

NMOC - ARTESIA  
NMOC - NOBBS  
NM - SANTA FEUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

AUG 3 11

5. LEASE DESIGNATION AND SERIAL NO.

N. M. Serial No. 025585

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shell Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 3, T 9-S, R 30-E,

12. COUNTY OR PARISH 13. STATE

Chaves

N. Mex.

## 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

Ashmun &amp; Hilliard

3. ADDRESS OF OPERATOR

710 Vaughn Bldg., Midland, Texas

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

At surface

Unit "A", 660' from North and East lines

At proposed prod. zone

San Andres

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

24 miles NW of Caprock, N. Mex.

16. NO. OF ACRES IN LEASE

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

Both 660'

16. NO. OF ACRES IN LEASE

1400.32  
800 acres17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40 acres

18. DISTANCE FROM PROPOSED LOCATION\*

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

no well on lease

19. PROPOSED DEPTH

3,900'

20. ROTARY OR CABLE TOOLS

Rotary

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

4,130' DF-estimated

22. APPROX. DATE WORK WILL START\*

Near future

23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT        |
|--------------|----------------|-----------------|---------------|---------------------------|
| 11"          | 8 5/8"         | 24#             | 250-300'      | Will circulate to surface |
| 7 7/8"       | 5 1/2"         | 15#             | TD            | 200 sx                    |

Drilled to total depth of 3,900' in San Andres. Run open hole electric logs from T. D. to surface casing, drillstem tests, run oilstring casing on any shows of oil. Perforate and stimulate selectively.

RECEIVED

AUG - 4 1966

U. S. GEOLOGICAL SURVEY  
ROSWEIL, NEW MEXICO

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 Production Superintendent

DATE July 28, 1966

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: