



3000 psi WORKING PRESSURE WITHOUT FIRE FIGHTER BACK-UP

The blowout preventer assembly will consist of one blind ram preventer and one slide ram preventer, both hydraulically operated, a 3000 psi pressure relief valve, check and connections as follows. If a bypass drill rigging is used, a ram preventer must be provided for each rated 2000 psi. Charging and tubing lines for the preventers must be available as needed. If connected in line, the charged sections of the ram preventers must be connected in line so that at least 1/2 of the rated section of each ram preventer may be except when off or pump drilling. The addition to the bullard fire preventer.

Hydraulic operating equipment, i.e., pressure relief valves shall be as follows: (1) Multiple pressure devices for 2000 psi pressure relief valves, capable of fluid charging the rated emergency volume from the nitrogen gas charge pressure to rated pressure within 30 minutes. Also, the pump must be connected to the hydraulic operating system which is to be a closed system. (2) Accumulator in the operating system must be sufficient to charge all the pressure required to raise the rated pressure of the preventer. (3) When equipped, an additional source of pressure, normally air operated, is to be available to operate the pressure relief valves.

The charged pressure relief valves must be controlled by separate control for each pressure operated device. Controls are to be located with control handles indicating open and closed positions in a prominent position. Handwheel must be provided for operating the safety relief preventer which is required to release pressure to atmosphere in the event of an emergency.

The hydrostatic relief valve, including the bypass, must be maintained to the standard of all other valves. All valves are to be selected for operation in the presence of oil, gas, and different fluids. The valves must be provided with a quick opening and closing device to be maintained to the standard of all other valves. All other valves are to be equipped with handles.