

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

COPY TO O.C.G.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------|--|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> <i>Re-completion</i> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. <i>LC 032096(a)</i> | |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR <i>Continental oil company</i> | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR <i>Box 460 Hobbs, New Mexico</i> | | 8. FARM OR LEASE NAME <i>Loc Chart A-17</i> | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <i>1980' FNL and 660' FEL at Sec 17, T-215, R-37E</i> At proposed prod. zone <i>Same</i> | | 9. WELL NO. <i>3</i> | |
| 10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* | | 11. FIELD AND POOL, OR WILDCAT <i>Penrose Skelly Grayling</i> | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) | | 12. COUNTY OR PARISH <i>Lea</i> | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. | | 13. STATE <i>N. Mexico</i> | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) | | 17. NO. OF ACRES ASSIGNED TO THIS WELL <i>40</i> | |
| 23. PROPOSED CASING AND CEMENTING PROGRAM | | 20. ROTARY OR CABLE TOOLS | |
| 22. APPROX. DATE WORK WILL START* <i>5-31-72</i> | | | |

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| | <i>No</i> | <i>Change</i> | | |

Perf w/ 2-4 shots at \pm 3830'. Squeeze w/ 50 sacks cement.
Perf w/ 2 shots at 3730'. Cement or squeeze w/ 150 sacks
Class C cement. Perf w/ 1 jspt at 3727', 3733', 3743', 3752',
3759', 3764', 3770' and 3773'. Set pkr at 3660'. Treat w/ 2000
gals 15% HCL-NE acid. Flood w/ 15,000 gals produced water
and 30,000 # 20/40 sand.

Drk. zone only T. Abd. - held for possible secondary
recovery operations

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 *Administrative Supervisor* DATE *5-22-72*
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED
MAY 30 1972
ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

115655) 11MFL 11L 1 E: D.