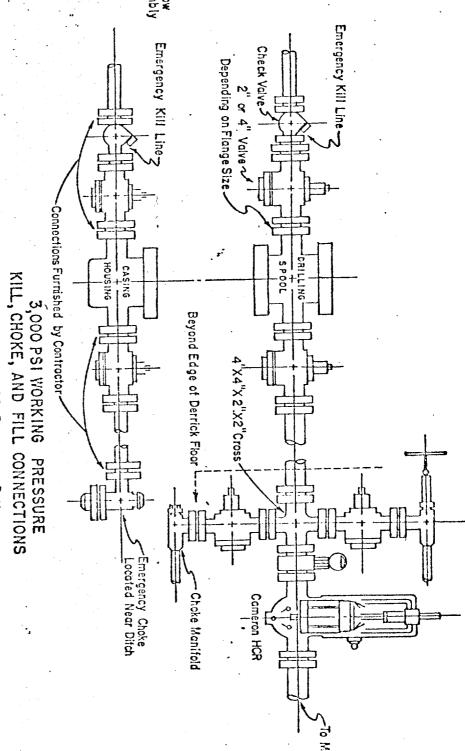


3,000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

Series 900 Flonges, or Better



API Series 900 Flanges or Better

DETAIL OF 4" FLOW LINE CHOKE ASSEMBLY

QRC, Cameron Type F single or Shaffer Hydraulic single, and the upper will be Hydril GK. In lieu of the drilling spool, the flanged outlets flow line and the two-inch kill line. from the Comeron Type F single open face flanged preventer, provided the autlets are the correct size, may be used for the four-inch Minimum assembly for 3000 PSI working pressure will consist of three preventers. The bottom and middle preventers may be Cameron

through 7-5/a-inch cosing. Size six-inch preventers are to be used for work through 7-inch and 5-½-inch cosings. Size 12-inch preventers may be used for work down through 8-5/s-inch casing. Size 10-inch preventers may be used for work down

able to absend the pressure operated devices at the same time with 25 percent reserve. Quit No. 551 hydraulia oil shall be used as the operating fluid. ing a fluid charge. A closed fluid system is recommended. The closing manifold and remote closing manifold will have a separate four-way volve for each pressure operated device and a Hydril regulator will be provided. Sufficient fluid capacity in the accumulator(s) shall be avail-Minimum operating equipment for the preventers will be : (1) An air operated pump and (2) An accumulator (s) with same means of obtain

assembly shall be selected for operation in both gas and fluids. The four-inch flow line from the preventers shall be supported by a metal stand or reinforced concrete. All valves throughout the

The ram type preventers and the Cameron HCR valve will be provided with stem extensions, universal joints, if needed, and