

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

Aztec Oil &amp; Gas Company

## 3. ADDRESS OF OPERATOR

P. O. Drawer 570, Farmington, New Mexico

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

At surface

At proposed prod. zone 1180' FSL &amp; 1030' FSL

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

## 15. DISTANCE FROM PROPOSED\*

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

## 16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

131.04

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

## 19. PROPOSED DEPTH

1739'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5539' GR

## 22. APPROX. DATE WORK WILL START\*

August 1, 1977

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	28#	160'	120 sxs
6-3/4"	2-7/8"	6.4#	1739'	260 sxs

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 200'.

Top of Pictured Cliffs sand is at 1589'.

A fresh water mud system will be used for drilling to total depth.

It is anticipated that IES and Density logs will be run at total depth.

No abnormal pressures or poisonous gases are anticipated in this well.

It is expected that this well will be drilled before August 1, 1977. This depends on time required for approvals and rig availability.

We will follow the surface restoration plan set out by the appropriate surface agency and the U.S.G.S.

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

TITLE

District Production Mgr. July 14, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

"APPROVAL TO FLARE GRANTED  
WHILE DRILLING AND TESTING."

\*See Instructions On Reverse Side

30-045-22642

## 5. LEASE DESIGNATION AND SERIAL NO.

SF-071867

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Browning Stewart

## 9. WELL NO.

#5

## 10. FIELD AND POOL, OR WILDCAT

Fulcher Kutz  
Pictured Cliffs11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Section 10, T28N, R11E

## 12. COUNTY OR PARISH

## 13. STATE

San Juan

New Mexico