

7. Cameron single type "U" blowout preventer, 18-3/4" 10,000 psi trimmed for hydrogen sulphide service with No. 27 clamp hubs top and bottom and two (2) 3-1/8" 10,000 psi No. 5 clamp hub outlets, (equipped with 4" pipe rams).

C. BOP Kill and Choke Line System Trimmed for Hydrogen Sulphide Service:-

1. Master Valves: Three (3) McEvoy 10,000 psi WP 3-1/16" valves with fail safe closed operators and 6BX flange connections.
2. Operating Valves: Three (3) McEvoy 10,000 psi WP 3-1/16" valves, with double acting operators and 6BX flange connections.
3. Outlet Location: Choke Line outlet under middle pipe and bottom pipe rams.

Kill Line outlet below shear rams.

All other outlets to be non-machine bored and capped with blind flanges with hub clamps and BX-154 ring grooves.

4. BOP Choke and Kill Lines: 10,000 psi WP 3-1/8" spools.
5. Ball Joint Jumper Connections: WECO 3", 10,000 psi WP Chiksan all welded steel hose assembly with style 50-10-50 long sweep Tri-Race Swivel joints or equivalent flex hose.

D. BOP Guidance System:-

1. Four-post and funnel section BOP frame on 6" radius centers complete with reinforcement and guide funnels as required. Funnels and posts slotted for guide wire installations, internally ground and complete with retaining doors. Frame attachment at lower Hydril and lower Cameron connector.
2. Four-funnel upper section BOP frame on 6" radius centers complete with reinforcement as required. Funnels slotted for guide wire installation, internally ground and complete with retaining doors. Frame attachment at upper Cameron connector.
3. Two arm guide frame for remote stabbing of BOP hydraulic pods.