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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. R-1732

## 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 Name	
2. Name of Operator Gulf Oil Corporation		8. Farm or Lease Name Harry Leonard (NCT-E)	
3. Address of Operator Box 670, Hobbs, New Mexico 88240		9. Well No. 6	
4. Location of Well UNIT LETTER A LOCATED 330 FEET FROM THE North LINE AND 600 FEET FROM THE East LINE OF SEC. 16 TWP. 21-S RGE. 37-E NMPM		10. Field and Pool, or Wildcat Drinkard	
12. County Lea			
19. Proposed Depth 6700'		19A. Formation Drinkard	
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) 3465' GL		21A. Kind & Status Plug. Bond Blanket	
21B. Drilling Contractor		22. Approx. Date Work will start January 1, 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#	1200'	Circulate	
7-7/8"	5-1/2"	15.5#	* 6700'	Base of Salt.	

\* Set 5-1/2" casing at 6700' with DV tool at 1200'. Cement thru shoe to base of salt. Cement thru DV tool to surface.

BOP: See Drawing No. 3 attached.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED.

EXPIRES 3-23-76

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.

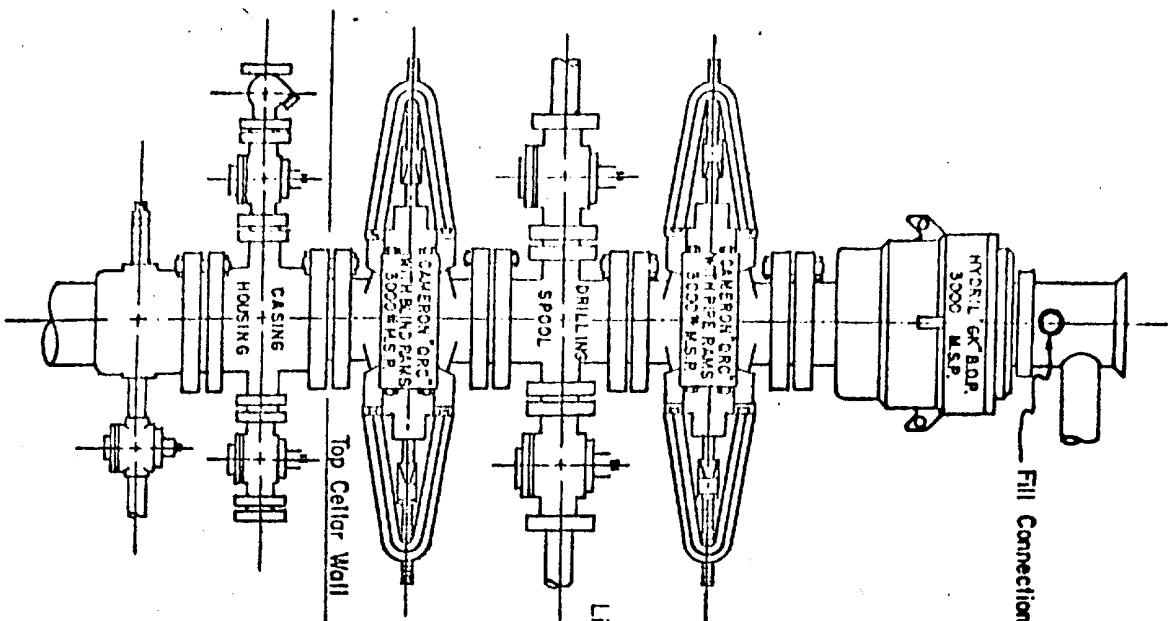
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed G. Borland Title Area Production Manager Date December 22, 1975

(This space for State Use)

