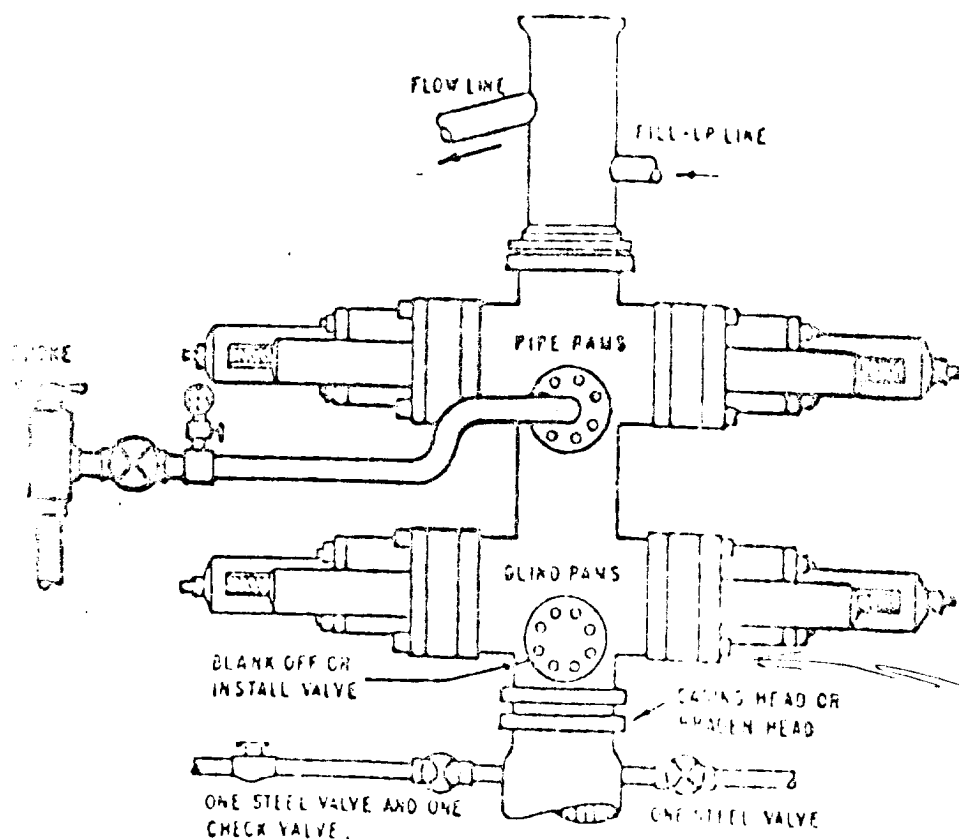




THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. DUAL GATE BLOWOUT PREVENTER WITH LOWER RANG BLIND AND UPPER RANG FOR PIPE, ALL HYDRAULICALLY CONTROLLED, OPENING ON PREVENTERS BETWEEN RANGS.
- B. BOP TO BE FLANGED, STUDDED OR CLAMPED AND AT LEAST TWO INCHES DIAMETER.
- C. ALL CONNECTIONS FROM OPERATING MANIFOLD TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF 2 INCH IN DIAMETER.
- D. AVAILABLE CLOSING PRESSURE SHALL BE AT LEAST 15% IN EXCESS OF THAT REQUIRED TO OPERATE THE PREVENTERS.
- E. CONNECTIONS TO AND FROM PREVENTERS TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE BOP.
- F. CONTROL CONTROLS TO BE INSTALLED BEFORE DRILLING CEMENT PLUG.
- G. VALVE TO CONTROL FLOW THROUGH DRILL PIPE TO BE LOCATED ON RIG FLOOR.
- H. CHOKES MAY BE EITHER POSITIVE OR ADJUSTABLE. choke spool may be used between rans.