

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
RECEIVED

OCT 31 1979

O. C. C.

AREA OFFICE

30-015-23052
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-5096	

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 "IL" 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 Winchester Morrow	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>30</u> TWP. <u>19S</u> RGE. <u>29E</u> NMPM		12. County Eddy	
19. Proposed Depth 11,400'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3323.3'	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor --	
22. Approx. Date Work will start November 10, 1979			

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#	380'	300	Circulated
11"	8-5/8"	24#	2800'	800	Circulated
7-7/8"	5 1/2"	17#	11,400'	To be determined by caliper log	8000'

Drilling Fluids: 0' - 380' Fresh water spud mud, weight 8.5-8.8 ppg, viscosity 34-37, filtrate no control.
380' - 2,800' Fresh water, using high viscosity slugs if necessary to keep hole clean.
2,800' - 10,600' Cut brine water. Weight 9.3-9.8 ppg, viscosity 29-31, filtrate no control. Polymer as needed for samples and DST's.
10,600' - 11,400' Salt water polymer with 3-5% KCl. Weight 9.5-10 ppg. Viscosity 34-38, filtrate 5 cc's per 100 cc's.

See attached BOP Drawing #4.

Gas is not dedicated.

EXPIRES 2-2-80

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 R. C. Anderson Title Area Production Manager Date 10-29-79

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE NOV 2 1979

CONDITIONS OF APPROVAL, IF ANY: