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LAND OFFICE	/
OPERATOR	/

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

DEC 13 1978

O. C. C.
ARTESIA, OFFICE

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.
OG 5939

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	7. Unit Agreement Name
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" 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. Farm or Lease Name State RC
2. Name of Operator Southland Royalty Company	9. Well No. 2
3. Address of Operator 1100 Wall Towers West Midland, TX 79701	10. Field and Pool, or Wildcat Grayling Jackson
4. Location of Well UNIT LETTER I LOCATED 1980 FEET FROM THE south LINE AND 660 FEET FROM THE east LINE OF SEC. 36 TWP. 16-S RGE. 31-E NMPM	12. County Eddy
19. Proposed Depth 3700'	19A. Formation Queen
21. Elevation (show whether DF, RI, etc.) 4090' GR	20. Rotary or C.T. Blanket Active
21A. Kind & Status Plug. Bond Blanket Active	21B. Drilling Contractor N.A.
22. Approx. Date Work will start 12-20-78	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24	333	250	
6 7/8"	4 1/2"	9.5	4024	200	

*11.4 Sec. 36 #9

The subject well is presently producing from the Maljamar (G-SA) in the Robinson Unit. Current well name is the Robinson Unit #36-9. It is recommended to plugback the subject well to test the Queen as follows:

1. Rig up pull rods & tubing.
2. Set CIBP @ 3700'. Cap w/35' cmt.
3. Perforate the Queen interval w/2JSPF @ 3114-3138'.
4. Acidize & frac the interval w/3000 gals acid and 15,000 gals frac fluid w/20,250# sand.

Post
LD-3
12-21-78
C. H. H. H.

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 BLOW-OUT 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. Harney Can Title District Engineer Date 12-12-78
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE DEC 21 1978
CONDITIONS OF APPROVAL, IF ANY: