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NEW MEXICO OIL CONSERVATION COMMISSION

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Culpepper Martin	
2. Name of Operator Southland Royalty Company		9. Well No. 17	
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico		10. Field and Pool, or Wildcat Basin Dakota	
4. Location of Well UNIT LETTER 0 LOCATED 1070 FEET FROM THE South LINE AND 1840 FEET FROM THE East LINE OF SEC. 33 TWP. 32N RGE. 12W NMPM		12. County San Juan	
19. Proposed Depth 7205'		19A. Formation Dakota	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6025' GR	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start May 15, 1978

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36#	200'	129.8 cu. ft.	Circ to surface
8-3/4"	7"	23#	4680'	465 cu. ft.	Cover Ojo Alamo
6-1/4"	4-1/2"	10.50#	4530'-7205'	417 cu. ft.	Liner top
	2-3/8"	4.7#	7200'		

Surface formation is Nacimiento.

Top of Ojo Alamo is at 1206'.

Top of Pictured Cliffs is at 2410'.

Top of Point Lookout is at 4780'

Fresh water mud will be used to drill to intermediate casing point.

An air system will be used to drill from intermediate casing point to total depth.

It is anticipated that a Gamma Ray Induction and a Gamma Ray Density log be run at total depth.

No abnormal pressures or poisonous gases are anticipated in this well.

It is expected that this well be drilled before July 1, 1978. This depends on rig availability, time required for approvals and the weather.

Gas is dedicated.

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 [Signature] Title District Production Manager Date May 1, 1978

(This space for State Use)

Original Signed by A. R. Kendrick

APPROVED BY \_\_\_\_\_ TITLE SUPERVISOR DIST. #2 DATE May 1, 1978

CONDITIONS OF APPROVAL, IF ANY: