

## THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A ONE COUBLE GATE BLOWOUT PREVENTER WITH LOWER RANS BLIND AND UPPER RAMS FOR PIPE, ALL MYDRAULICALLY CONTROLLED, OPENING ON PREVENTERS BETWEEN RANS.
- B. OPENING TO BE FLANGED, STUDDED OR CLAMPED AND AT LEAST TWO INCHES DIAMETER.
- C. ALL CONNECTIONS FROM OPERATING MANIFOLD TO PREVENTERS TO BE ALL STEEL MOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
- D. THE AVAILABLE CLOSING PRESSURE SHALL BE AT LEAST 15% IN EXCESS OF THAT REQUIRED WITH SUFFICIENT VOLUME TO OPERATE THE PREVENTERS.
- E. ALL CONNECTIONS TO AND FROM PREVENTERS TO MAYE A PRESSURE RATING EQUIVALENT TO THAT OF THE B.O. P.S.
- F. MANUAL CONTROLS TO BE INSTALLED BEFORE DRILLING CENENT PLUG. "
- G. VALVE TO CONTROL FLOW THROUGH DRILL PIPE TO BE LOCATED ON RIG FLOOR. -
- H. CHOKE WAY BE EITHER POSITIVE OR ADJUSTABLE. . Choke spool may be used between rams.

ONE HYDRAULIC DUAL BLOWOUT PREVENTER