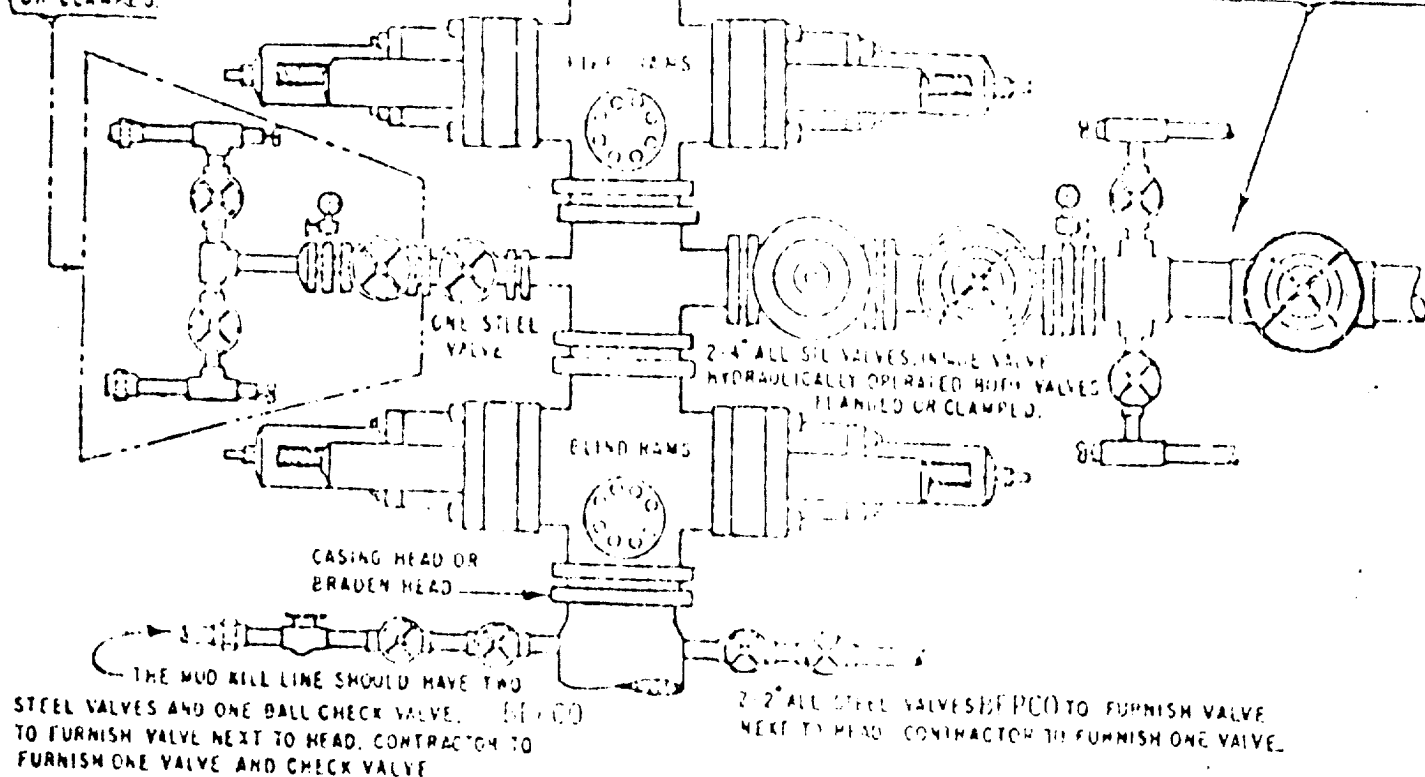


ALTERNATE POSITION FOR CHOKER MANHOLE.
MASTER VALVES TO BE FLANGED
OR CLAMPED.

CHOKER MANHOLE TO HAVE AT
LEAST ONE 4" VALVE TO CONTROL
FLOW ON SEPARATE 4" VALVE TO
CONTROL CONTINUATION OF THE 4"
LINE IF LOCATED REMOTELY FROM
WELL HEAD, ANOTHER MASTER VAL
SHOULD BE INSTALLED AT THE REI
LOCATION. ONE CHOKER IS TO BE AD
JUSTABLE, THE OTHER MAY BE EITHER
ADJUSTABLE OR POSITIVE.



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- CONDITIONS MAY BE MET BY AN ANNULAR TYPE BLOWOUT PREVENTER ON TOP AND A CHOKER SPOOL BELOW AND EITHER
 - TWO RAM TYPE BLOWOUT PREVENTERS BELOW THE SPOOL, THE LOWER UNIT CONTAINING BLIND RAMS AND THE UPPER UNIT CONTAINING PIPE RAMS, OR
 - A DUAL BLOWOUT PREVENTER BELOW THE SPOOL WITH BLIND RAMS ON BOTTOM AND PIPE RAMS ON TOP.
- OPENING ON CHOKER SPOOL TO BE FLANGED, STUDDED OR CLAMPED.
- ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
- THE AVAILABLE CLOSING PRESSURE SHALL BE AT LEAST 15% IN EXCESS OF THAT REQUIRED WITH SUFFICIENT VOLUME TO OPERATE THE BOP.
- ALL CONNECTIONS TO AND FROM PREVENTER TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE BOP.
- MANUAL CONTROLS TO BE INSTALLED BEFORE DRILLING CEMENT TING.
- KELLY COCK TO BE INSTALLED ON KELLY.
- INSIDE BLOWOUT PREVENTER TO BE AVAILABLE ON ALL DEEPS.
- DUAL OPERATING CONTROLS ONE LOCATED BY DRILLERS POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.

DEPCO IV

THREE CLOSURE HYDRAULIC BLOWOUT PREVENTERS

3000# WP

3000# TEST PRESSURE