

30-025-27724

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

DISTRIBUTION

SANTA FE

FILE

U.S.G.S.

LAND OFFICE

OPERATOR

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, TX 79701

4. Location of Well

UNIT LETTER J

LOCATED 1980

FEET FROM THE South

LINE

AND 1980

FEET FROM THE East

LINE OF SEC. 8

TWP. 14S

RGE. 33E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Baum State

9. Well No.

1

10. Field and Pool, or Wildcat

Baum (Bough) Upper Penn

UNDESIGNATED

12. County

Lea

19. Proposed Depth

10,100'

19A. Formation

Bough

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DI, RI, etc.)

4245.1' GR

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Hondo Drlg. Company

22. Approx. Date Work will start

2-8-82

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	13 3/8"	40#	380'	400 sxs	Circ
11"	8 5/8"	24 & 32#	4100'	1500 sxs	Circ
7 7/8"	5 1/2"	17#	10,100'	400 sxs	8000'

Drill 15" hole to 380'. Set 13 3/8" csg. circ cmt. Drill 11" hole to 4100'. Set 8 5/8" csg. circ cmt. Drill 7 7/8" hole to TD to test the Bough "C" and intermediate horizons with shows. If commercial, run 5 1/2" csg to TD. Cmt w/sufficient volume to bring cmt above prospective zones. Estimated top of cmt @ 8000'. Perforate and stimulate. MUD PROGRAM: 0-380' spud mud; 380-4100' brine wtr; 4100-7500' fresh wtr; 7500-8500' cut brine wtr; 8500-TD starch, gel, Drispac. Mud wt. 9.7, Vis 40, WL 10cc. BHP @ TD anticipated to be 4400 psi.

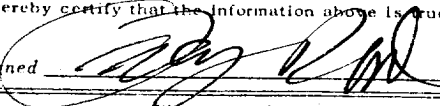
BOP PROGRAM: BOP to be installed and tested after setting 8 5/8" csg. BOP to be tested by Yellow Jacket, Inc.

GAS NOT DEDICATED

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2/28/82
UNLESS DRILLING UNDERWAY

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

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

Signed  Title District Operations Engineer Date 1-26-82

(This space is to be signed by)

Jerry Saxon

Dist. 1, Supv.

APPROVED BY _____ TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JAN 28 1982