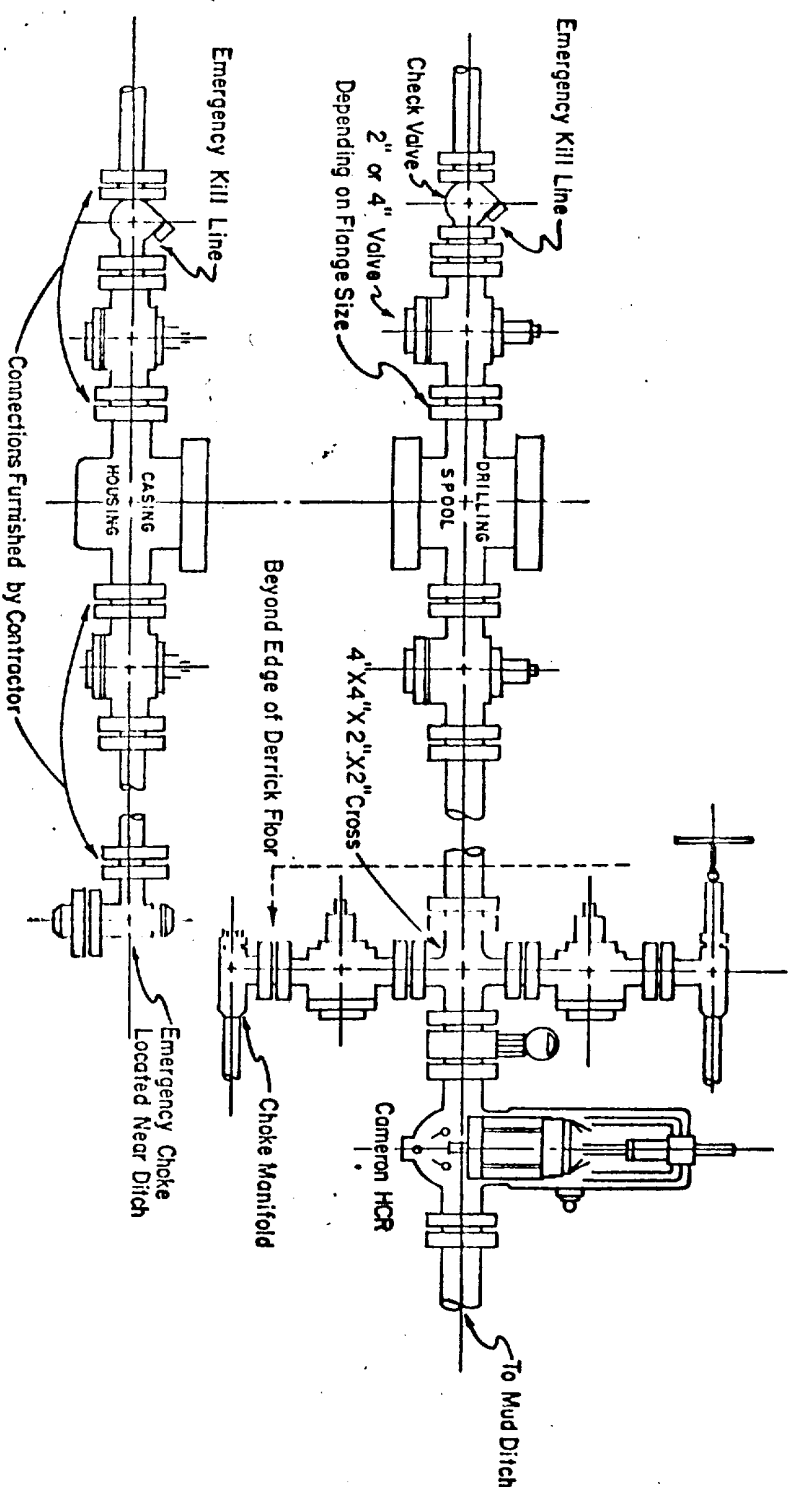
APPROVED BY Jerry Sexton TITLE \_\_\_\_\_ DATE DEC 22 1975

CONDITIONS OF APPROVAL, IF ANY:



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

Series 900 Flanges, or Better



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

API Series 900 Flanges or Better

## DETAIL OF 4" FLOW LINE CHOKES ASSEMBLY

Minimum assembly for 3000 PSI working pressure will consist of three preventers. The bottom and middle preventers may be Cameron O.R.C., Cameron Type F single or Shafter 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. Gulf No. 53 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.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form  
Superseded by  
10-1-75

