

N. J.C.D. COPY

SUBMIT IN TRIPPLIC.
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23690

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 Company

3. ADDRESS OF OPERATOR

1100 Wall Towers West, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

990' FSL & 2310' FEL, Sec. 15, T-17-S, R-30-E

At proposed prod. zone

Same

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

1 mile Northeast of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

330' North

18. DISTANCE FROM PROPOSED LOCATION*

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

933' SE

16. NO. OF ACRES IN LEASE

400

19. PROPOSED DEPTH

3550'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3692.3' GR

22. APPROX. DATE WORK WILL START*

3-1-81

23.

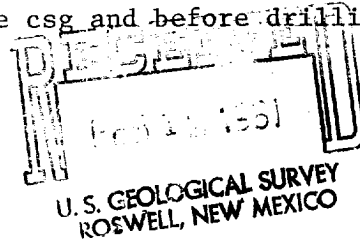
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	450'	300 sxs CIRCULATE
7 7/8"	5 1/2"	15.5#	3550'	1100 sxs.

Dr1 12 1/4" hole to 450'. Set csg @ 450'; Circ. cmt. Dr1 7 7/8" hole to 3550'. Set csg @ 3550'; cmt w/sufficient volume to bring cmt above the base of the surface csg. Est. top of cmt @ 200'. Perf & stimulate Grayburg & San Andres for production.

MUD PROGRAM: 0-450', spud mud; 450-2800', 10# brine wtr & gel; 2800-TD, 9.5# cut brine wtr. Vis 40-45, fluid loss 8-10 cc thru San Andres.

BOP PROGRAM: BOP to be tested before drilling below surface csg and before drilling thru anticipated oil & gas formations.



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

CC Parsons

TITLE

District Operation Engineer

DATE

2-9-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(Sgd.) GEORGE H. STEWART

TITLE

ACTING DISTRICT ENGINEER

DATE

MAR 02 1981

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side