

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 regulations.)

At surface

660' FWL &amp; 660' FSL (SW SW)

At proposed prod. zone

Same

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

Approximately 2 miles south &amp; 8 miles east of Counsler, New Mexico

15. DISTANCE FROM PROPOSED\*

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

660'

16. NO. OF ACRES IN LEASE

2561.60

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

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

-

19. PROPOSED DEPTH

6600'

20. ROTARY OR CABLE TOOLS

Rotary

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

6818', GL

22. APPROX. DATE WORK WILL START\*

Immediately

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	32#	275'	200 sks
8-3/4"	-	-	-	-

We propose to set appropriate conductor pipe as may be necessary and proceed to drill a 13-3/4" hole to a sufficient depth to set approximately 275' of 9-5/8" 32# surface casing and cement to surface. We will install a 600 Series flange type casinghead onto which we will bolt a blowout preventer. The blowout preventer will be a Shaffer or Cameron double gate hydraulic Series 900. We will, also, install a rotating head and manifold to permit the utilization of gas as a drilling medium. We will drill out the surface casing using an 8-3/4" bit and proceed to drill an 8-3/4" hole to an approximate depth of 5300' with gas. We will test each zone penetrated for gas volume with an orifice meter and catch samples from the base of the surface pipe to total depth. Upon evaluating the Gallup formation at approximately 5300', we will elect to set 7" pipe if productive and if nonproductive, reduce the hole to 7-7/8" and proceed to drill to the Dakota formation using a fresh water gel with chemical mud system. Our logging program in open hole will consist of a Gamma Ray Neutron log. Our logging program in the mud filled hole will consist of an Induction Electric and Gamma Ray FDC. If the well is productive, we will set 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

TITLE

Vice President

DATE November 15, 1971

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

U. S. GEOLOGICAL SURVEY  
DENVER, COLO.

## 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			Lease Apache Jicarilla		Well No. 1
Unit Letter M	Section 11	Township 22 North	Range 5 West	County Sandoval	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line					
Ground Level Elev. 6818	Producing Formation Estimated 6500' Dakota		Pool	Dedicated Acreage: 40 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). One lease only.
- 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 Not applicable.

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 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.

V. Lee Powell  
Name

Vice President  
Position

Woods Petroleum Corporation  
Company

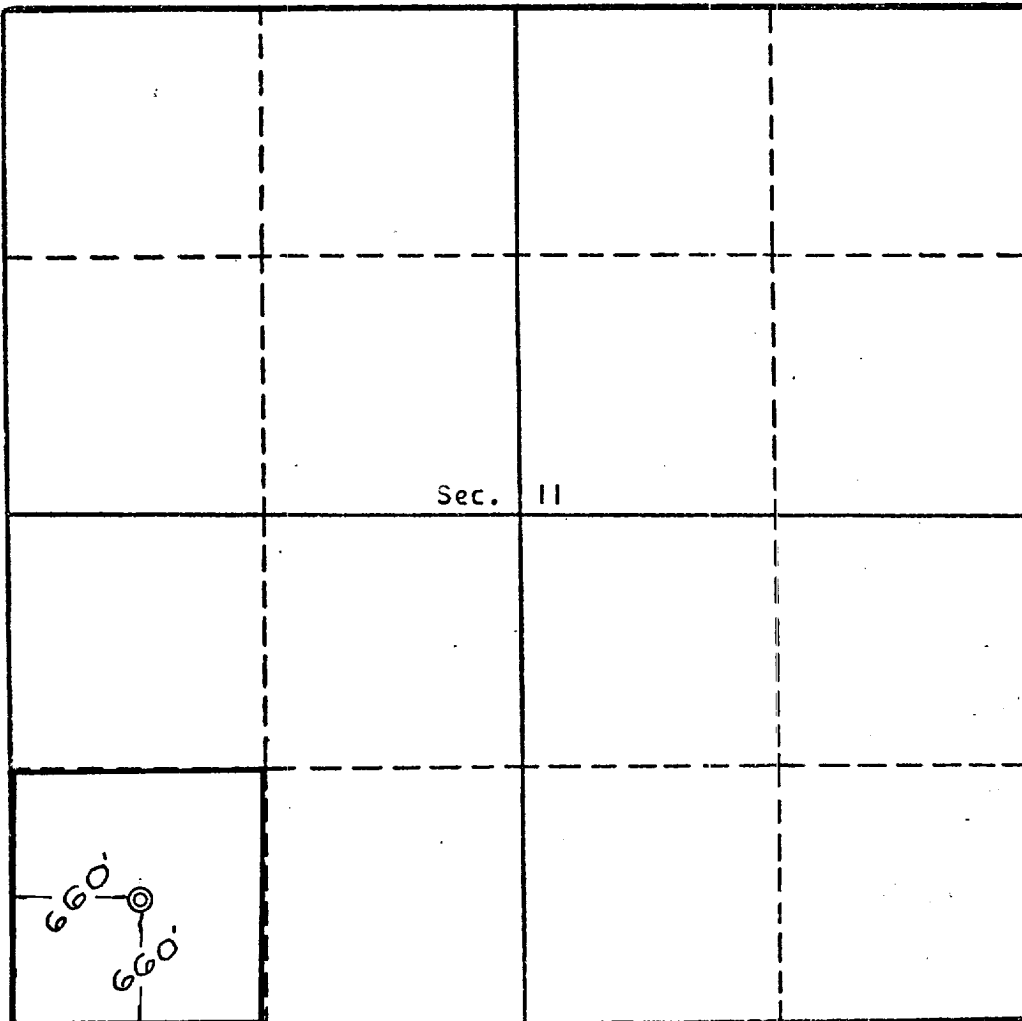
November 15, 1971  
Date

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.

ESTATE OF NEW MEXICO  
REGISTERED LAND SURVEYOR  
V. ECHOHAWK  
Date Surveyed

November 9, 1971  
Registered Professional Engineer  
and/or Land Surveyor

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



Scale, 1 inch = 1,000 feet