

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Woods Petroleum Corporation

3. ADDRESS OF OPERATOR
P. O. Box 18667, Oklahoma City, Oklahoma, 73118.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1650' FNL, 1980' FWL (SE NW)
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 42 miles south of Farmington

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650'

16. NO. OF ACRES IN LEASE 2560

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -

19. PROPOSED DEPTH 10,000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5867 GL

22. APPROX. DATE WORK WILL START* March 4, 1971

12. COUNTY OR PARISH San Juan

13. STATE New Mexico

5. LEASE DESIGNATION AND SERIAL NO. 30-045-26745
NOO-C-14-20-2954

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo

7. UNIT AGREEMENT NAME -

8. FARM OR LEASE NAME Navajo Tribal Z 2

9. WELL NO. 122 1

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA 22-23N-14W

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	380'	400 sks
12-1/4"	8-5/8"	24#	4500'	200 sks

We propose to set 20" conductor pipe if required and proceed to drill a 17-1/2" hole to a sufficient depth to set approximately 380' of 48# H-40 surface casing and cement to surface. We will install a 900 Series flange type casinghead and bolt blowout preventer to casinghead. The blowout preventer will be a Shaffer double gate hydraulic Series 900. We will drill a 12-1/4" hole below surface to an approximate depth of 4500'. If adverse hole conditions exist as anticipated, we will proceed to set approximately 4500' of 8-5/8" intermediate. We will cut a 7-7/8" hole to the Mississippian and evaluate by logging and testing. Our mud will be conventional fresh water gel with chemical. Our logging program will consist of an Induction Electric and Gamma-Ray FDC. We plan to test all zones which exhibit evidence of porosity and hydrocarbon saturation. If the well is productive, we will set either 4-1/2" or 5-1/2" casing through the pay interval, perforate, and complete.

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 [Signature] TITLE Vice President DATE February 25, 1971

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY [Signature]

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator Woods Petroleum Corporation			Lesse Navajo Tribal		Well No. 22 1
Unit Letter F	Section 22	Township 23 North	Range 14 West	County San Juan	
Approx. Footage Location of Well.					
1650	feet from the	North	line and	1980	feet from the West line
Ground Level Elev. 5867	Producing Formation Estimated 10,000 Mississippian			Dedicated Acreage 160 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 ownership (interest and royalty).

One Lease Only

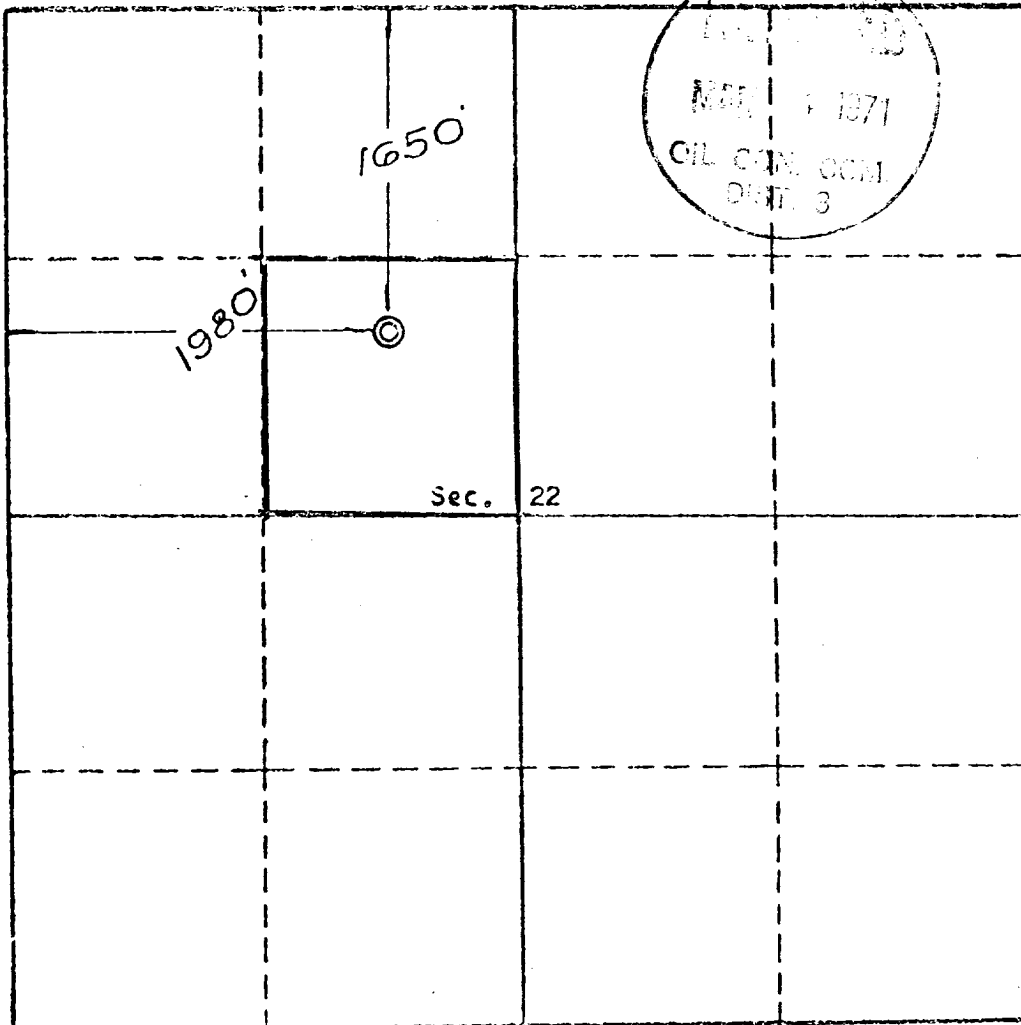
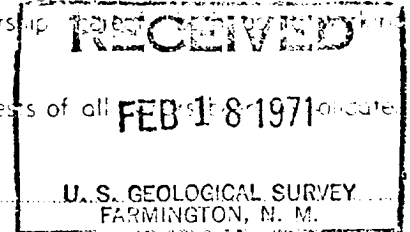
3. If more than one lease of different ownership is dedicated to the well have the interests of all (by communization, unitization, force-pooling, etc?)

Not applicable

() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated (Use reverse side of this form if necessary) **Not applicable**

No allowable will be assigned to the well until all interests have been consolidated (by communization, 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.

Larry L. Miles
Name **Larry L. Miles**

Position **Landman**

Woods Petroleum Corporation
Company

2-24-71
Date

E. V. Echohawk
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 5, 1971
Registered Professional Engineer
and/or Land Surveyor

E. V. Echohawk
Certificate No. **3602**
E. V. Echohawk LS

Scale, 1 inch = 1,000 feet