



SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Permit No. 64 430

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
Southland Royalty Co.

3. ADDRESS OF OPERATOR
1603 First National Bldg., Fort Worth, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 660' PSL & 1980' PSL Sec. 20 - T.9N - R.78W of 6P.M.
At proposed prod. zone Approx. Same *C NE SE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Well is approximately 6 mi. East of Walden, Colorado

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 520

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. None

19. PROPOSED DEPTH 7000'

20. ROTARY OR CABLE TOOLS Rotary all way

21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 8286'

22. APPROX. DATE WORK WILL START* Sept. 25, 1964

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	8 5/8	24#-J-8	350+-	Circulate
7 7/8"	4 1/2 or 5#	14# or 15#	6700'	600' up from T.D.

We propose to set 350'+- of 8 5/8" new surface casing & circulate cement. Put on blowout preventer, pressure test casing & drill 7 7/8" hole to Muddy Sand Possible cores in Muddy Sd, Dakota Sd, & Lakota Sd, if productive set through & perforate for production.

DVR	<i>agreed all</i>
WRS	<i>mtg. per coming in - OK 9-17/64</i>
HHM	<i>plotted</i>
JAM	
FJP	
JJD	
FILE	

RECEIVED
SEP 16 1964
OIL & GAS
CONSERVATION COMMISSION

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 JRB Burneth TITLE Mgr. Production DATE 9-15-64

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE SEP 17 1964

APPROVED BY Al Rogers TITLE Director DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Permit No. 64 430

*See Instructions On Reverse Side