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# NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101  
Rev. 1-1-65

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

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

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement No. 8. Farm or Lease No. 11. T. Mattern (NCT-B) 9. Well No. 22 10. Field and Loc., or Wildcat Drinkard 12. County Lea	
2. Name of Operator Gulf Oil Corporation 3. Address of Operator Box 670, Hobbs, New Mexico 88240 4. Location of Well UNIT LETTER B LOCATED 785 FEET FROM THE North LINE AND 2310 FEET FROM THE East LINE OF SEC. 31 TWP. 21-S RGE. 37-E NMPM			
21. Elevations (Show whether DF, RT, etc.) 3496' GL 21A. Kind & Status Plug. Bond Blanket		19. Proposed Depth 6800' 19A. Formation Drinkard 20. Rotary or C.T. Rotary 22. Approx. Date Work will start March 5, 1976	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	1250'	Circulate	
7-7/8"	5-1/2"	15.5#	6800'*	Circulate	

\* Will set DV tool at approximately 1200' & Circulate Cement.

BOP: See Drawing No. 3 attached.

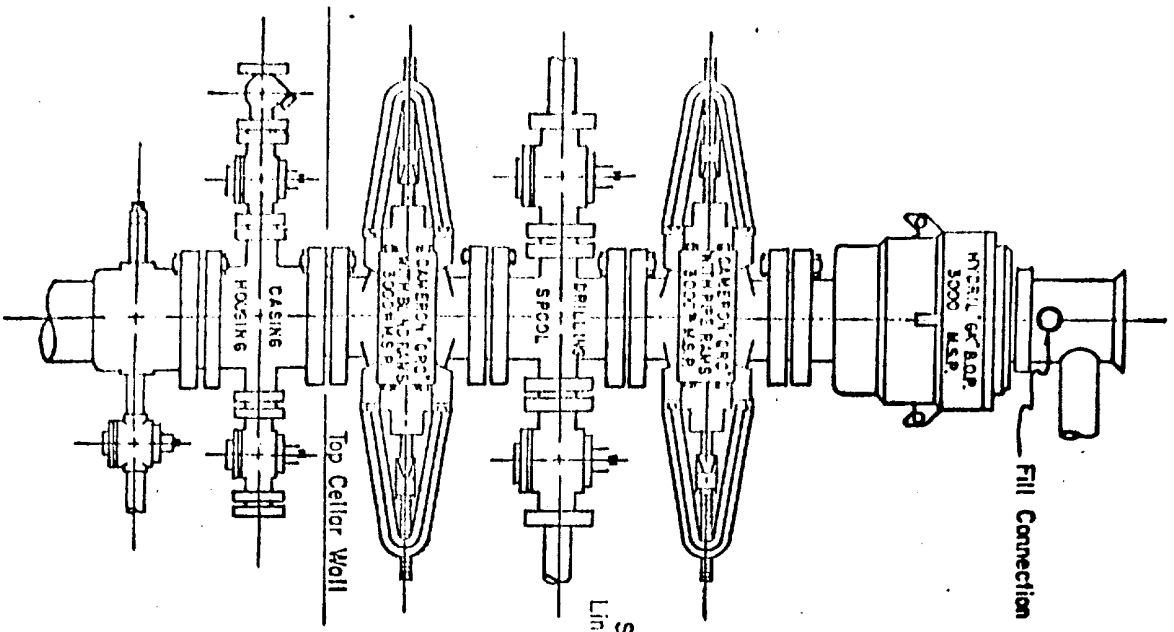
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

