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NEW MEXICO OIL CONSERVATION COMMISSION

30-015-23425
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
L-4893

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Southland Royalty Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
1100 Wall Towers West Midland, Texas 79701		Undesignated (Wolfcamp)	
4. Location of Well		12. County	
UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE		Eddy	
AND 660 FEET FROM THE East LINE OF SEC. 15 TWP. 19-S RGE. 29-E NMPM		13. Proposed Depth	
		10,650'	
		19A. Formation	
		Wolfcamp	
		20. History of C.T.	
		Rotary	
21. Elevations (show whether DT, RT, etc.)		21B. Drilling Contractor	
3306. Gr.		Hondo Rig #3	
21A. Kind & Status Plug Bond		22. Approx. Date Work will start	
Blanket		on approval	

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#	225'	400 sxs	Circ.
11"	8 5/8"	24#	2800'	1200 sxs	Circ.
7 7/8"	5 1/2"	17#	10,650'	1100 sxs	7000'

Dr1. 15" to 225'. Set csg. @ 225' at T/Salt circ cmt. Dr1. 11" hole w/br wtr to prevent wash out to depth of 2800'. Set 8 5/8" csg @ 2800'; circ cmt. Dr1 7 7/8" hole to 7500' w/fr wtr; add br wtr to raise mud wt. Dr1 to TD of 10,650' to test Wolfcamp and intermediate zones. If commercial, will run 5 1/2" csg to TD. Cmt w/sufficient cmt to bring cmt above all prospective zones. Est. top/cmt @ 7000'. If intermediate horizons productive, will run cmt staging tool @ 9000' ± and use additional cmt vol. Perf & stimulate Wolfcamp for production. Mud Program: 0-225' spud mud; 225'-2800' 10# br wtr; 2800'-7500' fr wtr; 7500'-9500' cut br wtr; 9500'-TD starch, gel, flosal, drispac 10.0#, Vis 36-40. BHP @ TD anticipated to be 4600 psi; No abnormal pressures expected. BOP Program: BOP to be instd on 11 3/4", double 10" ser 900. BOP to be instd on 8 5/8", double 10". Ser 900 + 10" ser 900. Hydril + drlg head. Test w/Yellow Jacket Inc. Test BOP daily. Gas well, Gas not dedicated.

APPROVAL VALID
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 ZONE. 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 Donald R Craig Title District Operation Engineer Date 7-24-80

(This space for State Use).

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JUL 28 1980

CONDITIONS OF APPROVAL, IF ANY: