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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 DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name H.T. Mattern (NCT-D)	
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"/>		9. Well No. 12	
2. Name of Operator GULF OIL CORPORATION		10. Field and Pool, or Wildcat Tubb	
3. Address of Operator P. O. Box 670, Hobbs, New Mexico 88240		12. County Lea	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>2130</u> FEET FROM THE <u>South</u> LINE AND <u>1860</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>6</u> TWP. <u>22-S</u> RGE. <u>37-E</u> MPM			
19. Proposed Depth -		19A. Formation Tubb	
20. Rotary or C.T. -			
21. Elevations (Show whether DF, RT, etc.) 3454' GL		21A. Kind & Status Plug. Bond Blanket	
21B. Drilling Contractor -		22. Approx. Date Work will start -	

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"	24.0#	1188'	450	Circ
7-7/8"	5-1/2"	15.5#	6800'	700	2440'

Pull producing equipment. Run 5-1/2" CIBP & set @ approximately 6450', temporarily abandoning Drinkard zone. Perforate Tubb intervals 6229-33', 6256-60', 6295-99' & 6340-44' with (2) burrless JHPF. Run treating equipment. Test tubing to 5000#. Straddle & acidize each set of new Tubb perforations 6229' - 6344' with 15% NE inhibited iron-stabilized HCl acid. Flush with 8.6# kill fluid. Swab back all acid residue & load. Frac Tubb perfs 6229' - 6344' together with a total of 32,000 gallons of gelled 8.6# water & 45,000# of 20/40 sand divided equally in 4 stages, dropping (8) 7/8" RCNB sealers between stages to divert & spearheading 250 gallons of 15% HCl NE acid between stages. If necessary, use rock salt with RCNBS. Flush with 1500 gallons of gelled water pad. Pull treating equipment. Run producing equipment with 3-tube clean up pump. 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 A. B. Sikes, Jr. Title Area Engineer Date 10-12-78

(This space for State Use)

APPROVED BY John W. Runyan TITLE Geologist DATE OCT 16 1978

CONDITIONS OF APPROVAL, IF ANY: