

N. M. OIL GUNS COMMISSION  
P. O. BOX 191  
HOBBS, NEW MEXICO 88240  
UNITED STATES  
DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPL E\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

30-025-28668

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

DEC 9 1983

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER ☐

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

21 Desta Drive, Midland, Texas 79701

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

At surface

1980' FSL & 1980' FWL, Sec. 4, T-25-S, R-34-E

At proposed prod. zone

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

24 miles southwest of Jal, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

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

1980'

18. DISTANCE FROM PROPOSED LOCATION\*

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

N.A.

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

15,400'

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3353.4'

22. APPROX. DATE WORK WILL START\*

12-15-83

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	600'	500 sx. <b>CIRCULATE</b>
12 1/4"	9 5/8"	36#	5250'	3500 sx.
8 3/4"	7"	26#	13,250'	3000 sx.
6 1/8"	4 1/2"	15.10#	15,400'	500 sx.

Set 20" conductor @ 40'. Drl 17 1/2" hole & set 13 3/8" csg @ 600'. Circ cmt. Drl 12 1/4" hole & set 9 5/8" csg @ 5250'. Circ cmt. Drl 8 3/4" hole & set 7" csg @ 13,250'. Circ cmt up to 5250'. Drl 6 1/8" hole & set 4 1/2" liner from 12,950' to 15,400'. Complete in Morrow thru 2 7/8" tbg and PBR set in top of liner.

MUD PROGRAM: 0-600' spud mud; 600-5250' Brine water; 5250-13,250' cut Brine water; 13,250-15,400' invert oil base mud. MW 14.7#, VIS 60. BHP @ TD expected to be 10,000 psi.

BOP PROGRAM: 12"-3M annular BOP to be installed on 13 3/8" csg. 11"-10M BOP stack to be installed on 9 5/8" and left on for remainder of drilling. Stack to consist of drilling head, annular BOP, blind ram BOP, and two pipe ram BOP's. Test BOP's after setting 9 5/8" csg & 7" csg w/Yellow Jacket, Inc.

GAS NOT DEDICATED

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

*John Harben*

TITLE

District Production Manager

DATE 12-9-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

'Orig. Sgd.' Earl R. Cunningham

TITLE

District Manager

CONDITIONS OF APPROVAL, IF ANY:

DATE

MAR 27 1984

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

ations On Reverse Side

RECEIVED  
MAR 28 1984  
O.C.D.  
HOBBS OFFICE