

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-27726

1. LEASE DESIGNATION AND SERIAL NO.
SF 081114

2. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL ☐GAS ☒OTHER ☐SINGLE ZONE ☐MULTIPLE ZONE ☒

3. NAME OF OPERATOR

Northwest Pipeline Corporation

4. ADDRESS OF OPERATOR

P.O. Box 90, Farmington, N.M. 87401

5. LOCATION OF WELL (Give Township and Range and in accordance with any State requirements)

940' FWL & 1630' FWL Sec 4, T29N, R5W

6. NAME OF WELL (Same as above)

7. UNIT AGREEMENT NAME

San Juan 29-5 Unit

8. FARM OR LEASE NAME

San Juan 29-5 Unit

9. WELL NO.

4474

10. FIELD AND WELL OR WILDCAT

Goberador Blanco, N.M.

11. COUNTY AND STATE

Sec 4, T29N, R5W

12. COUNTY AND STATE

Rio Arriba New Mexico

13. LOCATION IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

25 Miles East of Blanco, New Mexico

15. DISTANCE FROM NEAREST

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

940'

16. NO. OF ACRES IN LEASE

N/A

17. NO. OF ACRES ASSIGNED

TO THIS WELL 161.60

w/321.60-320 MV / 150 PC

18. PROPOSED DEPTH

2400'

19. PROPOSED DEPTH

5700'

20. ROTARY OR MASONRY

Rotary

21. LOCATION (Show whether DP, RD, GR, etc.)

6362' GR

22. APPROX. DATE WORK WILL START*

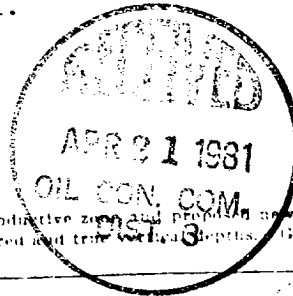
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF CASING	WEIGHT OF CASING	SETTING DEPTH	QUANTITY OF CASING
12-1/4"	9-5/8"	200'	140 cu.ft
8-3/4"	7"	3750'	310 cu.ft
6-1/4"	4-1/2"	5700'	330 cu.ft

Selectively perforate and stimulate the Mesa Verde & Pictured Cliffs Location
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 West half of Section 4 is dedicated to the Mesa Verde Well & the Northwest Quarter of Section 4 is dedicated to the Pictured Cliffs Well.
Gas is dedicated



24. GIVE BRIEF DESCRIPTION OF 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 well depths. Give blowout prevention program, if any.

25. NAME OF OPERATOR
Paul C. Thompson

26. TITLE
Drilling Engineer

27. DATE
2-11-81

28. PERMIT NO.

29. APPROVAL DATE

30. APPROVED BY

31. SIGNATURE OF OPERATOR

32. TITLE

APPROVED
AS AMENDED

APR 17 1981

James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions On Reverse Side

114000

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

Owner NORTHWEST PIPELINE CORPORATION			Lease SAN JUAN 29-5 UNIT		Well No. 47A
Section 4	Township 29N	Range 5W	County Rio Arriba		

Actual Footage Location of Well:

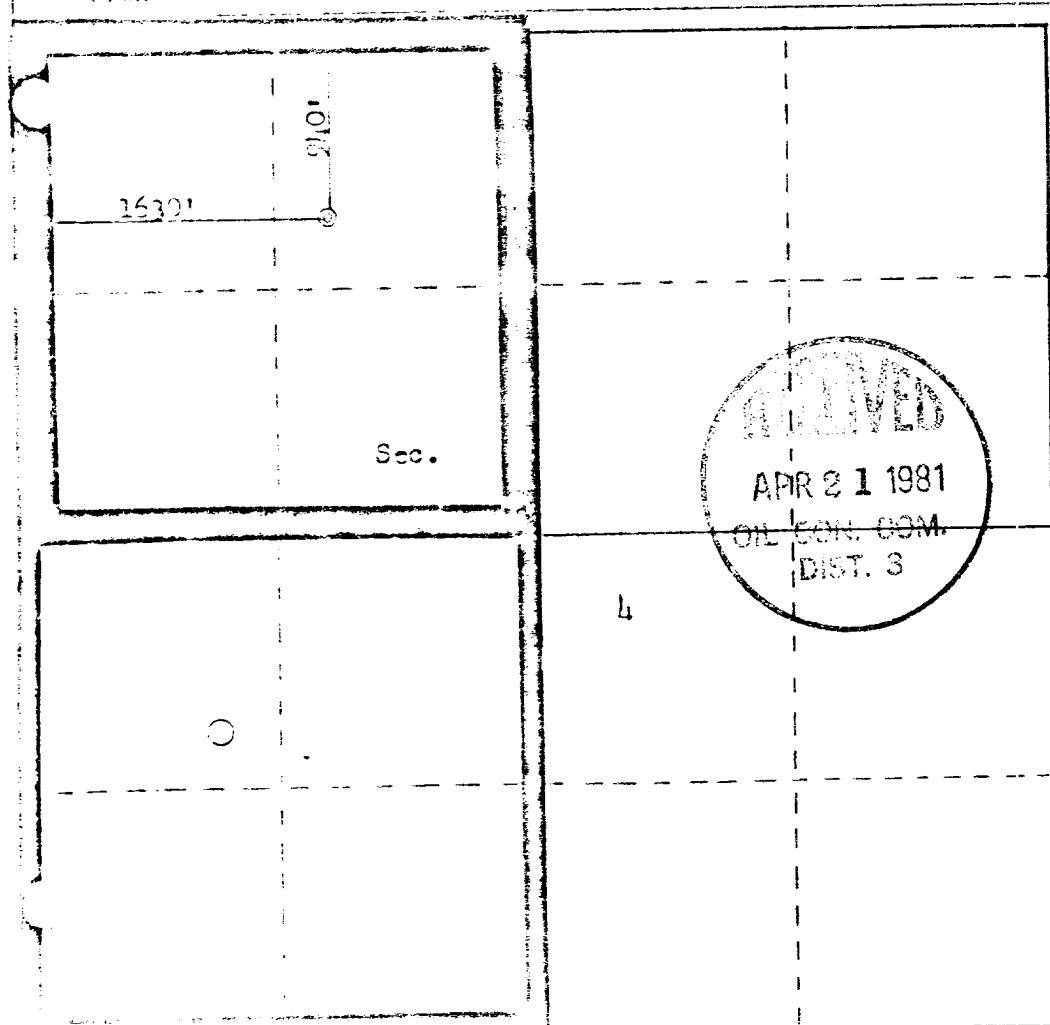
Section 4	Foot from the North line and 1630	Foot from the West line 321.68	Dedicated Acreage 321.68 / 160 AC
Nearest Level Elev. 5352	Producing Formation Blanco M/ Blanco DS	Pool Blanco M/ Blanco DS	

- Outline the acreage dedicated to the subject well by colored pencil or measure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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, force-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
Drilling Engineer

Company
Northwest Pipeline Corp

Date
February 11, 1981

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
February 6, 1981

Registered Professional Engineer

Paul C. Thompson

Scale: 1"=1000'