

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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 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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Hugh	
2. Name of Operator Gulf Oil Corporation		9. Well No. 3	
3. Address of Operator Box 670, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Drinkard	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 14 TWP. 22-S RGE. 37-E NMPM		12. County Lea	
19. Proposed Depth 6365'		19A. Formation Drinkard	20. Rotary or C.T. --
21. Elevations (Show whether DF, RT, etc.) 3342' GL	21A. Kind & Status Plug, Bond Blanket	21B. Drilling Contractor --	22. Approx. Date Work will start December 1, 1973

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/4"	13-3/8"	48#	309'	300 sacks (Circulated)	
12-1/4"	9-5/8"	36#	2861'	1300 sacks (TOC at 1475').	
8-3/4"	7"	23#	6397'	600 sacks (TOC at 1650').	

Plans have been made to abandon the Paddock zone and complete in Drinkard as follows:

Pull producing equipment. Squeeze Paddock perforations 5100' to 5200' with 250 sacks of Class C cement. WOC 24 hours. Clean out to 6365'. Test squeezed perforations with 500#, 30 minutes. Perforate Drinkard zone in 7" casing with 2, .72" JHPF at approximately 6240' to 6320'. Run treating equipment. Treat new perforations with 1200 gallons of 15% NE acid and 20,000 gallons of gel brine water. Flush with 1500 gallons of gel water. Pull treating equipment. Run 2-3/8" tubing and packer. Set packer at approximately 6175'. Swab and clean up and return well to production.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT 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 H. J. Brazzale Title Area Engineer Date November 28, 1973
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: