

3-035-38830

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Scharb "9"	
2. Name of Operator Southland Royalty Company		9. Well No. 5	
3. Address of Operator 21 Desta Drive, Midland, Texas 79705		10. Field and Pool, or Wildcat Scharb (Bone Springs)	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 860 FEET FROM THE West LINE OF SEC. 9 TWP. 19S RGE. 35E NMPM		12. County Lea	
19. Proposed Depth 9900'		19A. Formation 2nd BS Sand	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3830' GR	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start 8-17-84

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'	400 sx	Circ.
12 1/4"	8 5/8"	24 & 28#	4000'	2000 sx	Circ.
7 7/8"	5 1/2"	17 & 15.5#	9900'	900 sx	TOC @ + 7000' by TS

Drill 17 1/2" hole to 400'. Set 13 3/8" csg @ 400'. Cmt w/400 sx cmt & circ. Drill 12 1/4" hole to 4000'. Set 8 5/8" csg @ 4000'. Cmt w/2000 sx cmt & circ. Drill 7 7/8" hole to 9900'. Set 5 1/2" csg @ 9900'. Cmt w/sufficient volume to cover all prospective zones. Est top of cmt @ 7000'. Perf and stimulate Bone Springs for production.  
MUD PROGRAM: 0-400' spud mud; 400-4000' Salt wtr; 4000-9000' Cut brine wtr; 9000-9900' Salt wtr gel & drispac. MW 9-9.4, VIS 40, 10-15 cc. BHP @ TD anticipated to be 4000 psi. No abnormal pressures expected.  
BOP PROGRAM: BOP to be tested after each new installation and after setting 8 5/8" csg by Yellow Jacket, Inc. Test BOP @ 6500' & 9500'.

Gas Not Dedicated

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 2/6/85  
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 Danell Roberts Title Operations Engineer Date 8/3/84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE  DATE AUG - 6 1984

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG - 6 1984

OFFICE  
HONORABLE