All distances must be from the outer boundaries of the Section

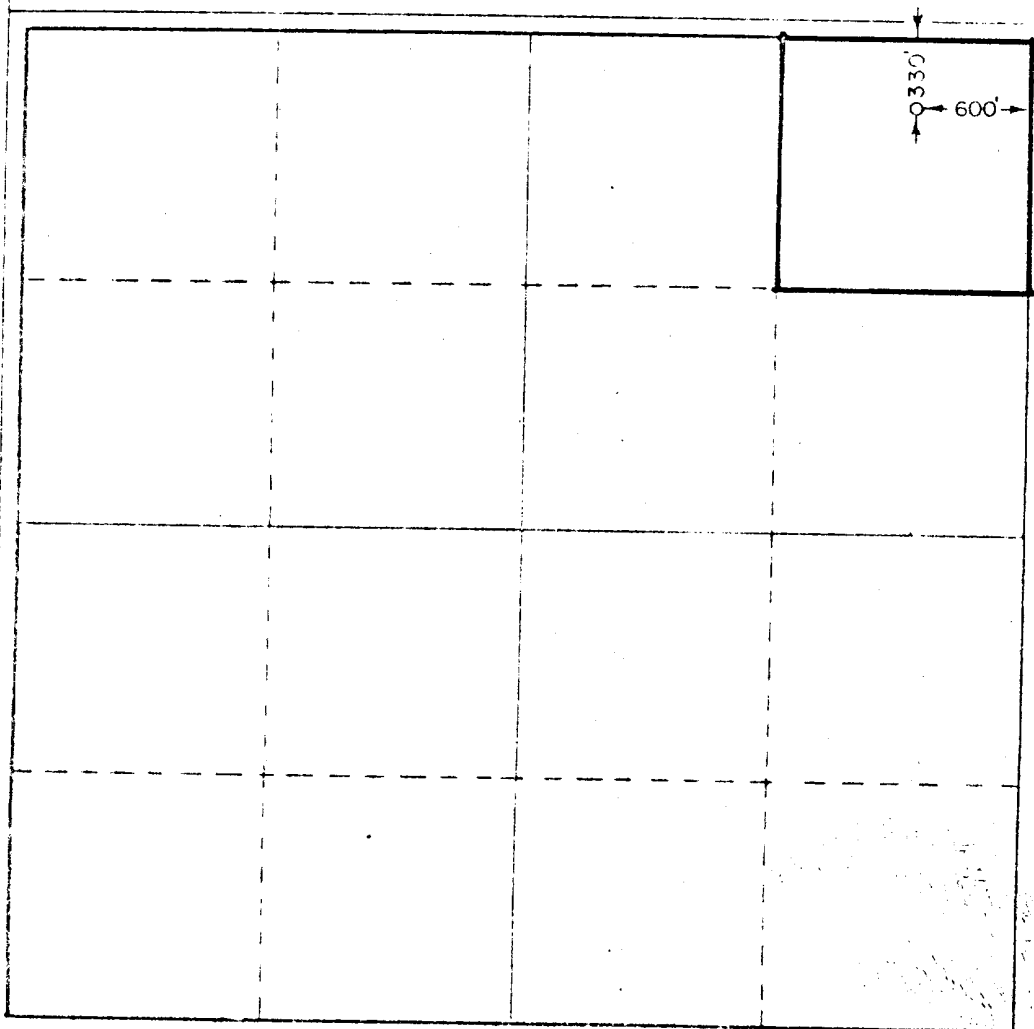
Gulf Oil Company USA			Harry Leonard NCT-E		Well No. 6
Section	Township	Range	Lea		
A	16	21 South	37 East		
Actual Well Location of Well:					
330	feet from the North line and	600	feet from the East line		
Ground Level Elev.	Producing Formation	Pool	Estimated Acreage		
3464.7	Drinkard	Drinkard	40		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

December 22, 1975

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 Received

December 20, 1975

Registered Professional Engineer

*John West*  
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