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NEW MEXICO OIL CONSERVATION COMMISSION

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.	
E-7824	

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"/>		8. Farm or Lease Name	
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"/>		Lea "ED" State (NCT-A)	
2. Name of Operator		9. Well No.	
Gulf Oil Corporation		2	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 670, Hobbs, NM 88240		Quail Ridge Morrow	
4. Location of Well		12. County	
UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE		Lea	
AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>19-S</u> RGE. <u>34-E</u> NMPM			
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
13,600'		Morrow	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3770' GL	Blanket		

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.#	1700'	Circ	
9 1/2"	7 5/8"	26.4#	10,800'	TOC 7700'	
6 1/2"	5" liner	15#	10,500-13,600	Circ to top of liner	

Mud: 0 - 1700' - Spud Mud & FW
1700 - 10800' - 10# Brine water
10800 - 13600' - Brine water Polymer

Note: See attached BOP drawings #2 and #4

Gas is not dedicated.

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. Boland Title Area Production Manager Date 4-5-78

(This space for State Use)

APPROVED BY [Signature] TITLE DIRECTOR DATE 1978

CONDITIONS OF APPROVAL, IF ANY: