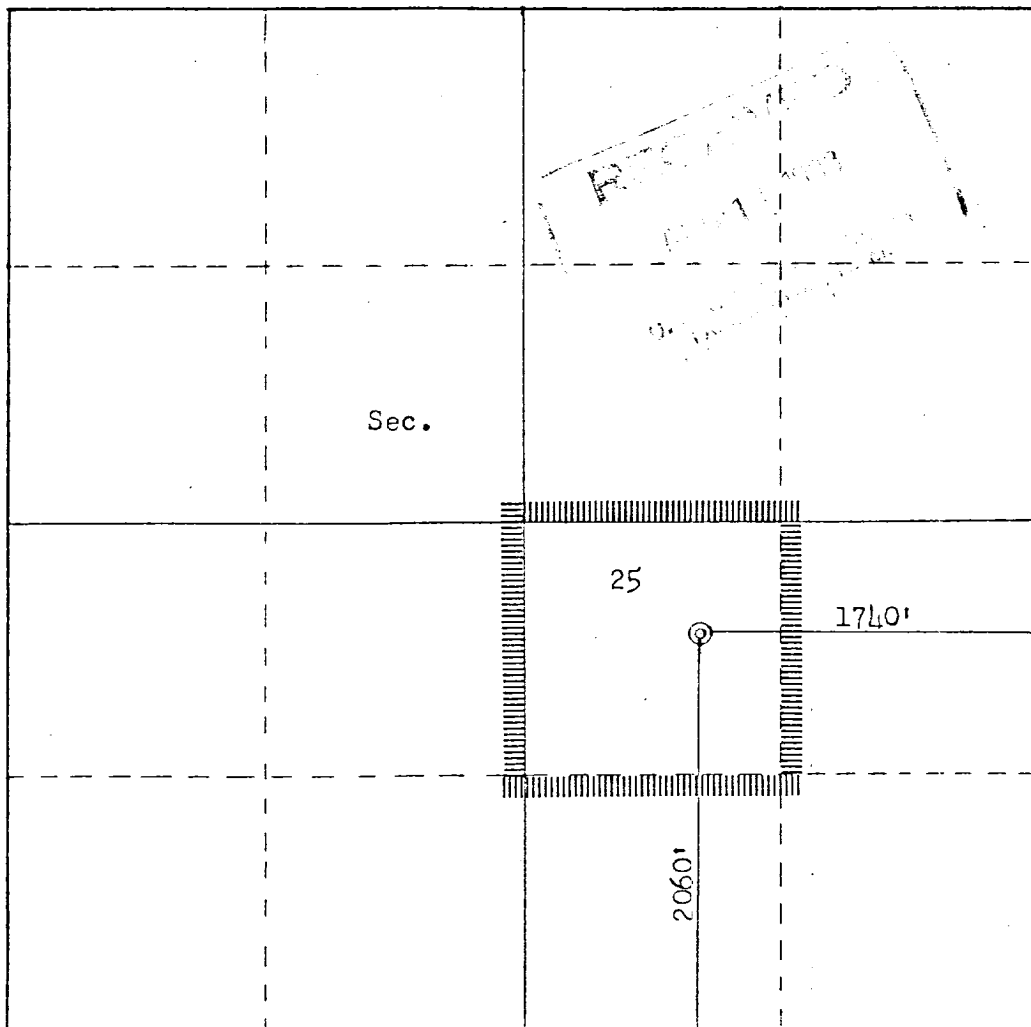
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the owners thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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.

Mark McCallister

Name

Mark McCallister

Position

Drilling Engineer

Company

Northwest Pipeline Corp.

Date

August 8, 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

August 5, 1983

Registered Professional Engineer and Land Surveyor

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

Certificate No. 3950

3950