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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease
STATE <u>13</u> REC <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name <u>S.J. SARKEY</u>	
2. Name of Operator <u>GULF OIL CORPORATION</u>		9. Well No. <u>1</u>	
3. Address of Operator <u>P.O. Box 670, HABBS, NM 88240</u>		10. Field and Pool, or Wildcat <u>WANTZ ABO</u>	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>330</u> FEET FROM THE <u>NORTH</u> LINE AND <u>660</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>25</u> TWP. <u>21 S</u> RGE. <u>37 E</u> NMPM		12. County <u>LEA</u>	
19. Proposed Depth <u>7680</u>		19A. Formation <u>WANTZ ABO</u>	20. Rotary or C.T. <u>ROTARY</u>
21. Elevations (Show whether DT, RT, etc.) <u>3393.4 GL</u>	21A. Kind & Status Plug. Bond <u>BLANKET</u>	21B. Drilling Contractor <u>UNKNOWN</u>	22. Approx. Date Work will start <u>AUGUST 23, 1983</u>

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24	1300	500	SURFACE
7 7/8	5 1/2	15.50	7680	2000	TIE-BACK TO SURFACE CASING

MUD PROGRAM

0-1300 FW SPUD MUD 8.6-8.8ppm 32-36vis

1300-7680 SATURATED BRINE 9.8-100ppm 29-34vis

BOP DRAWING #2

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 2/11/84  
UNLESS DRILLING UNDERWAY

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.

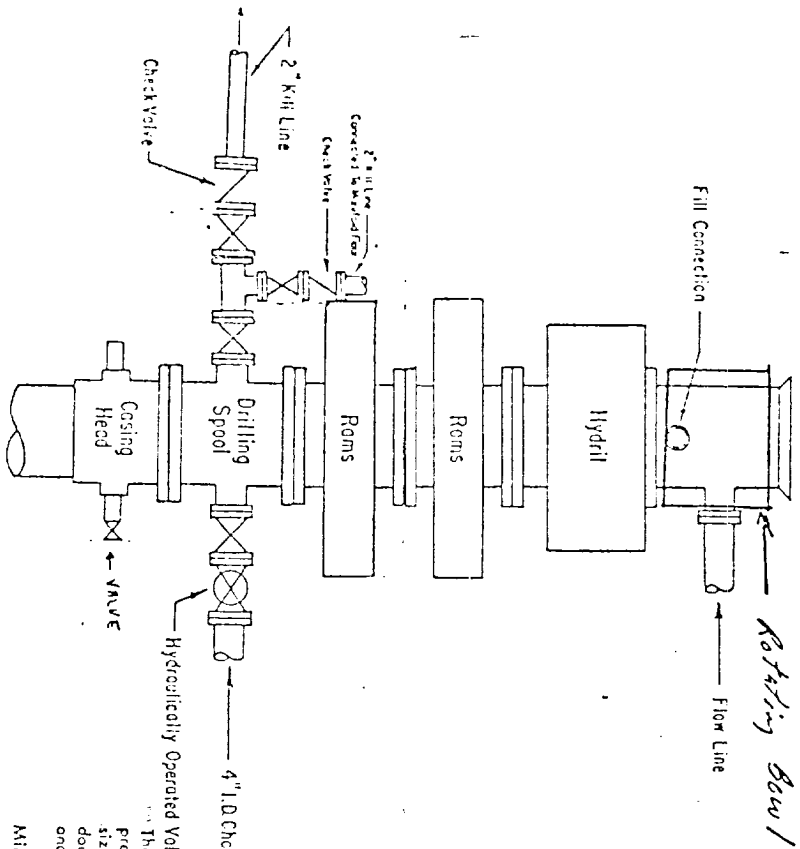
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed R.C. Anderson Title AREA PRODUCTION MGR Date 8-5-83

(This space for State Use)  
ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE AUG 11 1983

CONDITIONS OF APPROVAL, IF ANY:

