

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-23144

## 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 078738
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" 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 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 G.S. Form 9-31 C, Rev. 11-79) At surface 790 FNL & 890 FEL NE/NE At proposed prod. zone 790 FNL & 890 FEL		9. WELL NO. #93
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. NO. OF ACRES IN LEASE N/A		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA A Sec 26, T30N, R5W
16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drill unit line, if any) 790		12. COUNTY OR PARISH Rio Arriba
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 200		13. STATE N.M.
18. PROPOSED DEPTH 8500		14. NO. OF ACRES ASSIGNED TO THIS WELL N 320
19. ROTARY OR CABLE TOOLS Rotary		20. APPROX. DATE WORK WILL START* December 1982
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7115' GR		

## 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#	4210'	265 cu.ft
6-1/4"	4-1/2"	10.5# & 11.6#	8500'	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 East half of Section 26 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 \_\_\_\_\_

TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

DRILLING OPERATIONS AUTHORIZED  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"  
PCT:djb

\*See Instructions On Reverse Side

This action is subject to administrative  
approval pursuant to 30 CFR 290.

NMOCC

APPROVED  
AS AMENDED

JAN 29 1983

JAMES F. SIMS  
DISTRICT ENGINEER

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 <b>NORTHWEST PIPELINE CORPORATION</b>			Lease <b>SAN JUAN 30-5 UNIT</b>		Well No. <b>93</b>
Unit Letter <b>A</b>	Section <b>26</b>	Township <b>30N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>North</b> line and <b>890</b> feet from the <b>East</b> line					
Ground Level Elev. <b>7115</b>	Producing Formation <b>DAKOTA</b>		Pool <b>BASIN DAKOTA</b>		Dedicated Acreage: <b>1/320</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 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 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 B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No. **1000**

