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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		DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		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
2. Name of Operator		Gulf Oil Corporation		H. T. Mattern (NCT-B)
3. Address of Operator		Box 670, Hobbs, N.M. 88240		9. Well No.
4. Location of Well		UNIT LETTER D LOCATED 330 FEET FROM THE north LINE		10. Field and Pool, or Wildcat
AND 330 FEET FROM THE west LINE OF SEC. 31 TWP. 21S RGE. 37E NMPM				Drinkard
12. County		Lea		
19. Proposed Depth		6810'		19A. Formation
21. Elevations (Show whether DF, RT, etc.)		3511' GL		Drinkard
21A. Kind & Status Plug. Bond		Blanket		20. Rotary or C.T.
21B. Drilling Contractor		—		Reverse Unit
22. Approx. Date Work will start		10-14-75		

23.

### 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#	1237'	400 sx	Circulated
7-7/8"	5-1/2"	14 & 17#	5877'	735 sx	TOC at 2080'

Deepen and complete in Drinkard as follows: Squeeze Blinebry perforations 5532-5731' with 100 sacks Cement. WOC 24 hours. Test squeezed Blinebry perforations with 500# 30 minutes. Drill 4-3/4" hole to approximately 6810'. Set 4" OD 11.34# K-55 Hydrill FJ liner at 6810' with top at 5770'. Cement with approximately 150 sacks cement. WOC 24 hours. Clean out and test liner with 4000# for 30 minutes. Perforate Drinkard zone in 4" liner with 4, 1/2" JHPF in the interval 6475' to 6750'. 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 of gel water. Pull treating equipment. Run packer and 2-3/3" tubing. Set packer at approximately 5795'. 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 C. F. Berlin Title Area Engineer Date 11-10-75  
(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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U.S. CONSERVATION COMM.  
WASH. D. C.