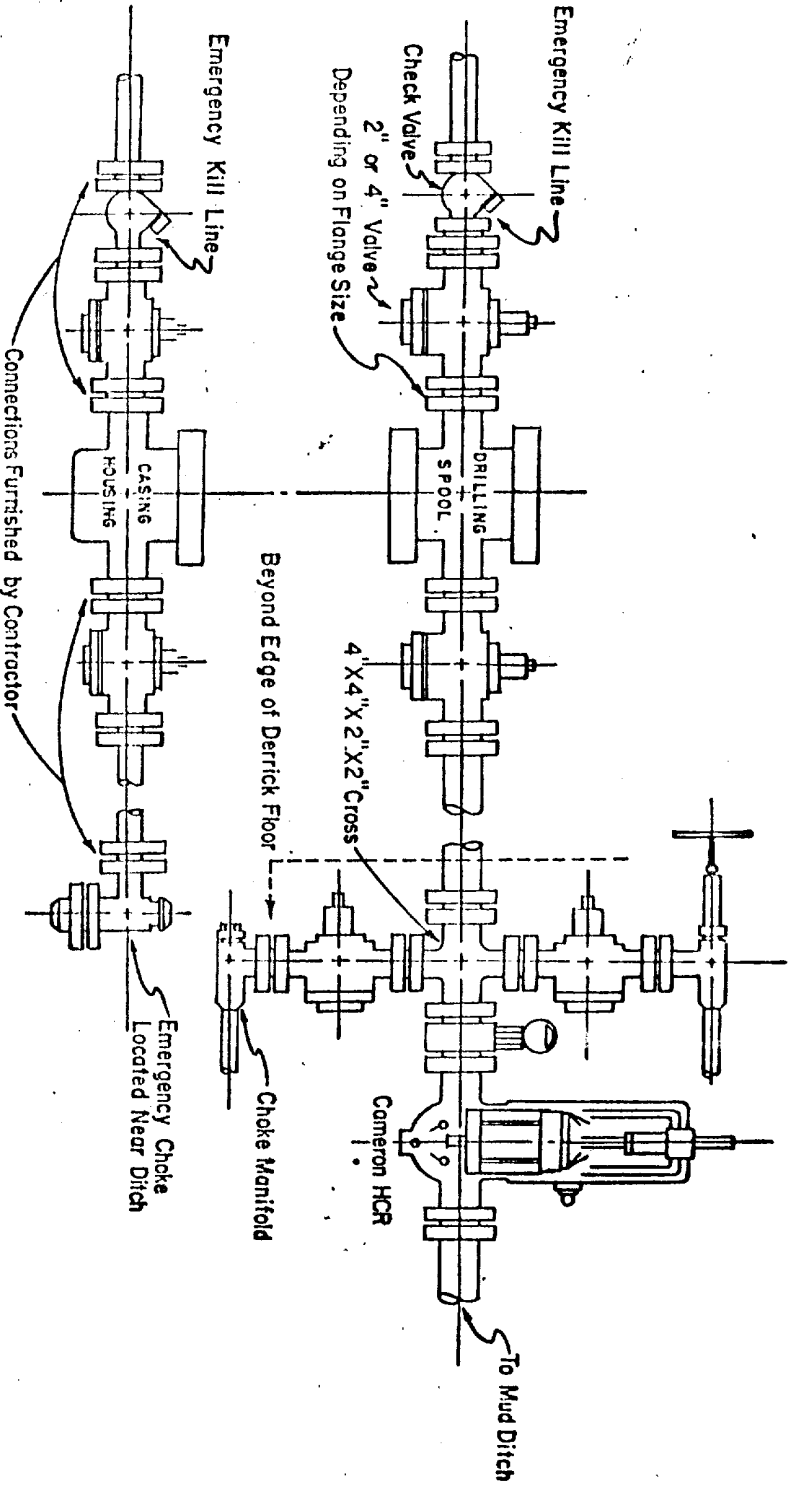
Signed W. B. Burland Title Area Production Manager Date February 26, 1976

(This space for State Use)

APPROVED BY Jerry Sexton TITLE  DATE   
 CONDITIONS OF APPROVAL, IF ANY:



See Detail of 4" Flow Line and Choke Assembly



### 3,000 PSI WORKING PRESSURE KILL, CHOKE, AND FILL CONNECTIONS

API Series 900 Flanges or Better

#### DETAIL OF 4" FLOW LINE CHOKE ASSEMBLY

Minimum assembly for 3000 PSI working pressure will consist of three preventers. The bottom and middle preventers may be Cameron GRC, Cameron Type F single or Shofter Hydraulic single, and the upper will be Hydril GK. In lieu of the drilling spool, the flanged outlets from the Cameron Type F single open face flanged preventer, provided the outlets are the correct size, may be used for the four-inch flow line and the two-inch kill line.

Size 12-inch preventers may be used for work down through 8-5/8-inch casing. Size 10-inch preventers may be used for work down through 7-5/8-inch casing. Size six-inch preventers are to be used for work through 7-inch and 5-1/2-inch casings.

Minimum operating equipment for the preventers will be: (1) An air operated pump and (2) An accumulator(s) with some means of obtaining a fluid charge. A closed fluid system is recommended. The closing manifold and remote closing manifold will have a separate four-way valve for each pressure operated device and a Hydril regulator will be provided. Sufficient fluid capacity in the accumulator(s) shall be available to close all the pressure operated devices of the same time with 25 percent reserve. Guffey 551 hydraulic oil shall be used as the operating fluid.

