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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	
DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			
b. Type of Well		8. Farm or Lease Name	
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"/>		Baker "A"	
2. Name of Operator		9. Well No.	
Skelly Oil Company		6	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1351, Midland, Texas 79701		Langlie-Mattix Seven Rivers Queen	
4. Location of Well		12. County	
UNIT LETTER <b>F</b> LOCATED <b>1650</b> FEET FROM THE <b>North</b> LINE AND <b>1980</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>26</b> TWP. <b>22S</b> RGE. <b>37E</b> NMPM		Lea	
19. Proposed Depth		19A. Formation	
3680'		Queen (Penrose Sd.)	
20. Rotary or C.T.			
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3329' DF		Immediately	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket Bond #1253688			
23. \$100,000 w/Fed. Ins. Co. PROPOSED CASING AND CEMENT PROGRAM			

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

We propose to plug off the Drinkard zone and recompleate as an oil well in the Queen (Penrose Sand) formation as follows:

- 1) Move in pulling unit.
- 2) Run tubing and packer to locate possible casing leak at 4764'.
- 3) If leak is below 4650', set bridge plug at 4675', perforate 5-1/2" casing with 2 shots at 4650'. Establish injection and note returns between surface casing and 5-1/2" production casing.
- 4) If returns are free and complete, squeeze perforations at 4650' with 800 sacks of Class "C" cement.
- 5) If returns are limited and restricted, add 0.7% D60 FLAC to above slurry.
- 6) If there is injection but no returns, squeeze perforations at 4650' with 200 sacks of Class "C" cement, reperforate at 4000' and squeeze with Class "C" cement as in step 4 after adjusting cement volume.
- 7) Run Temperature Survey to locate top of cement behind 5-1/2" casing.

(Continued on Page 2)

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 (Signed) C. J. LOVE C. J. Love Title Dist. Prod. Manager Date Sept. 14, 1973

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE 9/17/73

CONDITIONS OF APPROVAL, IF ANY: