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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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name H. T. Mattern (NCT-C)	
2. Name of Operator Gulf Oil Corporation		9. Well No. 11	
3. Address of Operator P. O. Box 670, Hobbs, N.M. 88240		10. Field and Pool, or Wildcat Drinkard	
4. Location of Well UNIT LETTER M LOCATED 376 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE OF SEC. 8 TWP. 21S RGE. 37E NMPM		12. County Lea	
19. Proposed Depth --		19A. Formation Blinebry	
21. Elevations (Show whether DF, RT, etc.) 3495' GL		22. Approx. Date Work will start --	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor --	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24.0#	1312'	550	Circ.
7-7/8"	5-1/2"	15.5#	6800'	2185	Circ.
		DV tool at	3296'		

Pull producing equipment. Run 5 1/2" CIBP and set at 6500', temporarily abandoning Drinkard pay. Test CIBP to 750#. Perforate Blinebry intervals at 5536-38', 5578-80', 5642-44', 5678-80', 5721-23' and 5813-15' with 2, 1/2" JHPF. Run treating equipment. Straddle and acidize each set of Blinebry perforations with 200 gallons 15% inhibited iron stabilized HCl acid. Swab and/or flow back acid residue. Frac treat Blinebry perforations 5536-5815' in 6 stages with 42,000 gallons gelled water, 18,000# 100 mesh sand and 66,000# 20-40 sand. Pump 200 gallons 15% HCl acid between each stage, diverting with 7/8" ball sealers between stages. Swab and/or flow back all load. Pull treating equipment and run producing equipment. Swab well and clean up. Return well to production.

Will down hole commingle at a later date under Administrative Order No. DHC-254.

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 J. P. Shiner, Jr. Title Area Engineer Date 9-18-78

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DATE SEP 19 1978

CONDITIONS OF APPROVAL IF ANY: