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NEW MEXICO OIL CONSERVATION COMMISSION

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MAR 21 1979

O.C.C.

ARTESIA, OFFICE

30-015-22884
Form C-101
Revised 1-14-65

5A. Indicate Type of Lease STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No. I-6702
7. Unit Agreement Name -
8. Farm or Lease Name State "30" Com.
9. Well No. 1
10. Field and Block, or Wildcat Undesignated (Morrow)
12. County Eddy
13. Proposed Depth 11,300
19A. Formation Morrow
20. Rotary or C.T. Rotary
21a. Kind & Status Plug. Bond Blanket
21b. Drilling Contractor Hondo Drilg. Co. Rig #5
22. Approx. Date Work will start 4-1-79

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ 2. Name of Operator Southland Royalty Company ✓ 3. Address of Operator 1100 Wall Towers West, Midland, Texas 79701 4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE south LINE 2150 FEET FROM THE east LINE OF SEC. 30 TWP. 19S R. 28E N. 1000'	5. Proposed Depth 11,300 6. Formation Morrow 7. Rotary or C.T. Rotary 8. Kind & Status Plug. Bond Blanket 9. Drilling Contractor Hondo Drilg. Co. Rig #5 10. Approx. Date Work will start 4-1-79
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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#	350	500	Circ.
11"	8 5/8"	24#	2,500	1100	Circ.
7 7/8"	4 1/2"	11.6#	11,300	800	9000'

Set surface csg. @ 350' at T/salt. Circ. cement. Drill 11" hole w/brine wtr. to prevent wash out. Drill 11" hole to 2500', set 8 5/8" csg. @2500'. Drill 7 7/8" hole w/fresh water to 7500'. Add brine water @ 7500' to raise mud wt. Drill to TD to test Morrow and intermediate horizons. If commercial will run 4 1/2" csg. to TD. Cement w/sufficient cement to bring cement above all prospective zones. Estimated T/cement @ 9000'. Perforate and stimulate Morrow for production.

Mud Program: 0-350' spud mud; 350'-2500' 10# brine wtr. 2500-7500' fresh wtr.; 7500-9500', cut brine wtr; 9500-TD starch gel, flosal, Drispac 10.0# vis 36-40, wl 6 cc through Morrow. Bottom hole pressure @ TD anticipated to be 4500 psi. No abnormal pressures expected. Gas separator to be set @ 4000'.

BOP Program: BOP to be installed on 11 3/4"-double 10" Ser. 900. BOP to be installed on 8 5/8"-double 10" Ser. 900 plus 10" Ser. 900 Hydril plus Drilg. Head. Test APPROVE MORROW Jacket, Inc. after setting 8 5/8". Test BOP daily.

GAS IS NOT DEDICATED.

FOR 90 DAYS UNLESS
DRILLING COMMENCED,

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

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

Signed C. Harney Can Title District Engineer Date 3-20-79
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAR 23 1979
CONDITIONS OF APPROVAL, IF ANY: