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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	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name H. T. Mattern (NCT-B)	
2. Name of Operator Gulf Oil Corporation		9. Well No. 15	
3. Address of Operator Box 670, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Blinebry	
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1820</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>30</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMPM		12. County Lea	
19. Proposed Depth 6810'		19A. Formation Drinkard	
20. Rotary or C.T. Reverse Unit		21. Elevations (Show whether DF, RT, etc.) 3507' GL	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor	
22. Approx. Date Work will start February 20, 1976			

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#	1240'	400 sacks (Circulated)	
7-7/8"	5-1/2"	14 & 17#	5870'	630 sacks (TOC at 1560')	

Plans have been made to squeeze Blinebry perforations 5514' to 5690' with 50 sacks of cement. WOC 18 hours. Test squeezed perforations with 500#, 30 minutes. Drill 4-3/4" hole to approximately 6810'. Set 4" OD 11.34# K-55 liner at approximately 6810' with top at 5740'. Cement liner with 150 sacks of cement. WOC 18 hours. Test liner with 1000#, 30 minutes. Perforate Drinkard zone in liner in the approximate interval 6500' to 6740'. Run treating equipment and treat new perforations with 2000 gallons of 15% NE acid and frac with 30,000 gallons of gel brine containing 0 to 2# SPG. Pull treating equipment. Run packer and 2-3/8" tubing. Set packer at approximately 5800'. 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 D. F. Berlin Title Area Engineer Date February 11, 1976

(This space for State Use)

DATE 1, 1976

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 12 1976

OIL CONSERVATION COMM.
HOBBS, N. M.