

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-23269

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 078739		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Northwest Pipeline Corporation		7. UNIT AGREEMENT NAME San Juan 30-5 Unit		
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87499		8. FARM OR LEASE NAME San Juan 30-5 Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 940 FNL & 1080 FEL NE/NE At proposed prod. zone 950 FNL & 1080 FEL		9. WELL NO. 99		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 20 Miles East of Navajo Dam Post Office		10. FIELD AND POOL, OR WILDCAT Basin Dakota		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 940		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 33, T30N, R5W		
16. NO. OF ACRES ASSIGNED TO THIS WELL N/A		12. COUNTY OR PARISH 13. STATE Rio Arriba N.M.		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2300 +		17. NO. OF ACRES ASSIGNED TO THIS WELL 320		
19. PROPOSED DEPTH 8300'		20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6846' GR		22. APPROX. DATE WORK WILL START November 1983		
23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS PROPOSED CASING AND CEMENTING PROGRAM				
24. 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.				
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# & 23#	4125'	320 cu. ft
6-1/4"	4-1/2"	10.5# & 11.6#	8300'	660 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 subsequence work will be conducted through the BOP's.

The North half of Section 33 is dedicated to this well.

Gas is dedicated.

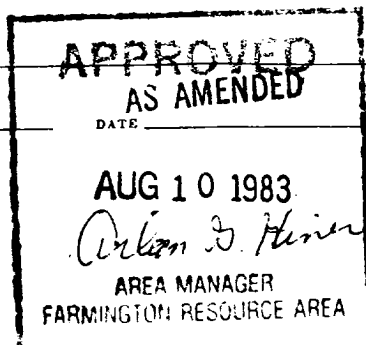
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24. Paul C. Thompson Sr. Drilg Engineer 7-7-83
SIGNED Paul C. Thompson TITLE DATE
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

PCT:djb
7-7-83

*See Instructions On Reverse Side



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-77

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

Operator NORTHWEST PIPELINE CORPORATION			Lease SAN JUAN 30-5 UNIT		Well No. 99
Unit Letter A	Section 33	Township 30N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 940 feet from the North line and 1080 feet from the East line					
Ground Level Elev. 6846	Producing Formation DAKOTA		Pool BASIN DAKOTA		Dedicated Acreage: N 320 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.

Sec.		1076	
		1080'	
33			

Scale: 1"=3000'

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 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 E. Kerr Jr.*
Fred E. Kerr Jr.

Certificate No.

2050

