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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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		H. T. Orcutt (NCT-C)	
2. Name of Operator		9. Well No.	
Gulf Oil Corporation		3	
3. Address of Operator		10. Field and Pool, or Wildcat	
Box 670, Hobbs, N.M. 88240		Eumont Gas	
4. Location of Well		12. County	
UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>north</u> LINE		Lea	
AND <u>1980</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>6</u> TWP. <u>21S</u> RGE. <u>36E</u> NMPM			
19. Proposed Depth		19A. Formation	
-		Eumont	
20. Rotary or C.T.			
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3562' GL		-	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket		-	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/4"	10-3/4"	32.75#	303'	250	Circulate
9-7/8"	7-5/8"	22.00#	1118'	225	Circulate
6-3/4"	5-1/2"	17.00#	3750'	150	1800'

Pull producing equipment. Log from 3750' up to 3200'. Run and set 5½" CIPB at approximately 3725'. Cap with 35' of cement abandoning Eunice-Monument zone. Test casing to 300#. Spot 15% NE double iron inhibited HCL acid from bottom of perforations (approximately 3650'). Perforate 5½" casing in the Eumont intervals between 3350 & 3650' with 2, ½" JHPF. Run treating equipment. Straddle each set of Eumont perforations from top down with 150-200 gallons 15% NE HCL acid. Swab and test Eumont zone. Pull treating equipment. Run treating/production packer on 2-3/8" tubing. Acidize perforations with 5,000 gallons 15% NEHCL iron inhibited acid, dropping 7/8" RCNB sealers after each 1,000 gallons of acid. Flush with 8.6# kill fluid. Swab and test well.

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 H. P. Sikes Jr. Title Area Engineer Date 11-3-78

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE NOV 6 1978

CONDITIONS OF APPROVAL, IF ANY: