

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 19620

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC. T. R. M. OR BLK. AND SUBSECTION

12. COUNTY OR PARISH 13. STATE

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

22. APPROX. DATE WORK WILL START

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE  | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---------------|----------------|-----------------|---------------|--------------------|
| No New Casing |                |                 |               |                    |
|               |                |                 |               |                    |
|               |                |                 |               |                    |

Set cmt ret @ 11950' test log 3000 psi. Log pipe 5030-45' w/70  
24 CL "H" + Galad 9 + 50 24 CL "H" Cal Seal. Log 1000 psi to P+A  
wellcamp. Cap cmt ret w/10' cmt. Del cmt + ret to below  
5100' test log 500 psi. Del CIBP @ 8000'. Del cmt + ret @ 8450.  
Del ret @ 9000' or push to below 12000'. Circ hole (Clear).  
Log 12000'-9000'. Perf Bone Springs 11,967-71' w/2) JH. Swab  
+ test. Log w/ 15% NEFE. Perf 11,261, 11,276, 11,351, 11,401, 11,425  
(See Attached Sheet)

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

RDPithe

TITLE

AREA ENGINEER

DATE

3-7-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

3-20-85

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAR 21 1985

QED  
JOHN C. GIBBS