

COPY TO O. C. G.

Form 9-331 C  
(May 1963)

SUBMIT IN TRIP

(Other instructions  
reverse side)Approved.  
Budget Bureau No. 42-R1425.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

Western Drilling Company

3. ADDRESS OF OPERATOR

Box 1392, Longview, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 660 FSL & 660 FWL SW/4 of Sec. 21, T-9-S, R-38-E, 1965

Lea County, New Mexico

At proposed prod. zone

San Andres

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

17 1/2 Miles NE of Crossroads, New Mexico

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660' SL &amp; 660' WL

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

5075'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

3840 G. R.

22. APPROX. DATE WORK WILL START\*

June 23, 1965

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	28#	400'	225 Sks (Circulate)
7 7/8"	4 1/2"	11:60#	5075'	800 Sks

Drill 11" hole from surface to approximately 400'. Run & cement 8 5/8" circulating cement back to surface. Drill 7 7/8" hole to approximately 5075'. Run electric logs. Run 4 1/2" OD 11:60# production casing and cement w/700 sks. regular, 4% acquagel added. 100 sks Incor w/Latex added. WOC 48 hrs. Test casing. Run ties in & collar log. Perforate production zone and treat w/10,000 gal. acid. Swab back acid and load fluid. Test.

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

*J. R. Dunaway*

TITLE

Partner

DATE

6/11/65

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

JUN 14 1965

\*See Instructions On Reverse Side J. L. GORDON  
ACTING DISTRICT ENGINEER

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