

30-025-27285

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FILE

U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐FEE ☒

5. State Oil & Gas Lease No.

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

UNIT LETTER L LOCATED 660 FEET FROM THE West LINEAND 1980 FEET FROM THE South LINE OF SEC. 34 TWP. 18S RGE. 35E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Peoples "34"

9. Well No.

1

10. Field and Pool, or Wildcat

(Undesignated) Wolfcamp

12. County

Lea

13. Proposed Depth

10,800

Bone Spring "YH"
Wolfcamp "FU"

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RT, etc.)

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Hondo Drilling

22. Approx. Date Work will start

3-15-81

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11 3/4"	42#	400'	400 sxs	Circ
11"	8 5/8"	24 & 28#	4000'	1500 sxs	Circ
7 7/8"	5 1/2"	15.5 & 17#	10,800'	400 sxs	@ 8000'

Drl 15" hole to 400'. Set surface csg @ 400', Circ cmt. Drl 11" hole w/wtr to depth of 4000'. Set csg @ 4000', Circ cmt. Drl 7 7/8" hole to 7500' w/fresh wtr; add brine wtr only as needed to raise mud wt. Drl to TD of 10,800' to test Wolfcamp & intermediate horizons w/shows. Run 5 1/2" csg to TD. Cmt w/sufficient volume to cover all prospective zones. Estimated top of cmt @ 8000'. Perf & stimulate Wolfcamp for production.

MUD PROGRAM: 0-400', spud mud; 400-4000', brine wtr; 4000-7500', fresh wtr; 7500-8500', cut brine wtr; 9500'-TD, starch, gel, drispac, Vis 40, 10cc wtr loss thru Wolfcamp.

BHP @ TD anticipated to be 4600 psi. no abnormal pressures expected.

BOP Program: BOP to be tested after installation of 8 5/8" csg by Yellow Jacket, Inc.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 8/23/81
UNLESS DRILLING UNDERWAY

GIVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

certify that the information above is true and complete to the best of my knowledge and belief.

CC Parsons

Title District Operations Engineer

Date February 20, 1981

(This space for State Use)

BY *[Signature]*

TITLE

DATE

5 OF APPROVAL, IF ANY: