

30-025-28538

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## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. K-3338
7. Unit Agreement Name
8. Farm or Lease Name Good State
9. Well No. 1
10. Field and Pool, or Wildcat Baum Upper Penn
11. Undesignated
12. County Lea
19. Proposed Depth 10,000'
19A. Formation Upper Penn
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4312.6' GR
21A. Kind & Status Plug. Bond
21B. Drilling Contractor
22. Approx. Date Work will start 12-31-83

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	2. Name of Operator Southland Royalty Company	3. Address of Operator 21 Desta Drive, Midland, Texas 79705	4. Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 26 TWP. 13S RGE. 32E NMPM
23. PROPOSED CASING AND CEMENT PROGRAM			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	400'	450 sx.	Circulate
12 1/4"	8 5/8"	24 & 28#	4050'	2600 sx.	Circulate
7 7/8"	5 1/2"	17#	10,000'	Cmt volume determined by BHV Integration TOC @ 7000'	

Drill 17 1/2" hole to 400'. Set 13 3/8" csg. Circ cmt. Drill 12 1/4" hole to 4050'. Set 8 5/8" csg. Circ cmt. Drill 7 7/8" hole to TD to test the Upper Penn 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 @ 7000'. Perforate and stimulate.  
MUD PROGRAM: 0-400' spud mud; 400-1600' Native, 4.6% oil, 1600-4050' brine gel, 2% oil, 4050-9000' Fresh water; 9000-TD Fresh Gel, Drispac. MW 8.6-8.9, VIS 36-40. BHP @ TD anticipated to be 4400 psi.

BOP PROGRAM: BOP to be installed and tested after setting 8 5/8" csg & at 9000'. BOP to be tested by Yellow Jacket, Inc.

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 6/19/84  
UNLESS DRILLING UNDERWAY

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 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 Daniel C. Roberts Title Operations Engineer Date 12-13-83

(This space for State Use)

DEC 19 1983

APPROVED BY ORIGINAL SIGNED BY BOBIE SEAY  
OIL & GAS INSPECTOR DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
DEC 16 1983  
FBI  
HONOLULU OFFICE