

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25127

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL

WELL ☐

GAS

WELL ☒

OTHER

SINGLE

ZON

2. NAME OF OPERATOR

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

1820' FNL & 790' FEL Sec 14, T32N, R8W
At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 Miles from Ignacio, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest well, unit line, if any)

790'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

3000'

16. NO. OF ACRES IN LEASE

N/A

19. PROPOSED DEPTH

6430'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 MV/ 160 PC

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7007' GR

22. APPROX. DATE WORK WILL START*

23.

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"	36#	200'	125 cu.ft
8-3/4"	7"	20#	4340'	370 cu.ft
6-1/4"	4-1/2"	10.5#	6430'	350 cu.ft

Selectively perforate and stimulate the Mesa Verde and Pictured Cliffs 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 14 is dedicated to the Mesa Verde formation and the
Northeast Quarter is dedicated to the Pictured Cliffs well.

Gas is dedicated

DRILLING OPERATIONS AUTHORIZED BY
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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

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
Paul C. Thompson

TITLE Drilling Engineer

DATE 5-23-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

JUL 21 1981

JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions On Reverse Side

N11000

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

Operator NORTHWEST PIPELINE CORPORATION			Lease SAN JUAN 32-8 UNIT		Well No. 46
Unit Letter H	Section 14	Township 32N	Range 8W	County San Juan	

Actual Footage Location of Well:							
1820	feet from the	North	line and	790	feet from the	East	line
Ground Level Elev. 7007	Producing Formation MESA VERDE-PICTURED CLIFFS		Pool Blanco MV/ Albina PC		Dedicated Acreage: 160 PC/320 MV Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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, 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.

Paul C. Thompson
Name

Paul C. Thompson

Position

Drilling Engineer

Company

Northwest Pipeline Corp

Date

February 23, 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 21, 1981

Registered Professional Engineer and/or Land Surveyor

Fred B. Berry Jr.
Fred B. Berry Jr.

Certificate No.

3950