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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-10,
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input 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	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name H. T. Mattern (NOT-B)	
2. Name of Operator Gulf Oil Corporation		9. Well No. 17	
3. Address of Operator Box 670, Hobbs, N.M. 88240		10. Field and Pool, or Wildcat Drinkard	
4. Location of Well UNIT LETTER <u>C</u> LOCATED <u>380</u> FEET FROM THE <u>north</u> LINE AND <u>1650</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>31</u> TWP. <u>21S</u> RGE. <u>37E</u> NMPM		12. County Lea	
19. Proposed Depth 6800'		19A. Formation Drinkard	
21. Elevations (Show whether DE, RT, etc.) 3510' GL		20. Rotary or C.C. Reverse Unit	
21A. Kind & Status Plug. Bond Blanket		22. Approx. Date Work will start 11-17-75	
21B. Drilling Contractor ---			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	1226'	375	Circulared
7-7/8"	5-1/2"	14#	5800'	730	TOC at 1395'

Deepen and complete in Drinkard as follows: Squeeze Blinbry perforations 5440-5680' with 50 sacks cement. WOC 24 hours. Test squeezed Blinbry perforations with 750# for 30 minutes. Drill 4-3/4" hole to 6800'. Set 4" OD 11.6# K-55 liner at 6800' with top at 5710'. Cement with approximately 150 sacks cement. WOC 24 hours. Clean out and test liner with 4000# 30 minutes. Perforate Drinkard zone in 4" liner with 4, 1/2" JHPF in the approximate interval 6450' to 6730'. Run treating equipment and treat new perforations with 2000 gallons 15% NE acid and frac treat with 30,000 gallons gel water containing 1 to 2# SPG. Flush with 42 barrels gel water. Pull treating equipment. Run packer and 2-3/8" tubing. Set packer at approximately 5735'. Swab and clean up and place well on production.

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 O. F. Berlin Title Area Engineer Date 11-13-75
(This space for State Use)

APPROVED BY Jerry Sexton TITLE DATE 11-13-75
CONDITIONS OF APPROVAL, IF ANY: