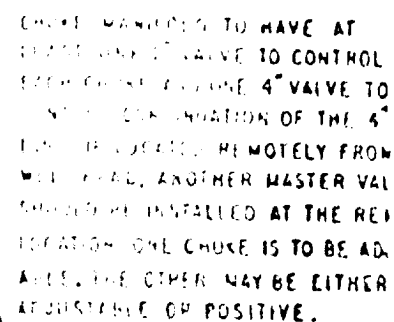


CONTINUATION OF THE PREVENTER INSTALLATION. PREVENTER ON TOP AND A CHOKER SPOOL BELOW AND EITHER

- (1) TWO RAMS WITH PREVENTERS BELOW THE SPOOL, THE LOWER UNIT CONTAINING BLIND RAMS AND THE UPPER UNIT CONTAINING PIPE RAMS, OR
- (2) A DUAL BLIND 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 MANHOLES TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.

THE VOLUME OF THE PRESSURIZED HOSE OR TUBE AT LEAST 15% IN EXCESS OF THAT REQUIRED WITH SUFFICIENT VOLUME TO OPERATE THE BOP'S.

ALL CONNECTIONS FROM PREVENTER TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE BOP'S.

MANUAL CONTROL VALVE INSTALLATION TO BE IN ACCORDANCE WITH THE FOLLOWING:

1. LOCATION OF THE VALVE TO BE

2. THE VALVE TO BE PREVENTER TO BE AVAILABLE ON ALL SIDES

3. DUAL OPERATING VALVES ONE LOCATED AT DOWN-HOLE POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.

ALCO 14

THREE CLOSURE HYDRAULIC BLOWOUT PREVENTERS