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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

JUL 7 11 50 AM '69

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 <b>Re-enter plugged and abandoned well</b>		7. Unit Agreement Name
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input 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 <b>G. C. Matthews</b>
2. Name of Operator <b>Gulf Oil Corporation</b>		9. Well No. <b>4</b>
3. Address of Operator <b>Box 670, Hobbs, New Mexico 88240</b>		10. Field and Pool, or Wildcat <b>Mormont</b>
4. Location of Well UNIT LETTER <b>I</b> LOCATED <b>1980</b> FEET FROM THE <b>North</b> LINE <b>660</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>6</b> TWP. <b>20-S</b> RGE. <b>37-E</b> NMPM		12. County <b>Lea</b>
19. Proposed Depth <b>3600'</b>		19A. Formation <b>Grayburg</b>
21. Elevations (Show whether DF, RT, etc.) <b>3567' GL</b>		20. Rotary or C.T. <b>Rot hole machine</b>
21A. Kind & Status Plug. Bond <b>Blanket</b>		22. Approx. Date Work will start <b>July 15, 1969</b>

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/8"	10-3/4"	32.75#	297'	200 sacks	Circulated
9-7/8"	7-5/8"	22#	2312'	400 sacks	Unknown
6-3/4"	5-1/2"	17#	3815'	200 sacks	Unknown
4-3/4"	None		3897' Open hole		

3897' TD. It is proposed to re-enter subject well and clean out to approximately 3600'. Test 5-1/2" casing with 500#, 30 minutes. Perforate 5-1/2" casing with 2, 1/2" JHFF at approximately 3412-14', 3445-47', 3469-71', 3514-16' and 3556-58'. Treat new perforations with 3000 gallons of 15% NEA. Swab and test.

10-8-69

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 C. E. MACE Title Area Petroleum Engineer Date July 7, 1969

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE JUL 8 1969

CONDITIONS OF APPROVAL, IF ANY: