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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.

## 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 W. A. Ramsay (NCT-B)	
2. Name of Operator Gulf Oil Corporation		9. Well No. 6	
3. Address of Operator Box 670, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Drinkard	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>430</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>25</u> TWP. <u>21-S</u> RGE. <u>36-E</u> NMPM		12. County Lea	
19. Proposed Depth 6800'		19A. Formation Drinkard	
20. Rotary or C.T. Reverse Unit		21. Elevations (Show whether DF, RT, etc.) 3520' GL	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor	
22. Approx. Date Work will start April 1, 1976		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#	1255'	400 sacks (Circulated)	
7-7/8"	5-1/2"	14 & 17#	5950'	560 sacks (TOC at 2150')	

Plans have been made to deepen and complete in Drinkard as follows: Pull producing equipment. Squeeze Blinbry perforations 5513' to 5693' with 50 sacks of Class C cement. WOC 18 hours. Test casing with 500#, 30 minutes. Drill 4-3/4" hole from total depth at 5950' to approximately 6800'. Run approximately 950' of 4" OD 11.34# K-55 casing and set at 6800' with top at 5850'. Cement liner with 75 sacks of Class H cement. WOC 24 hours. Clean out and test liner with 4000#, 30 minutes. Perforate Drinkard zone in liner with 4, 1/2" JHPF in the approximate interval 6500' to 6730'. Run treating equipment and treat new perforations with 2,000 gallons of 15% NE acid and frac with 30,000 gallons of gel brine containing 0 to 2# SPG. Flush with gel brine. Pull treating equipment. Run 4" packer on 2-3/8" tubing and set packer at approximately 5900'. 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.R. Kargel Title Project Petroleum Engineer Date March 19, 1976

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

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MAR 19 1976

U.S. CONSERVATION COMM.  
LOS ANGELES, N. M.