

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
~~DRILL~~  Re-enter 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 & 990' FWL**  
At proposed prod. zone **Sec. 35, T. 19 S., R. 34 E., NMPM  
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 drlg. 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.  
**990'**

19. PROPOSED DEPTH  
**5197'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**3732' KB**

22. APPROX. DATE WORK WILL START\*  
**July 1, 1966**

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"	24#	206'	125 sx. already circ. to surface.
7-7/8"	5-1/2"	15-1/2#	5197'	250 sx.

It is proposed that the captioned well be re-entered with rotary and cleaned out to the OTD @ 5197'. Casing will be run as indicated above, the well perforated and then 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 *Henry F. Schuman* TITLE Explor. Mgr. DATE 6-7-66

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED**  
JUN 13 1966  
*A. T. Brown*  
DISTRICT ENGINEER