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NEW MEXICO OIL CONSERVATION COMMISSION

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JUN 25 1982

O. C. D.

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
7. Unit Agreement Name
8. Farm or Lease Name State "RC"
9. Well No. 3
10. Field and Pool, or Wildcat Grayburg-Jackson (Q, SR, GE)
12. County El Paso
19. Proposed Depth 3725' +
19A. Formation Queen
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4077.5' KB
21A. Kind & Status Plug. Bond
21B. Drilling Contractor Unknown
22. Approx. Date Work will start 7-1-82

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	DRILL <input type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input checked="" 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		
3. Address of Operator	21 Desta Drive, Midland, Texas 79701		
4. Location of Well	UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 36 TWP. 16 RGE. 31 NMPM		
19. Proposed Depth	3725' +	19A. Formation	Queen
20. Rotary or C.T.	Rotary	21. Elevations (Show whether DF, RT, etc.)	4077.5' KB
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	Unknown
22. Approx. Date Work will start	7-1-82		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11 1/4"	8 5/8"	24#	325'	250 sx.	Circ.
6 3/4"	4 1/2"	9.50#	3991'	200 sx.	TOC @ 2640'

The subject well is presently producing from the Maljamar (GB-SA) in the Robinson Unit. Current well name is the Robinson Unit Tr. 4 #36-16. It is recommended to plugback the subject well to test the Queen as follows:

1. RUUP, POH w/pkr & tbq.
2. RU McCullough, make gauge ring & junk basket run to 3740'. Set CIBP @ +3725' & dump 50' cmt on CIBP.
3. GIH w/tbg, displace hole w/2% KCL wtr, POH & spot 150 gals 10% acetic acid from 3130'. POH.
4. RU McCullough, tie-in w/Welex Radioactivity log dated 10-22-59, perforate w/2 JSPF from 3094-3112'. Use 3 1/8" csg gun, .34" EH, 15.36" TTP. RD WL.
5. GIH w/pkr, SN & tbq. Rvse acid into tbq, set pkr & pump away acid. Swab back load.
6. RU Howco, acdz w/3000 gals 15% NE HCl, dropping 60-1.1 SP GR RCN ball sealers evenly spaced throughout treatment. Flush acid to perfs w/2% KCL wtr. If ballout occurs, surge well to release ball sealers, and pmp away remaining acid. OVER----

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 F. R. R. Title District Operations Engineer Date 6/23/82

(This space for State Use)

OIL AND GAS INSPECTOR

APPROVED BY M. L. Walker TITLE

DATE JUN 30 1982

CONDITIONS OF APPROVAL, IF ANY:

7. Swab back load and test.

JUN 24 1982  
C.C.D.  
HODES OFFICE