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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 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. D. Grimes (NCT-A)
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 Hobbs
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>18-S</u> RGE. <u>38-E</u> NMPM		12. County Lea
21. Elevations (Show whether DF, RT, etc.) 3632' GL		19. Proposed Depth 4230'
21A. Kind & Status Plug. Bond Blanket		19A. Formation Grayburg
21B. Drilling Contractor		20. Rotary or C.T. Rev Unit
22. Approx. Date Work will start 2-28-72		

23.

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	15-1/2"	70#	207'	200 sacks	
12-1/4"	9-5/8"	36#	2738'	600 sacks	
8-3/4"	7"	24#	3946'	300 sacks	
6-1/4"	4-1/2"	9.50#	4230'	90 sacks	

Plans have been made to drill deeper as follows: Clean out to TD at 4154'. Squeeze open hole interval 3946' to 4154' with approximately 57 sacks of cement. Drill to approximately 4230'. Set and cement approximately 480' of 4-1/2" OD 9.50# K-55 ST&C casing liner at approximately 4230', with top of liner at 3750'. with 90 sacks of cement. WOC 24 hours. Clean out to total depth. Test liner and 7" casing with 1000#, 30 minutes. Perforate 4-1/2" liner from 4100' to 4230'. Treat new perforations with 2500 gallons of 15% NE acid. Flush with 17 barrels of water. 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 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 G. J. Kallinger Title Area Engineer Date February 23, 1972

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE FEB 24 1972

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 23 1972

OIL CONSERVATION COMM.  
HOBBS, N. M.