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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. 9	
3. Address of Operator P. O. Box 670, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Drinkard	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>710</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>7</u> TWP. <u>21S</u> RGE. <u>37E</u> NMPM		12. County Lea	
19. Proposed Depth -		19A. Formation Blinebry	
20. Rotary or C.T. -		21. Elevations (Show whether DF, RT, etc.) 3489' 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#	1320'	500	Circulated
7-7/8"	5-1/2"	15.50#	6785'	1000	Circulated

6747' PB. 6785' TD.

Run stabilized GOR test in Drinkard zone. Pull producing equipment. Run and set 5-1/2" CIBP @ 6475', temporarily abandoning Drinkard. Perforate new Blinebry intervals @ 5530-32', 5586-88', 5632-34', 5702-04', 5744-46', 5808-10' and 5894-96' with (2) 1/2" JHPF. Run treating equipment. Straddle & acidize each set of Blinebry perforations 5530' - 5896' with 200 gallons 15% inhibited iron stabilized HCl acid. Flush with 8.6# per gallon Gulf kill fluid. Swab and/or flow back acid residue & load. Fracture treat Blinebry perforations 5530' - 5896' in 7 equal stages with a total of 51,000 gallons gel frac pad containing a total of 21,000# 100 Mesh sand & 77,000# 20/40 sand, dropping (4) 7/8" RCNB sealers between stages to divert. Flush with frac pad. Pull treating equipment. Run producing equipment. Swab & test Blinebry zone.

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. Sikes, Jr. Title Area Engineer Date 01-24-79

(This space for State Use)

APPROVED BY John W. Runyan TITLE Geologist I DATE JAN 29 1979

CONDITIONS OF APPROVAL, IF ANY: