

30-025-26891

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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.	
A-4096	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		DRILL <input checked="" type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>	
b. Type of Well		OIL WELL <input checked="" type="checkbox"/>		GAS WELL <input type="checkbox"/>		OTHER <input type="checkbox"/>	
2. Name of Operator		Southland Royalty Company		7. Unit Agreement Name			
3. Address of Operator		1100 Wall Towers West, Midland, Texas 79701		8. Form or Lease Name		Scharb 4	
4. Location of Well		UNIT LETTER M LOCATED 660 FEET FROM THE South LINE		9. Well No.		1	
AND 660 FEET FROM THE West LINE OF SEC. 4 TWP. 19-S RGE. 35-E NMPM				10. Field and Pool, or Wildcat		Undesignated (Wolfcamp)	
				12. County		Lea	
				19. Proposed Depth		11,000'	
				19A. Formation		Wolfcamp	
				20. Rotary or C.T.		Rotary	
21. Elevation (show whether D.R., K.I., etc.)		21A. Kind & Status Plug. Bond		21B. Drilling Contractor		22. Approx. Date Work will start	
3865.7' GR.		Blanket		Hondo Drilg Co., Rig #1		July 1, 1980	

23.

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#	425'	425 sxs	surface
11"	8 5/8"	24# & 28#	4,000'	1600 sxs	surface
7 7/8"	5 1/2"	15.5 & 17#	11,000'	400 sxs	8000'

Drill 15" hole & set surface csg @ 425', circ cmt. Drill 11" hole w/brine water to prevent wash out to 4000'. Run 8 5/8" csg to 4000' and circ. cmt. Drill 7 7/8" hole w/fresh water to 7500' and add brine water to raise mud wt. to 9.7# @ TD. Drill to TD of 11,000' to test Wolfcamp. If commercial, will run 5 1/2" csg to TD. Cmt w/sufficient vol. to bring cmt above all prospective zones. Estimate T/cmt to 8000'. Perf and stimulate Wolfcamp for production. BOP Program: BOP to be installed on 11 3/4" double ser 900. BOP to be installed on 8 5/8" double 10" ser. 900 plus 10" ser 900 Hydril plus drilling head. Yellow Jacket, Inc. to test 8 5/8" installation. BOP to be tested daily.

BOP Sketch attached.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 9-25-80

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 Donald R. Crang Title District Operation Engineer Date June 20, 1980

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR IN CHARGE DATE JUN 25 1980

CONDITIONS OF APPROVAL, IF ANY: