

UNITED STATES
DEPARTMENT OF THE INTERIOR

HOBBS OFFICE SURVEY
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
 Ernest A. Hanson

3. ADDRESS OF OPERATOR
 P. O. Box 1515, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 660' FNL & FEL
 At proposed prod. zone Sec. 35, T. 19 S., R. 34 E., N.M.P.M.
 Lea County, New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 25 miles west of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 640

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. 660'

19. PROPOSED DEPTH 5250'

20. ROTARY OR CABLE TOOLS Rotary

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

22. APPROX. DATE WORK WILL START*
 March 1, 1966

5. LEASE DESIGNATION AND SERIAL NO.
 N.M. 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Mescalero Ridge

8. FARM OR LEASE NAME
 Mescalero Ridge Unit 35

9. WELL NO.
 15

10. FIELD AND POOL, OR WILDCAT
 Pearl Queen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 35 - 19S - 34E

12. COUNTY OR PARISH
 Lea

13. STATE
 N. Mex.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/2"	8-5/8"	24#	200'	Circulate to surface
7-7/8"	5-1/2"	15-1/2#	5250'	250 sx.

It is proposed that the captioned well be drilled with rotary to a total depth of 5250 feet in the Queen Formation and that if commercial oil or gas is encountered that the proposed casing program be followed and that the well be perforated and fractured with lease oil.

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 Harry F. Stephens TITLE Geologist DATE 2/17/66

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
 FEB 25 1966
 R. H. BROWN
 DISTRICT ENGINEER

*See Instructions On Reverse Side