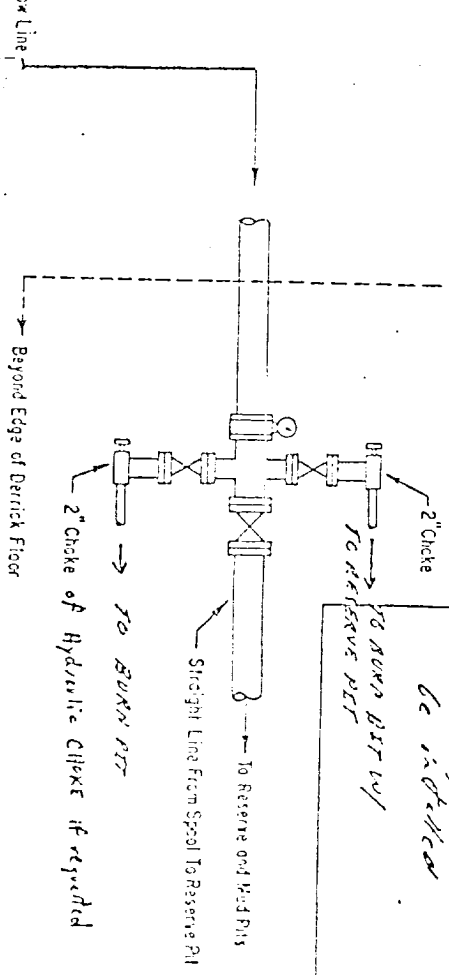


# 2000-3000 PSI WORKING PRESSURE BOP HOOK-UP FOR LARGE CASINGS

## SPECIFY WORKING PRESSURE

labeled, with control handles to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When necessary, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be constructed as straight as possible and without sharp bends. Key and valve access shall be maintained to the closing manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves and valves of the relief lines connected to the drilling spool and all ram type preventers must be equipped with stem extension, universal joints, if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves shall be equipped with handles.



## THE BLOWOUT PREVENTER ASSEMBLY SHALL CONSIST OF ONE BLOWOUT PREVENTER AND ONE PIPE RAM PREVENTER, BOTH HYDRAULICALLY OPERATED, A HYDRIL PREVENTER, VALVES, CHOKES AND CONNECTIONS, AS ILLUSTRATED. IF A TAPERED DRILL STRING IS USED, A RAM PREVENTER SHALL BE PROVIDED FOR EACH SIZE OF DRILL PIPE. CASING AND TUBING RAMS TO FIT THE PREVENTERS ARE TO BE AVAILABLE AS NEEDED. THE RAM PREVENTERS MAY BE TWO STRING OR A DOUBLE TYPE. IF CORRECT IN SIZE, THE FLANGED OUTLETS OF THE RAM PREVENTER MAY BE USED FOR CONNECTING TO THE 4-INCH I.D. CHOKE FLOW LINE AND TO THE KILL LINE. THE SUBSTRUCTURE HEIGHT SHALL BE SUFFICIENT TO INSTALL A ROTATING BLOWOUT PREVENTER.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With devices simultaneously within 1/2 second after closure, the remaining accumulator pressure shall be sufficient to close all the pressure-operated remaining accumulator fluid volume of least 50 percent of the original. When required, either an additional source of power, remote and equivalent, is to be available to operate the above pumps, or there shall be additional pumps operated by separate power and equal in performance capabilities.

## ADDITIONS - DELETIONS - CHANGES SPECIFY

NOTE: "Values Reported" means at any time the Gulf Supervisor can, may or will require the equipment to be installed during operations.

Rotating Bowl to be indicated

To Reserve Bit w/ To Reserve PRT

NEW MEXICO OIL CONSERVATION COMMISSION ON  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator <b>GULF OIL CORP.</b>		Lease <b>S. J. SARKEY</b>		Well No. <b>1</b>	
Unit Letter <b>D</b>	Section <b>25</b>	Township <b>21 SOUTH</b>	Range <b>37 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>330</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3393.4</b>	Producing Formation <b>Aho</b>	Pool <b>Hantz Aho</b>	Dedicated Acreage: <b>40</b>		

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.

*R.C. Anderson*

Name  
**R.C. ANDERSON**

Position  
**AREA PRODUCTION MGR**

Company  
**GULF OIL CORPORATION**

Date  
**8-5-83**

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  
**AUGUST 3, 1983**

Registered Professional Engineer and Land Surveyor

*W. W. W.*

Certificate No. **1000 W. W. W.**

330 660 90 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600