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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	
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"/>		H.T. Mattern (NCT-D)	
2. Name of Operator		9. Well No.	
GULF OIL CORPORATION		16	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 670, Hobbs, New Mexico 88240		Undesignated Tubb	
4. Location of Well		12. County	
UNIT LETTER E LOCATED 1650 FEET FROM THE North LINE		Lea	
AND 610 FEET FROM THE West LINE OF SEC. 7 TWP. 22-S RGE. 37-E NMPM			
19. Proposed Depth		19A. Formation	
-		Tubb	
20. Rotary or C.T.			
-			
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
3455' GL		-	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		-	

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#	1082'	500	Circ
7-7/8"	5-1/2"	15.5#	6760'	650	2275'

Pull producing equipment. Run 5-1/2" CIBP & set @ approximately 6425', temporarily abandoning Drinkard zone. Perforate Tubb intervals 6212-16', 6270-74' & 6312-16' with (2) burrless JHPF. Run treating equipment. Test tubing to 5000#. Straddle & acidize each set of new perforations 6212' - 6316' with 300 gallons of 15% NE inhibited iron stabilized HCl acid. Flush w/8.6# kill fluid. Swab back all acid residue & load. Frac Tubb perforations 6212' - 6316' together with a total of 30,000 gallons gelled 8.6# water & 38,250# of 20/40 sand divided equally between 3 stages & dropping (8) 7/8" RCNB sealers between stages to divert & spearheading 250 gallons 15% HCl NE acid between stages. If necessary, use rock salt with RCNBS. Flush with 1500 gallons 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 N. B. Skes, Jr. Title Area Engineer Date 10-10-78

(This space for State Use)

APPROVED BY John W. Runyan TITLE Geologist DATE OCT 12 1978

CONDITIONS OF APPROVAL, IF ANY: