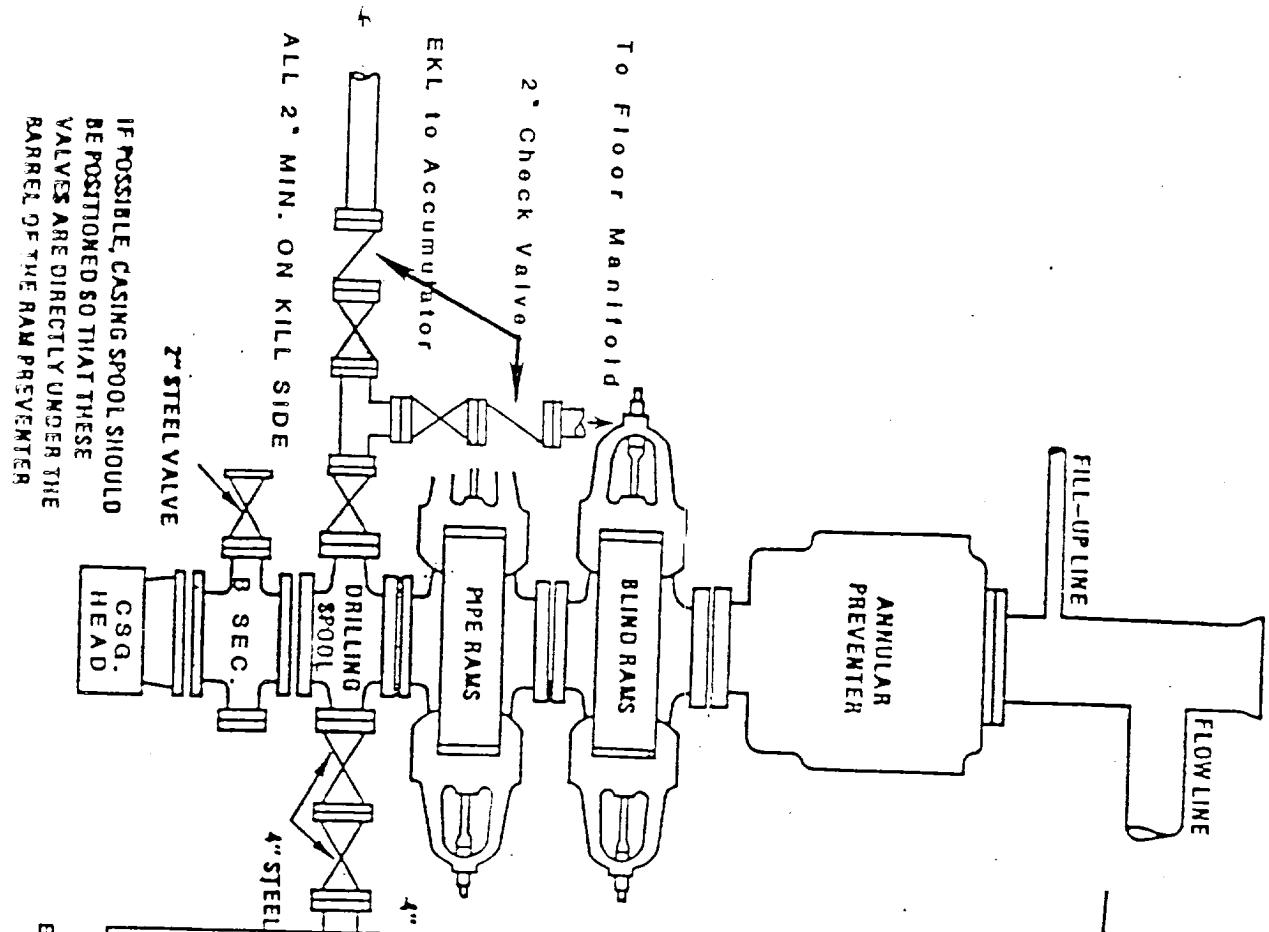


HOBBS DIVISION

CLASS THREE PREVENTER



The blowout preventer shall be supplied up as needed and sufficient of well piping opening fittings outlets are on the side of the line, then they may be used for connecting the choke line set and the kill line set, and may be used for connecting on or off wellhead or blowout preventer. The substructure height shall be sufficient to install a rotating blowout preventer. The accumulator shall be equipped with enough volume to handle the required hydrostatic pressure of fluid circulation, the minimum pressure required being dependent upon the maximum operating pressures in the rig. The pressure required for normal operations is dependent upon the total fluid volumes in the system which must be less than 1600 bbls. A fluid reservoir tank shall have a separate control for each pressure-controlled outlet to be isolated for service and opened or closed. All controls shall be so designed that no blowout can occur unless all pressure reducing valves are closed. All lines from the reservoir to the blowout preventer shall be screened off by screens which extend beyond the substructure. The accumulator shall be placed away from the rig floor, the distance of the preventer to the accumulator shall be specified in contract. Hydraulic fluid must meet API-13. The choke manifold and lines shall be supported by metal stands and securely anchored out sharp turns. The choke flow line valves and kill line valves shall be as straight as possible and tight. With steel extension, universal joints if needed, and hand wheel which extend beyond the substructure. All other valves shall be equipped with handles.

IF POSSIBLE, CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER

Beyond Edge of Derrick Floor

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