The four-inch flow line from the preventers shall be supported by a metal stand or reinforced concrete. All valves throughout the assembly shall be selected for operation in both gas and fluids.

The ram type preventers and the Cameron HCR valve will be provided with stem extensions, universal joints, if needed, and operating wheels.

### 3,000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Better

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-107  
Supersedes O-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

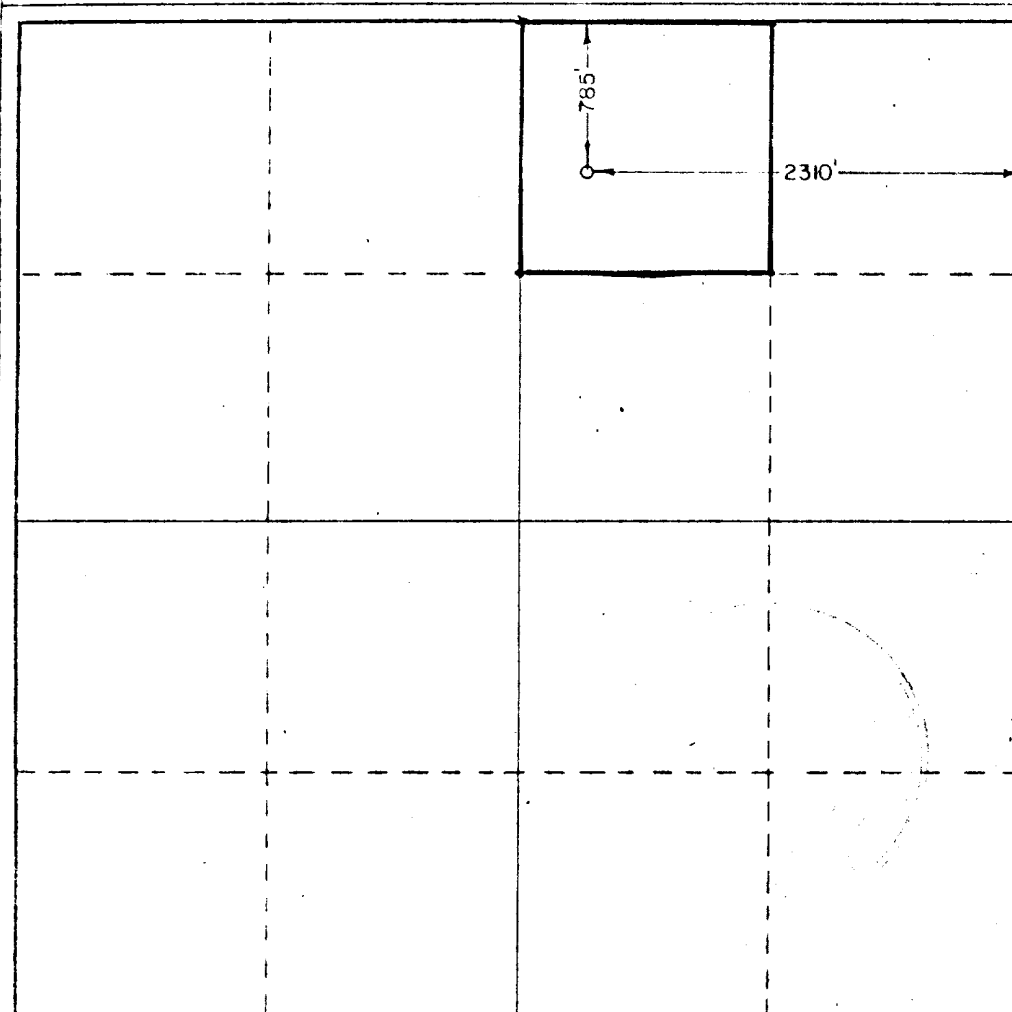
Gulf Oil Company - USA			Lease H.T. Mattern NCT-B		Well No. 22
Section B	Location 31	Township 21 South	Range 37 East	County Lea	
Aerial Photo Location of Well:					
785	feet from the North line and		2310	feet from the East line	
Ground Level Elev. 3495.7	Producing Formation Drinkard		Pool Drinkard	Dedicated Acreage 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*C. D. Borland*

Name

C. D. BORLAND

Position

Area Production Manager

Company

Gulf Oil Corporation

Date

February 26, 1976

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

February 25, 1976

Registered Professional Engineer and or Land Surveyor

*John W. Wat*

Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0