

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   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
*Continental Oil Company*

3. ADDRESS OF OPERATOR  
*P.O. Box 466, Hobbs, New Mexico*

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
*1650' FNL & 1650' FWH of Sec. 5*  
 At proposed prod. zone  
*Same*

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

5. LEASE DESIGNATION AND SERIAL NO.  
*K.C. - 061374 - A*  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
*Bell Lake*  
 8. FARM OR LEASE NAME  
*Bell Lake Unit 1*  
 9. WELL NO.  
*14*  
 10. FIELD AND POOL, OR WILDCAT  
*Atoka Permian Basin*  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
*Sec. 5, T-29, S 8-34-E*  
 12. COUNTY OR PARISH  
*Lea*  
 13. STATE  
*N. Mex.*

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 16. NO. OF ACRES IN LEASE  
*5760*  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
*300*

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH  
*13,750'*  
 20. ROTARY OR CABLE TOOLS  
*Rotary*

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
*3600' GR (cont.)*  
 22. APPROX. DATE WORK WILL START\*  
*12-15-73*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16" H-40	65.0 <sup>#</sup>	500'	Circ. 450 sacks
14 3/4"	10 3/4" J-55	45.0 <sup>#</sup>	5,200'	Circ. 950 sacks
9 1/2"	7 7/8" MN-90	39.0 <sup>#</sup>	12,200'	550 sacks
6 1/2"	5" MN-90	15.0 <sup>#</sup>	13,750'	200 sacks

It is proposed to drill a straight hole to a T.D. of 13,750' and complete as an Atoka Permian Basin, gas well.

Mud Program - 0'-500' (8.5<sup>#</sup> Spud mud), 500'-5,000' (10.2<sup>#</sup> Brine Water), 5,000'-5,200' (10.4<sup>#</sup> Mud VP), 5,200'-12,200' (8.3<sup>#</sup> Fresh water), 12,200' prior to log (8.5<sup>#</sup> Non-impregnated), 12,200'-12,500' (13.0<sup>#</sup> Non-impregnated), 12,500'-13,750' (13.8<sup>#</sup> - 13.5<sup>#</sup> Non-impregnated)

See attached for Blow out Preventer Program.

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 *[Signature]* TITLE *Admin. Supervisor* DATE *10-29-73*

(This space for Federal or State office use) **Drilling of the well must be in compliance with the attached "Drilling Well Control Requirements" dated June 22, 1973.**

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

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED**  
 NOV 8 1973  
 ARTHUR R. BROWN  
 DISTRICT ENGINEER

\*See Instructions On Reverse Side

USGS/6, Partners-6, File