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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
**A-1543-1**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" 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>Graham State NCT-F</b>	
2. Name of Operator <b>GULF OIL CORPORATION</b>		9. Well No. <b>7</b>	
3. Address of Operator <b>P. O. Box 670, Hobbs, New Mexico 88240</b>		10. Field and Pool, or Wildcat <b>Monument Abo</b>	
4. Location of Well UNIT LETTER <b>0</b> LOCATED <b>330</b> FEET FROM THE <b>South</b> LINE AND <b>1650</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>36</b> TWP. <b>19S</b> RGE. <b>36E</b> NMPM		12. County <b>Lea</b>	
19. Proposed Depth <b>7700'</b>		19A. Formation <b>Abo</b>	20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DF, RT, etc.) <b>3577' GL</b>	21A. Kind & Status Plug. Bond <b>Blanket</b>	21B. Drilling Contractor <b>-</b>	22. Approx. Date Work will start <b>-</b>

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
18"	13-3/8"	48#	307'	375	Circulated
11"	9-5/8"	36#	2899'	1750	Circulated
8-3/4"	7"	20# & 23#	5724'	500	2900'

Pull producing equipment. Run & set cement retainer @ 3725'. Squeeze perforations 3758-74' with cement volume & additives as recommended by service company, abandoning Eunice-Monument. Reverse out excess cement. Pressure test casing above retainer to approximately 6750#. Run bit & drill collars on 2-3/8" tubing. Drill out cement retainer & cement. Clean out to 3890'. Test perforations 3758-60', 3772-74' & 3800-15' with 750# for 30 minutes. Clean out & drill deeper to 7700'. Run 4-1/2" liner from 7700' up to 5000'. Perforate, stimulate & test Monument Abo zone.

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 *N. B. Sikes, Jr.* Title Area Engineer Date 09-26-78

(This space for State Use)

APPROVED BY *Jerry Soto* TITLE SUPERVISOR DISTRICT 1 DATE SEP 27 1978

CONDITIONS OF APPROVAL, IF ANY: