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# NEW MEXICO OIL CONSERVATION COMMISSION

Form O-1  
Revised 1-1-66

5A. Lease Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
K-5351

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

1a. Type of Work	DRILL <input type="checkbox"/> <u>RE-ENTER</u> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	7. Unit Agreement Name	-
3. Type of Well	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Farm or Lease Name	Vada-State
2. Name of Operator	Southland Royalty Company	9. Well No.	3
1. Address of Operator	1405 Wilco Bldg., Midland, Texas 79701	10. Field and Pool, or Wildcat	Undesig. (Vada-Penn.)
4. Location of Well	UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE	11. Field and Pool, or Wildcat	Undesig. (Vada-Penn.)
	<u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>9-S</u> RGE. <u>34-E</u> NMPM	12. County	Lea
		19. Proposed Depth	9925'
		19A. Formation	Bough "C"
		20. Rotary or C.T.	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
4264' GR	Blanket-current	Cactus	5-7-68

23.

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
Unknown	13 3/8	Unknown	363	300 sx.	Circulated
12 1/4	8 5/8	Unknown	4100	200 sx.	*
7 7/8	5 1/2	15.5 & 17	9925	600 sx.	6000

\* 8 5/8" recovered to 1290 ft.

We propose to re-enter well, clean out 7 7/8" hole to old TD of 9925'.  
Run 5 1/2" 15.5# and 17# casing to 9925'. Complete as Bough "C" well.

Originally drilled as the Cactus Atlantic State No. 1 and plugged 8-22-65.

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 C.H. [Signature] Title District Engineer Date 5-3-68

(This space for State Use)

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: