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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.  
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name <b>Skelly Penrose "B" Unit</b>	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Water Injection</b>		8. Firm or Lease Name -----	
9. Name of Operator <b>SKELLY OIL COMPANY</b>		9. Well No. <b>42</b>	
10. Address of Operator <b>P. O. Box 730 - Hobbs, New Mexico 88240</b>		10. Field and Pool, or Wildcat <b>Langlie Mattix</b>	
11. Location of Well UNIT LETTER <b>D</b> LOCATED <b>660</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>9</b> TWP. <b>23S</b> RGE. <b>37E</b> NMPM		11. County <b>Lea</b>	
18. Proposed Depth <b>3682'</b>		19A. Formation <b>Queen (Penrose)</b>	20. Rotary or C.T. <b>Rotary</b>
21. Existing Well (Show whether DE, RT, etc.) <b>3321' DF</b>	21A. Kind & Status Plus Bond <b>Blanket Bond #1253688 \$100,000 with Fed. Ins. Co.</b>	21B. Drilling Contractor <b>To be Selected</b>	22. Approx. Date Work will start <b>8-8-68</b>

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6-1/4"	4-1/2"OD Liner	10.5#	3682'	225	3291'

Full injection tubing and packer. Run tubing and 6-1/4" bit. Clean out and drill to 3682'. Pull tubing and bit. Run 4-1/2"OD Liner from 3291-3682' and cement. Run tubing and 3-3/4" bit to drill cement out of liner to 3679'. Run Gamma-Ray Neutron Log from 2700' to depth. Perforate 4-1/2"OD Liner and acidize perforations. Return well to injection status.

At present, water is being injected into open-hole section 3449-3576'. This work is proposed to insure control of the injection water and permit efficient flood operations.

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 (ORIGINAL) V. E. Fletcher Title District Production Manager Date 8-6-68

(This space for State Use)

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

AUG 7 1968