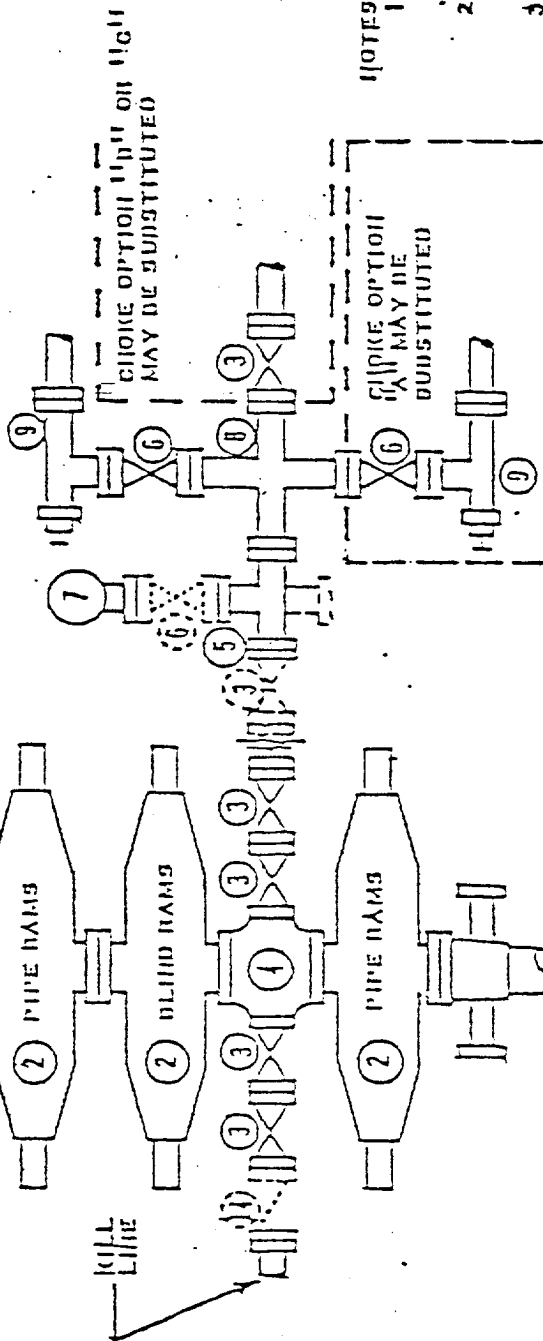


----- OPTIONAL EQUIPMENT

FILL-UP CONNECTION

KILL
LINE

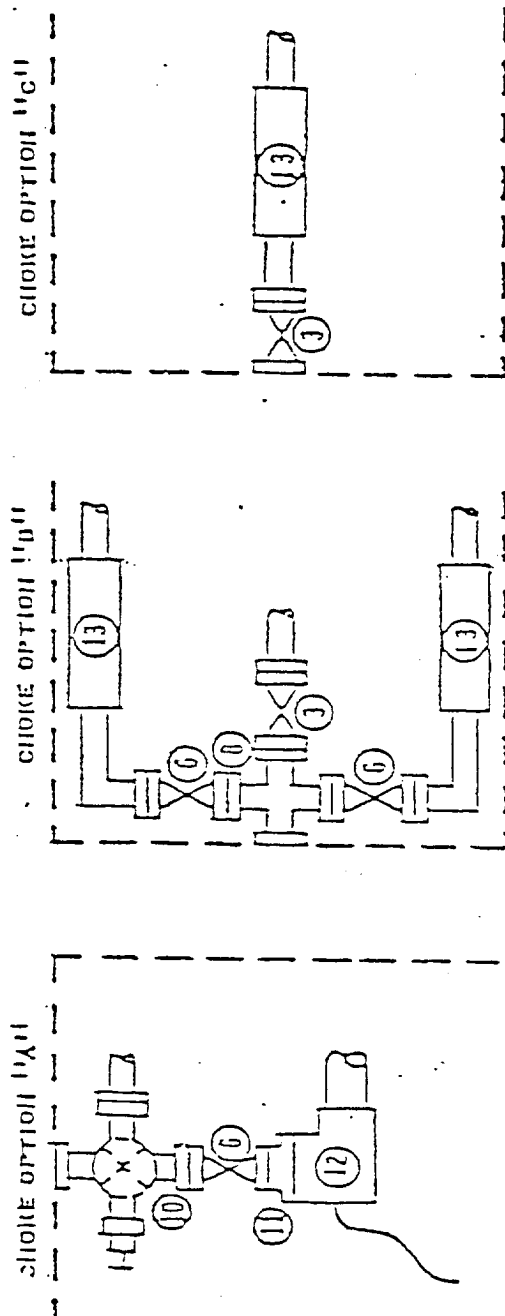


NOTES

1. 5000 PSI WP OR BETTER CLAMP HUBS MAY BE SUBSTITUTED FOR FLANGES

2. ONE ADJUSTABLE CHOKE MAY BE REPLACED WITH A POSITIVE CHOKE

3. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE BON NH MUST BE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER FAILURE AND BE CAPABLE OF BEING OPENED MANUALLY



- 1 1" SER. 1500 HYDRAULIC GK
- 2 2" SER. 1500 HYDRA-TYPE HOP (8)
- 3 3" SER. 1500 VALVE
- 4 2" SER. 1500 DRILLING SPOOL
- 5 3" SER. 1500 X 2" SER. 1500 STEEL TEE
- 6 2" SER. 1500 VALVE
- 7 2" MUD PRESSURE GAUGE
- 8 3" SER. 1500 X 2" SER. 1500 STEEL CROSS
- 9 2" SER. 1500 ADJ. CHOKE
- 10 2" SER. 1500 ADJ. CHOKE OR 2" SER. 1500 HUBER VALVE ON SIDE OUTLET OF 2" SER. 1500 STEEL TEE
- 11 ADAPTER, 2" SER. 1500 X 10,000 LB WP FLANGE MATING 12 INLET
- 12 10,000 LB WP HENOTE CHOKE
- 13 HYDRAULIC CHOKE, 2500 LB WP OR BETTER
- 14 3" SER. 1500 CHECK VALVE

5000 PSI WORKING PRESSURE
BLOWOUT PREVENTER 1100K-UP
(SERIES 1500 FLANGES OR BETTER)