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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 11-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
LG-1630

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 DRILL DEEPEN PLUG BACK

b. Type of Well
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

3. Name of Operator
GULF OIL CORPORATION

4. Address of Operator
P.O. Box 670 HOBBS, NEW MEXICO, 88240

7. Unit Agreement Name
4

8. Firm or Lease Name
LEA T Z STATE

9. Well No.
4

10. Field, Pool, or Wildcat
SCHARR WOLF CAMP

11. Location of Well
 UNIT LETTER **F** LOCATED **1780** FEET FROM THE **NORTH** LINE
 AND **1980** FEET FROM THE **WEST** LINE OF SEC. **16** TWP. **19S** RGE. **35E** NMPM
UNDESIGNATED

12. County
LEA

19. Proposed Depth
11,000

19A. Formation
WOLF CAMP

20. History or Use
ROTARY

21. Elevations (Show whether DT, RT, etc.)
3795.8 GLE

21A. Kind & Status Plug. Bond
BLANKET

21B. Drilling Contractor
UNKNOWN

22. Approx. Date Work will start
2-6-84

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48#	400	400	SURFACE
12 1/4	8 5/8	24 & 8#	4200	1400	TIE BACK SURFACE
7 1/8	5 1/2	15.50 & 17#	11,000	~ 400	~ 8000'

MUD PROGRAM:

0-400' FW SPUD MUD 8.6-8.8 ppm 32-36 vis
 400'-4200' SAT. BRINE SYSTEM 9.8-10.1 ppq 29-31 vis
 4200'-9200' FW W/CUT BRINE 8.8-9.5 ppm 29-31 vis
 9200'-11,000 CUT BRINE POLYMER STARCH DRISPAK KCl 15-20 wL 32-34 vis

BOP PROGRAM:

SEE ATTACHED DRAWING #3 3000 psi WORKING PRESSURE

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 J. L. Sexton Title _____ Date _____

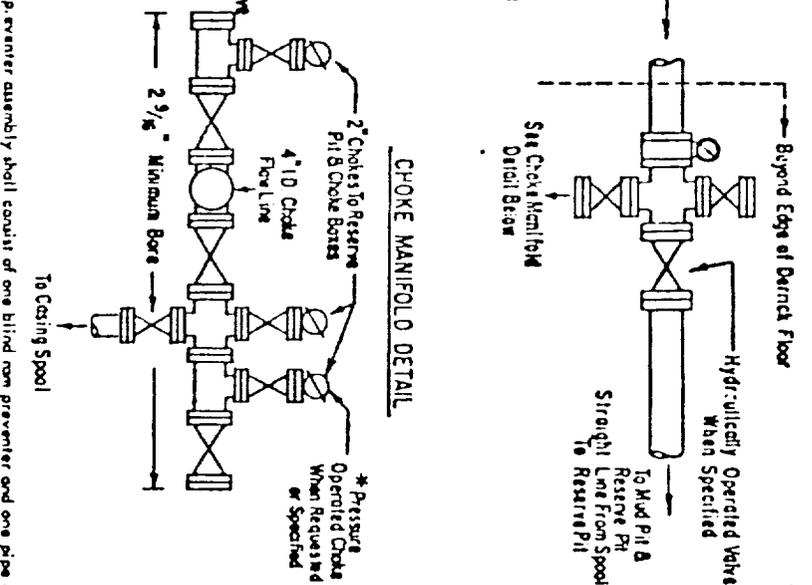
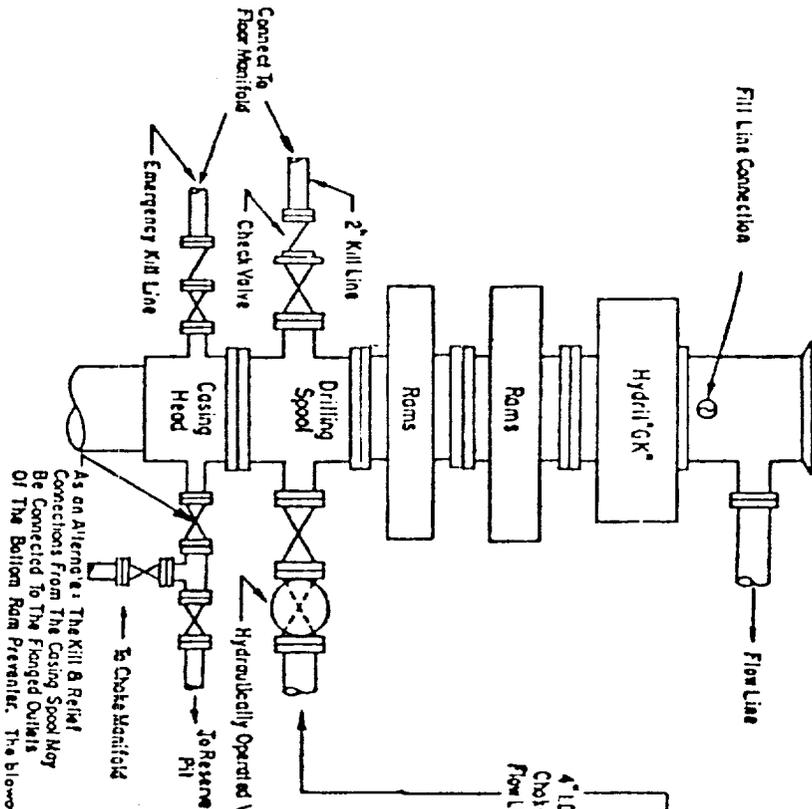
(This space for State Use)

APPROVED BY **ORIGINAL SIGNED BY JERRY SEXTON** TITLE _____ DATE **FEB 1 1984**
DISTRICT I SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 8/1/84
 UNLESS DRILLING UNDERWAY

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FUELS OFFICE



ADDITIONS - DELETIONS - CHANGES
 SPECIFY

**3000 PSI WORKING PRESSURE
 BLOWOUT PREVENTER HOOK-UP**

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When required, a second pressure reducer shall be available to limit operating fluid pressures to ram preventer. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves connected to the drilling spool and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped with handles.

* To include derrick floor mounted controls.

Minimum operating equipment for the preventer and hydraulically operated valves shall be as follows: (1) Multiple pumps, driven by a continuous source of power, capable of fluid changing the total accumulator volume from the nitrogen precharge pressure to its rated pressure within _____ 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 the charging pumps shut down, the pressurized fluid volume stored in the accumulator must be sufficient to close all the pressure-operated devices simultaneously within _____ seconds; after closure, the remaining accumulator fluid volume of at least _____ percent of the original. (3) When required, 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.

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated, a Hydril GK preventer, valves, chokes and connections as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing runs to fit the preventer are to be available as needed. 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 kill line, except when air or gas drilling. The substructure height shall be sufficient to install a rotating blowout preventer.

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 17-1
Supersedes C-124
Effective 1-1-85

All well entries must be from the outer boundaries of the section.

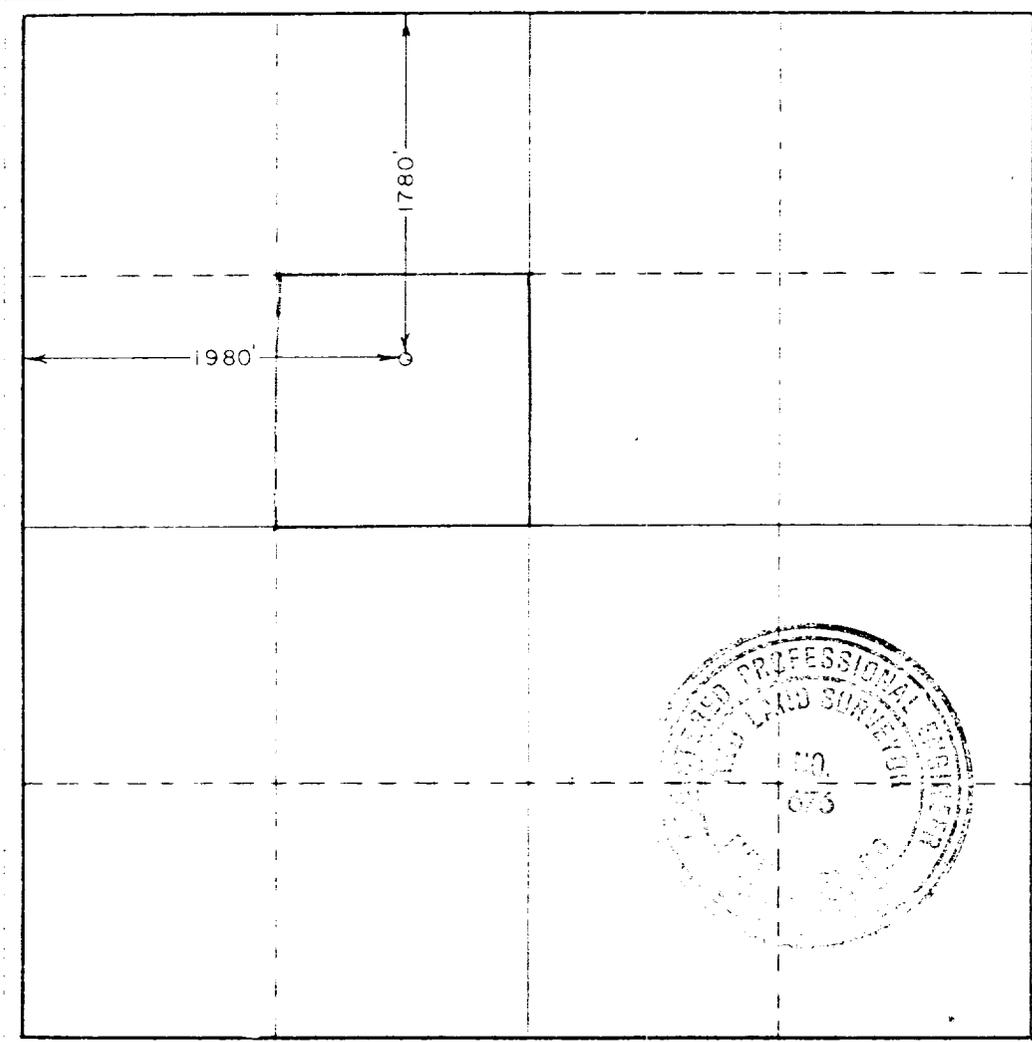
Operator GULF OIL CORP.		Lease LEA TZ STATE			Area 4
Section F	Section 16	Township 19 S	Range 35 E	County LEA	
Actual Horizontal Location of Well:					
1780	feet from the	NORTH	line and	1980	feet from the
Well Level Elev. 3795.8	Producing Formation <i>Wolfcamp</i>		Pool <i>S&E</i>	Wellbore Diameter <i>40</i>	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

L.C. Anderson

P.C. ANDERSON

APEA PROD. MGR.

GULF OIL CORP

1-30-84

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

1-27-84

Registered Professional Engineer
Well Log and Surveyor

John W. West

Certificate No. **JOHN W. WEST, 576**

RONALD J. EIDSON, 3239

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JAN 8 1984

HOLES OFFICE

100-1
100-1
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