

AMENDED APPLICATION

30-035-28780

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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.
LG4226

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Farm or Lease Name	
DEEPEN ☐ PLUG BACK ☐		LEA X A STATE	
c. Name of Operator		9. Well No.	
GULF OIL CORP		4	
3. Address of Operator		10. Field and Pool, or Wildcat	
P.O. Box 670 HOBBS NM 88240		UNDES. BONE SPRINGS	
4. Location of Well		12. County	
UNIT LETTER N LOCATED 1650 FEET FROM THE WEST LINE		LEA	
* AND 990 FEET FROM THE SOUTH LINE OF SEC. 7 TWP. 18S RGE. 34E NMPM			
11. Elevations (Show whether DE, RL, etc.)		19. Proposed depth	
4085.3' GLE		9100'	
21A. Kind & Status Plug. Bond		19A. Formation	
BLANKET		BONE SPRINGS	
21B. Drilling Contractor		20. Rotary or L.I.	
UNKNOWN		ROTARY	
22. Approx. Date work will start			
		SEPTEMBER 24, 1984	

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	500'	500	SURFACE
* 11	8 5/8	24 & 32	3300'	800	SURFACE
7 7/8	5 1/2	15.5	9100'	500	7000'

MUD 0-500 FW SPUD 8.6-8.9 ppq 34 vis 9 ph
500-3300 SATURATED BW 10.0 ppq 28 vis 8 ph
3300-9100 FW 8.4 ppq 28-33 vis 9 ph

BOP 3000 psi WUP NIPPLE-UP ON 13 3/8 & 8 5/8 AS PER ATTACHED
DRAWING

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3/10/85
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. Gaudin Title AREA PROD MGR Date 9-6-84

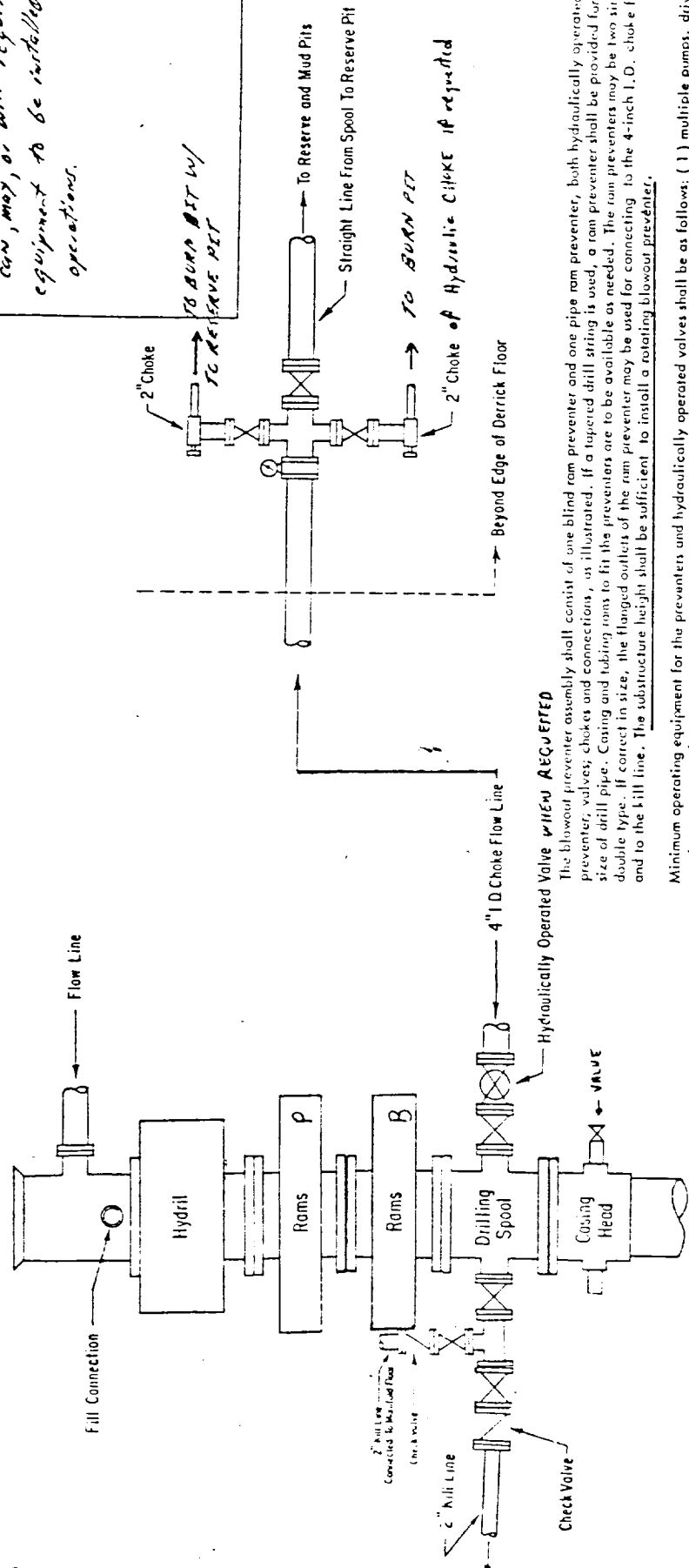
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE SEP 10 1984

CONDITIONS OF APPROVAL, IF ANY:

ADDITIONS - DELETIONS - CHANGES
SPECIFY

NOTE: "When Requested" means at any time the BOP Supervisor can, may, or will require the equipment to be installed during operations.



