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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-27270

Form C-101
Revised 1-1-65

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 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"/>		8. Firm or Lease Name Scharb "8"	
2. Name of Operator Southland Royalty Company		9. Well No. 1	
3. Address of Operator 1100 Wall Towers West; Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated (Wolfcamp)	
4. Location of Well UNIT LETTER A LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE OF SEC. 8 TWP. 19S RGE. 35E NMPM		12. County Lea	
19. Proposed Depth 10,800'		19A. Formation Bone Spring (Wolfcamp FU)	
21A. Kind & Status Plug. Bond Blanket		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DT, RT, etc.) 3844.9' GR		22. Approx. Date Work will start February 20, 1981	

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#	410'	400 sx	Surface
11"	8 5/8"	24 & 28#	4100'	1500 sx	Surface
7 7/8"	5 1/2"	15.5 & 17#	10,800'	400 sx	8,000 Est

Dr1 15" hole to 410'. Set surface csg @ 410', Circ Cmt. Dr1 11" hole w/wtr to depth of 4100'. Set csg @ 4100'; circ cmt. Dr1 7 7/8" hole to 7500' w/fresh wtr; Add brine wtr only as needed to raise mud wt. Dr1 to TD of 10,800' to test Wolfcamp & intermediate horizons w/shows. Run 5 1/2" csg to TD. Cmt w/sufficient volume to cover all prospective zones. Est top of cmt @ 8000'. Perf & stimulate Wolfcamp for production.

MUD PROGRAM: 0-410' spud mud; 410-4100', brine wtr; 4100-7500', fresh water; 7500-8500' cut brine water, 8500-TD, starch, gel, drispac, Vis 40, 10cc water loss thru Wolfcamp. BHP @ TD anticipated to be 4600 psi. No abnormal pressures expected.

BOP PROGRAM: BOP to be tested after installation of 8 5/8" csg by Yellow Jacket Inc.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5/11/81
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND UNDERWAY 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 CC Parsons Title District Operations Engineer Date January 30, 1981

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE FEB 11 1981

CONDITIONS OF APPROVAL, IF ANY: