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NEW MEXICO OIL CONSERVATION COMMISSION

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ARTESIA, OFFICE

30-015-22693

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.
L-1610

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Southland Royalty Company		1	
3. Address of Operator		10. Field and Pool, or Wellcut	
1100 Wall Towers West, Midland, TX 79701		and Parkway (Strawn)	
4. Location of Well		11. County	
UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE		Eddy	
AND 1980 FEET FROM THE East LINE OF SEC. 23 TWP. 19S RGE. 29E			
15. Proposed Depth		16A. Formation	
11,570' PBTD		Strawn	
16B. History or C.T.		NA	
21. Elevations (Show whether DP, RL, etc.)		22. Approx. Date Work will start	
3319.2 GR		1/6/82	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket		NA	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

Well currently produces \pm 18 MCFGPD from Morrow perforations from 11,198'-11,520' OA.
Plan to plug back to Strawn as follows:

1. Blow well down, load hole w/2% KCl water, NU BOP, unseat pkr and POOH.
2. GIH w/cmt retainer and set @ \pm 11,150'. Squeeze Morrow "A" with 150 sacks Class "H" cement, pull out of retainer, leave 35' cement on top of retainer, reverse excess cement out of tubing and POOH.
3. GIH w/pkr and tubing to 10,580'. Circ hole w/2% KCl water. Spot 300 gals 10% acetic acid. Pull packer to 10,450', reverse acid into tubing, set pkr and NUWH.
4. Perforate Strawn with 1 9/16" decentralized tubing guns @ 2 JSPF from 10,562-10,576' (29 holes, total). Displace perforating acid into perforations, swab well down and test.
5. Acidize Strawn with 2000 gals acid.
6. Shut well in to remove tree saver, open well to flow and test.

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 L. H. Hester Title District Production Manager Date 12-30-81

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JAN 21 1982

CONDITIONS OF APPROVAL, IF ANY: