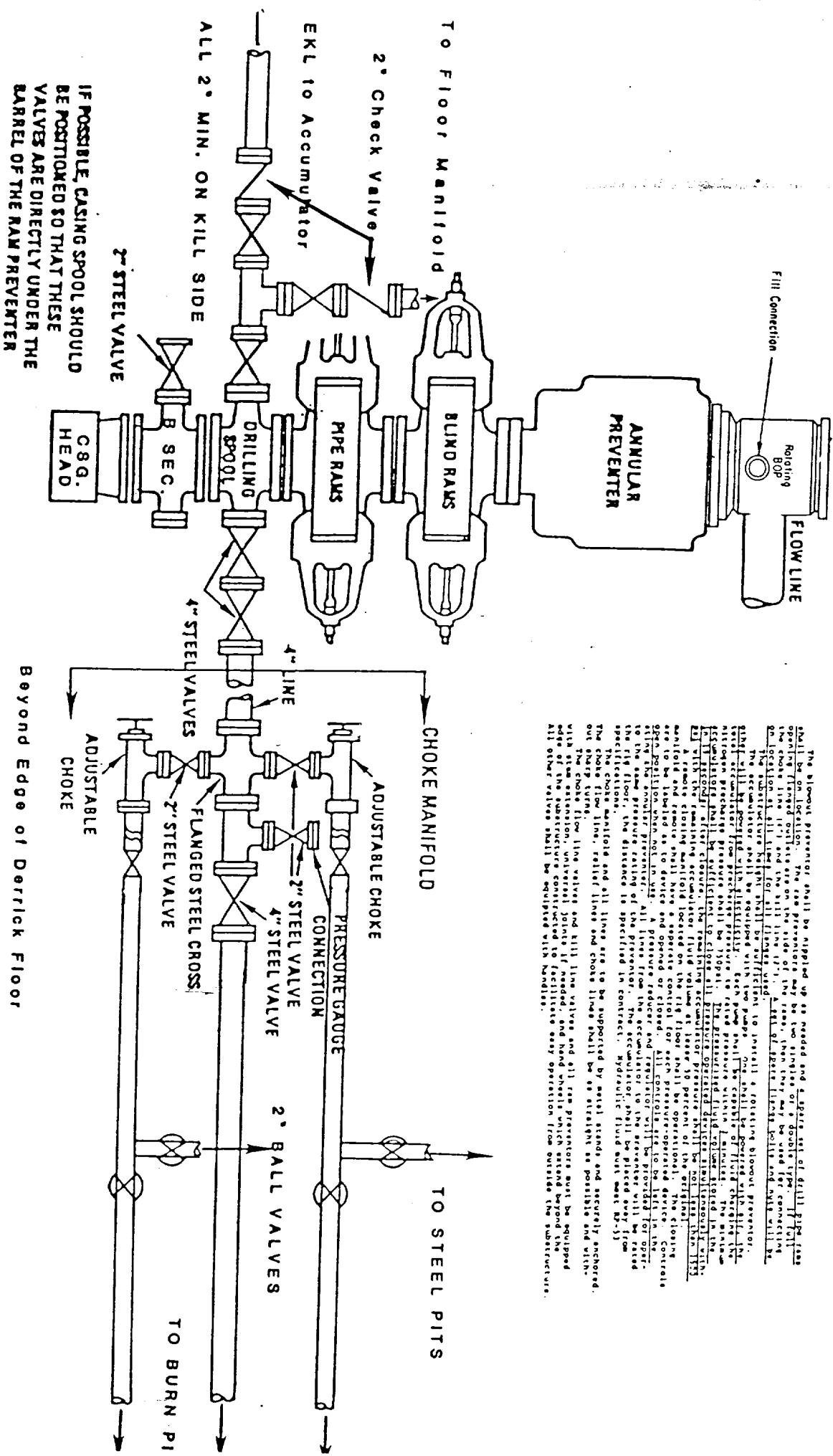


HOBBS DIVISION

CLASS THREE PREVENTER



The blowout preventer shall be supplied up as needed and supported by steel pipe or tubing. Tinned outlets are on the side of the valve, then the valve may be bolted to the body line and the body line will be a full bore line with no valves and no fittings. The substructure height shall be sufficient to install a rotating blowout preventer. The blowout preventer shall be supplied with two pumps. One shall be supplied for hydrostatic pressure and the other shall be supplied for fluid injection. All piping associated with the blowout preventer shall be supported by steel pipe or tubing. The blowout preventer shall be supplied with a remote control system. The remote control system shall be supplied with a remote closing manifolds having a volume at least 10 percent of the self-tester. A remote closing manifolds located on the rig floor shall be operable. The blowout preventer shall have a built-in control for each pressure-operated device. Controls are to be labeled as to device and operated by blowout preventer. All controls shall be left in the open position when not in use. A pressure gauge and a venturi orifice provided for operating the annular preventer. All lines from the accumulator to the preventer will be rated to the same pressure rating of the preventer. The accumulators shall be placed away from the rig floor. The distance is specified in contract. Hydraulic fluid must meet API-5J. The choke manifold and all lines are to be supported by steel angles and securely anchored. Out sharp turns in choke line shall be kept as small as possible and with the choke flow line valve and kill line valves and all flow preventers must be equipped with flange connections, universal joints if needed, and hard steel which extends beyond the valve. All other valves shall be equipped with handles.

James
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