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LAND OFFICE	
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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-26763

Form C-101
Revised 1-4-85

5A. Indicate Type of Lease
STATE ☒ FILE ☐
5. State Oil & Gas Lease No.
63373

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Lease	
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Term of Lease (Date)	
c. Name of Operator GULF OIL CORPORATION		Lea "ED" State (NCT-A)	
d. Address of Operator P. O. Box 670, Hobbs, NM 88240		9. Well No. 4	
e. Location of Well UNIT LETTER <u>K</u> LOCATED <u>2230</u> FEET FROM THE <u>South</u> LINE AND <u>2200</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>16</u> T. <u>19S</u> R. <u>34E</u> N. <u>MPM</u>		10. Field and Pool, or Well Unit Quail Ridge-Bone Springs	
f. County Lea		11. History of C.T.	
12. Proposed Depth 10,200		13A. Formation Bone Springs	
14. Elevations (Show whether DT, RL, etc.) 3773.7 GL		21B. Drilling Contractor Sharp	
21A. Kind & Status Plug. Bond --		22. Approx. Date Work will start June 1, 1980	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4"	11-3/4"	42#	350'	250	circ
11"	8-5/8"	28#	3250'	800	circ
7-7/8"	5 1/2"	17#-15.50#	10,200'	350	8500'

Drilling Fluids: 0' - 350'
350' - 3,250'
3,250' - 10,200'

Fresh water spud mud wt. 8.5 to 88 viscosity 34-37
Saturated brine water using high viscosity slugs
as necessary for hole cleaning
Brackish water 9.0 to 9.8 ppg polymer slugs for
hole cleaning

See Attached BOP Drawing #3

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 DeMarrils Title Area Production Manager Date 4-15-80
(This space for State Use)

APPROVED BY [Signature] TITLE SOVEREIGN DISTRICT DATE 4-15-80
CONDITIONS OF APPROVAL, IF ANY: