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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"/> 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"/>		8. Farm or Lease Name Gas Campbell-Houston Com	
2. Name of Operator GULF OIL CORPORATION		9. Well No. 4	
3. Address of Operator P. O. Box 670, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Eumont Gas	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 7 TWP. 21-S RGE. 36-E NMPM		12. County Lea	
21. Elevations (Show whether DF, RT, etc.) 3594' GL		21A. Kind & Status Plug. Bond Blanket	
19. Proposed Depth -		19A. Formation Eumont Gas	
21B. Drilling Contractor -		20. Rotary or C.T. -	
22. Approx. Date Work will start -			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	31.1#	36'	60	
9-7/8"	7-5/8"	22.0#	1,257'	525	
6-3/4"	5-1/2"	17.0#	3,804'	150	2,500'

Run 5-1/2" CIBP & set @ 3650'. Cap with 35' cement abandoning Eunice Monument zone. Perforate Eumont Gas zone in 2' intervals with (2) 1/2" JHPF after running Gamma-Ray Neutron log from 3500' - 2500'. Straddle & acidize each new Eumont Gas interval with 150 gallons of 15% NE HCl acid. Pull straddle tools. Run packer & set at approximately 70' above top Eumont Gas perf. Acidize all new Eumont perfs together with 3000 gallons of 15% NE HCl acid. Swab back. Foam frac new perfs with 70-75% quality foam in as many stages as are sets of perfs. Frac each stage as follows: 2000 gallons pad, 4000 gallons pad + 3/4# - 2# 20/40 SPG & 7/8" balls as required to divert in 300 gallons of 89% Quality foam divert. Swab well & clean up. Place well on 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 H. P. Saxe Jr. Title Area Engineer Date 08-24-78

(This space for State Use)

Jerry Sexton
Dist. 1, Supv.

APPROVED BY Jerry Sexton TITLE Dist. 1, Supv. DATE AUG 25 1978

CONDITIONS OF APPROVAL, IF ANY: