

30-025-29423

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-85

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

L-5168

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Madera Ridge "22" Stat	
2. Name of Operator Southland Royalty Company		9. Well No. 1	
3. Address of Operator 21 Desta Drive, Midland, Texas 79705		10. Field and Pool, or Wildcat Undesignated (Wolfcamp)	
4. Location of Well UNIT LETTER 0 LOCATED 990 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 22 TWP. 24S RGE. 33E NMPM		12. County Lea	
19. Proposed Depth 13,900'		19A. Formation Wolfcamp	
20. Rotary or C.T. Rotary		21. Kind & Status Plug. Bond	
21B. Drilling Contractor		22. Approx. Date Work will start 10-4-85	
2. Elevations (Show whether DF, RT, etc.) 3555.2' GR			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	Conductor	40'	Ready Mix	
17 1/2"	13 3/8"	48#	800'	650 sx	Circ
12 1/4"	9 5/8"	36#	5100'	2200 sx.	Circ.
8 3/4"	7"	26#	12,900'	1700 sx	TOC @ 5000'
6 1/8"	4 1/2" liner	15.10#	12,600-13,900'	300 sx	

Set 20" conductor @ 40'. Drill 17 1/2" hole & set 13 3/8" csg @ 800'. Circ cmt. Drill 12 1/4" hole & set 9 5/8" csg @ 5100'. Cmt w/2200 sx. Circ cmt. Drill 8 3/4" hole & set 7" csg @ 1,900'. TOC estimated to be 5000'. Drill to TD to test Wolfcamp.

If commercial, run 4 1/2" liner to TD. Cmt w/sufficient volume to cover liner.

Perf & stimulate Wolfcamp for production.

MUD PROGRAM: 0-800' spud mud; 800-5100' brine; 5100-12,900' cut brine; 12900-13,900' cut brine, Drispac, X-C Polymer, 3% KCl. MW 10-14.5, VIS 35-50, 6 cc. BHP @ TD anticipated to be 10,000 psi.

BOP PROGRAM: 18 3/4"-5M annular BOP tested to 1000 psi after setting 13 3/8" csg.

11"-10M BOP stack tested to 10,000 psi after setting 9 5/8" & 7" csg. Test BOP w/Yellow Jacket, Inc. after setting 7" csg.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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. GIVE SLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Donnell Roberts Title Operations Engineer Date 9/20/85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE SEP 24 1985

CONDITIONS OF APPROVAL, IF ANY:

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SEP 24 1985
O.C.D. OFFICE
HOBBS OFFICE