

d. BOP Kill and Choke Line System:

- (1) Master valves - Two (2) Cameron 10,000 psi WP 3-1/16" right angle failsafe valves hydraulic open, spring close.
- (2) Operating valves - Two (2) Cameron 10,000 psi WP 3-1/16" straight through valves, hydraulic open, spring close.
- (3) Flex Joint Jumper Connection - Two (2) 3-1/8" 10,000 psi WP choke and kill lines.

e. BOP Guidance System:

- (1) Four post and funnel lower section BOP frame on 6' radius centers complete with reinforcement and guide funnels as required. Funnels and posts slotted for guide wire installation, internally ground and complete with retaining doors. Frame attachment at top Preventer and Wellhead 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 Riser connector.

f. Miscellaneous Equipment Items:

- (1) Installed in BOP:
 - (a). Three (3) sets 5" rams complete with long life ram rubbers.
 - (b). One (1) set shear rams complete.
 - (c). Two (2) annular bag elements.

g. Marine Riser - 1200 Ft. of Cameron 21" X 1/2" Wall X-52 Riser with RCK connections and integral choke and kill lines. Riser pup joints 5 Ft., 10 Ft., 15 Ft., 20 Ft., 30 Ft. and 40 Ft. long.

h. Slip joint - Two (2) Cameron telescoping joints, 45' stroke with dual packer with split inserts. Material of slip joint X-52 inner and outer barrel with RCK pin riser connection and type "R" top connection.