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**RECEIVED**  
NEW MEXICO OIL CONSERVATION COMMISSION  
**FEB 28 1978**

**O. C. C.**  
**ARTESIA, OFFICE**

30-015-22438

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG-1523	

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Eddy "GX" State Com	
2. Name of Operator Gulf Oil Corporation ✓		9. Well No. 1	
3. Address of Operator P. O. Box 670, Hobbs, NM 88240		10. Field and Pool, or Wildcat Unders Morrow	
4. Location of Well UNIT LETTER <u>0</u> LOCATED <u>860'</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>18</u> TWP. <u>T-18-S</u> RGE <u>R-25-E</u> NMPM		12. County Eddy	
19. Proposed Depth 8700'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3614' GL	
21A. Kind & Status Plug. Bond Blanket		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
17 1/2"	13 3/8"	48#	300'	Circ	
12 1/4"	8 5/8"	24#	1200'	Circ	
7 7/8"	5 1/2"	15.50# & 17#	8700'	500 sx - Est	TOC 6600'

*not, see limited report*  
Gas is dedicated

See attached BOP drawing #2 and #4

Mud: 0-300' - Spud mud  
300-1200' - Fresh water  
1200-6400' - Fresh w/ paper  
6400-8700' - Brine water polymer - 9.4 to 10.4

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 6-6-78

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 W. A. Gussett Title Area Production Manager Date 2-24-78

(This space for State Use)

APPROVED BY W. A. Gussett TITLE SUPERVISOR, DISTRICT II DATE MAR - 6 1978

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to  
surface behind 13 3/8" - 8 5/8" casing

Notify N.M.O.C.C. in sufficient  
time to witness cementing  
the 8 5/8" casing