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

The blowout preventer assembly shall consist of one blind ram 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 singles 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 fill 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 the charging pumps shut down, the pressurized fluid volume stored in the accumulators shall be sufficient to close all the pressure-operated devices simultaneously within 1/4 seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least 50 percent of the original. When requested, 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.

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 to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When requested, 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 choke manifold, the choke flow line, the choke lines and the relief lines are to be supported by metal stands and adequately anchored. The choke flow line, relief lines and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access shall 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 and valves of the relief lines connected to the drilling spools and all ram type preventers must be equipped with stem extensions, valve seat 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.

NEW MEXICO OIL CONSERVATION COMMISSION
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.

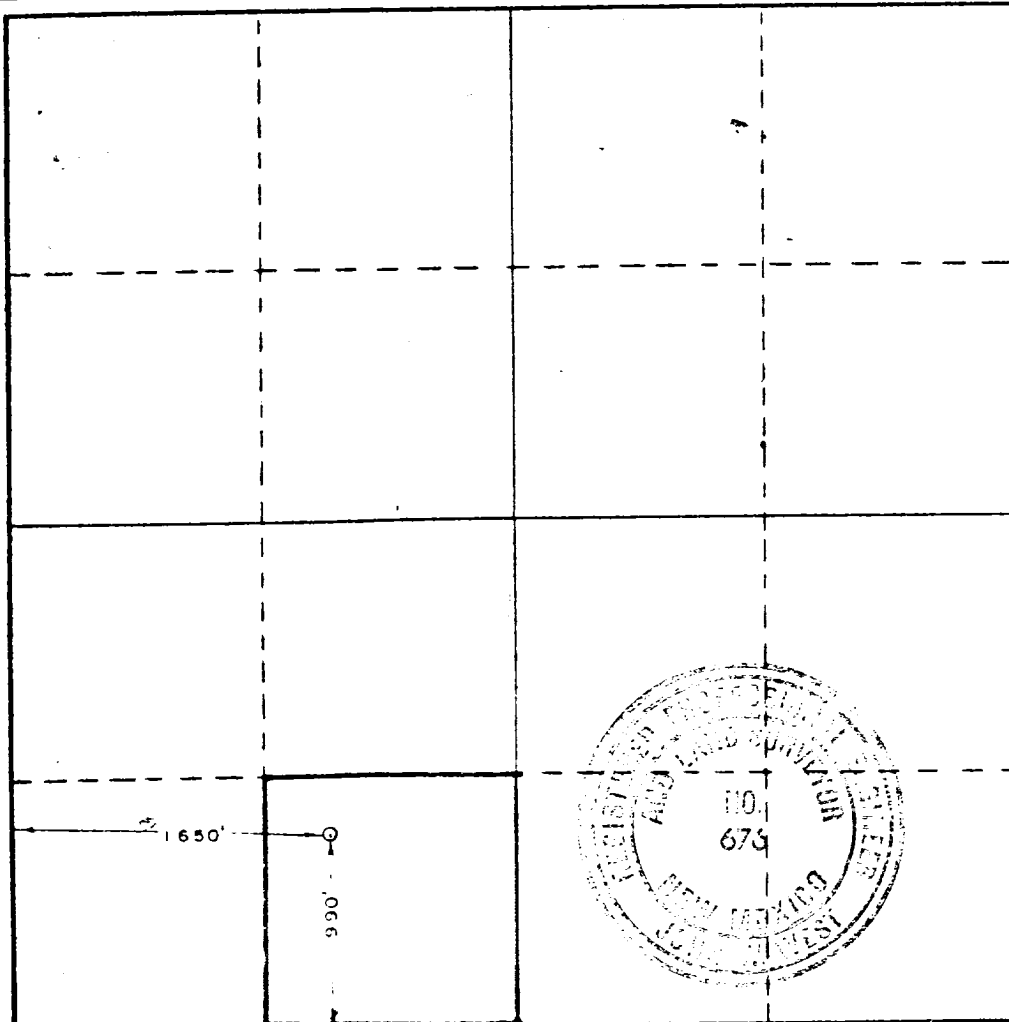
Operator GULF OIL CORP		Lease LEA XA STATE		Well No. 4
Unit Letter N	Section 7	Township 18 SOUTH	Range 34 EAST	County LEA
Actual Footage Location of Well: 990 feet from the SOUTH line and 1650 feet from the WEST line				
Ground Level Elev. 4085.9	Producing Formation BONE SPRINGS	Pool UNDES BONE SPRINGS	Dedicated Acreage: 40 Acres	

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.

R.C. Anderson

Name
R.C. ANDERSON

Position
AREA PROD MGR

Company
GULF OIL CORP

Date
9-6-84

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
SEPTEMBER 6, 1984

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400