

UNITED STATES  
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-143-3-31

5. LEASE DESIGNATION AND SERIAL NO.  
NM 0108997-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal 23

9. WELL NO.  
7

10. FIELD AND POOL, OR WILDCAT  
Chaveroo - San Andres

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
23-T7S-R33E-NMPM

12. COUNTY OR PARISH  
Roosevelt

13. STATE  
New Mexico

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  
Kern County Land Company

3. ADDRESS OF OPERATOR  
418 First State Bank Bldg., Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1980' FEL & 1980' FSL, Section 23 (Unit J, NW/4, SE/4)  
At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 16 miles N & W of Milnesand, New Mexico

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE  
2160

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. 1320'

19. PROPOSED DEPTH  
4300'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4343' GR

22. APPROX. DATE WORK WILL START\*  
April, 1967

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	20	1800'	375 sx - Circulate
6 1/4"	4 1/2"	9.5	4300'	350 sx

Drill 8 3/4" hole to 1800'. Cement 7" casing to surface w/275 sx Incon cement + 8% gel & 100 sx Incon neat cement treated w/2% CaCl<sub>2</sub>.  
Test casing to 1000 psi for 30 mins.  
Drill 6 1/4" hole to 4300'. Cement 4 1/2" casing at 4300' w/250 sx Incon salt saturated cement + 8% gel & 100 sx Incon + 10% salt. Test casing to 2000 psi for 30 mins.  
Perforate & stimulate for commercial production.

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 C. F. Eaton TITLE District Engineer DATE 4-12-67

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
APR 17 1967  
A. H. DUVVIL  
DISTRICT ENGINEER

\*See Instructions On Reverse Side