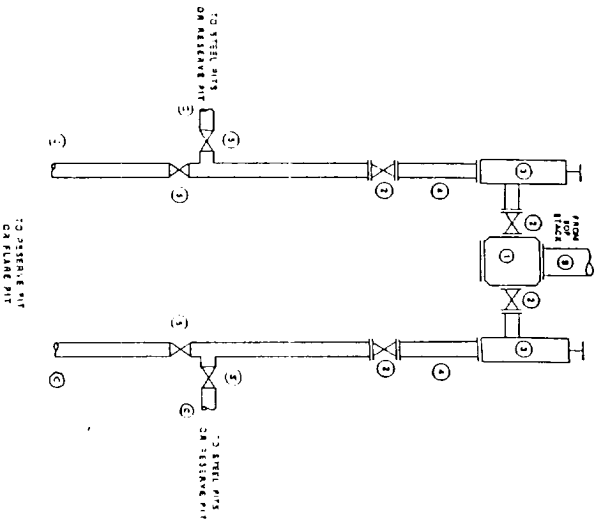


TYPE- 3 CHOKE MANIFOLD



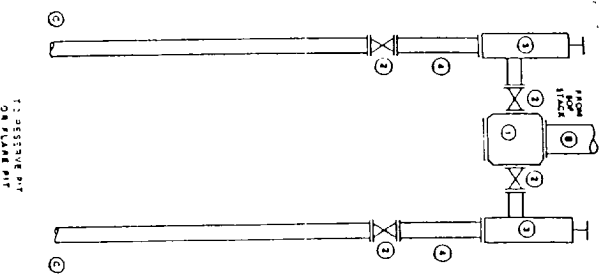
COMPONENT SPECIFICATIONS

1. Flanged or studed cross -- 3" x 3" x 2" x 2" minimum nominal diameter with blind
2. Flange and equipped with needle valve and pressure gauge.
3. Flanged plug or gate valve -- 2" minimum nominal diameter -- valve to have same working pressure rating as choke.
4. Flanged manually adjustable choke equipped with tungsten carbide stems and seats and at least 3/4" orifice opening.
5. Flanged spacer spool -- 2" minimum nominal diameter and approximately 18" length.
6. Flanged plug or gate valve -- 2" minimum nominal diameter.

NOTE:

- A. The rated working pressure of the choke manifold will be specified in the Bid Letter and Drilling Order and all equipment must conform to the specifications herein.
- B. The choke line between the BOG stack and choke manifold should not contain any unnecessary bends or turns. Any required turns must be made with a turning tee and a blind flange or welded bullpup. All connections must be either flanged or welded and all welding must be done by a certified welder.
- C. Flare lines must be laid to the reserve pit or flare pit and must be securely anchored.

TYPE- 2 CHOKE MANIFOLD



COMPONENT SPECIFICATIONS

1. Flanged or studed cross -- 3" x 3" x 2" x 2" minimum nominal diameter with blind
2. Flange and equipped with needle valve and pressure gauge.
3. Flanged plug or gate valve -- 2" minimum nominal diameter -- valve to have same working pressure rating as choke.
4. Flanged manually adjustable choke equipped with tungsten carbide stems and seats and at least 3/4" orifice opening.
5. Flanged spacer spool -- 2" minimum nominal diameter and approximately 18" length.
6. Flanged plug or gate valve -- 2" minimum nominal diameter.

NOTE:

- A. The rated working pressure of the choke manifold will be specified in the Bid Letter and Drilling Order and all equipment must conform to the specifications herein.
- B. The choke line between the BOG stack and choke manifold should not contain any unnecessary bends or turns. Any required turns must be made with a turning tee and a blind flange or welded bullpup. All connections must be either flanged or welded and all welding must be done by a certified welder.
- C. Both flare lines must be laid to the reserve pit or flare pit and must be securely anchored.