

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 Core HoleSINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Loy L. Cook

## 3. ADDRESS OF OPERATOR

1115 Park of New Mexico St. N.W., Albuquerque, New Mexico 87101

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

At surface

560' TSL, 1680' TSL

At proposed prod. zone

560' TSL, 1680' TSL

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

25 mi. W of Crownpoint, 10 mi. W of Lake Valley School

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)560'18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.None

## 16. NO. OF ACRES IN LEASE

320

## 19. PROPOSED DEPTH

1500'17. NO. OF ACRES ASSIGNED  
TO THIS WELLNone

## 20. ROTARY OR CABLE TOOLS

Rotary with air

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

5621' GR

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

November 5, 1969

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<u>4 1/2"</u>	<u>None</u>			

This is a core hole to be drilled for the purpose of obtaining structure data and is not being drilled for oil or gas.

If a suitable portable logging unit is available, the hole will be logged. If not, the data will be obtained from samples.

THIS WELL IS BEING DRILLED AS A STRATIGRAPHIC  
TEST HOLE FOR GEOLOGICAL INFORMATION ONLY  
AND UNDER NO CIRCUMSTANCES WILL IT BE PRO-  
DUCED



RECEIVED

NOV 5 1969

U. S. GEOLOGICAL SURVEY  
WASHINGTON, D. C.

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

Loy L. Cook

TITLE

DATE

November 3, 1969

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: