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# NEW MEXICO OIL CONSERVATION COMMISSION

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.	
B-3480-1	

## 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 R. E. Cole (NCT-A)	
2. Name of Operator GULF OIL CORPORATION		9. Well No. 20	
3. Address of Operator P.O. Box 670, Hobbs, NM 88240		10. Field and Pool, or Wildcat Eumont Oil	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980'</u> FEET FROM THE <u>South</u> LINE AND <u>1980'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>6/6</u> TWP. <u>22S</u> RGE. <u>37E</u> NMPM		12. County Lea	
19. Proposed Depth 3450' PB		19A. Formation Eumont	
20. Rotary or C.T. --		21. Elevations (Show whether DF, RT, etc.) 3605' GL	
21A. Kind & Status Plug. Bond --		21B. Drilling Contractor --	
22. Approx. Date Work will start November 1, 1979			

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10-3/4"	8-5/8"	24#	330'	150	circulated
7-7/8"	5 1/2"	14#	3935'	200	2200' (calc)

Set CIBP @ 3450'. Cap CIBP w/35' cmt plug to abandon Penrose Skelly. Test csg & plug to 500#.

Run Gamma Ray-Neutron Collar Log from 3450' to 2600'. Perforate Eumont zone in the approximate interval 2770' - 3138' (actual perforations to be determined after evaluation of log). Stimulate well if necessary.

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 N. B. Sikes, Jr. Title Area Engineer Date 10-23-79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE OCT 24 1979  
CONDITIONS OF APPROVAL, IF ANY: