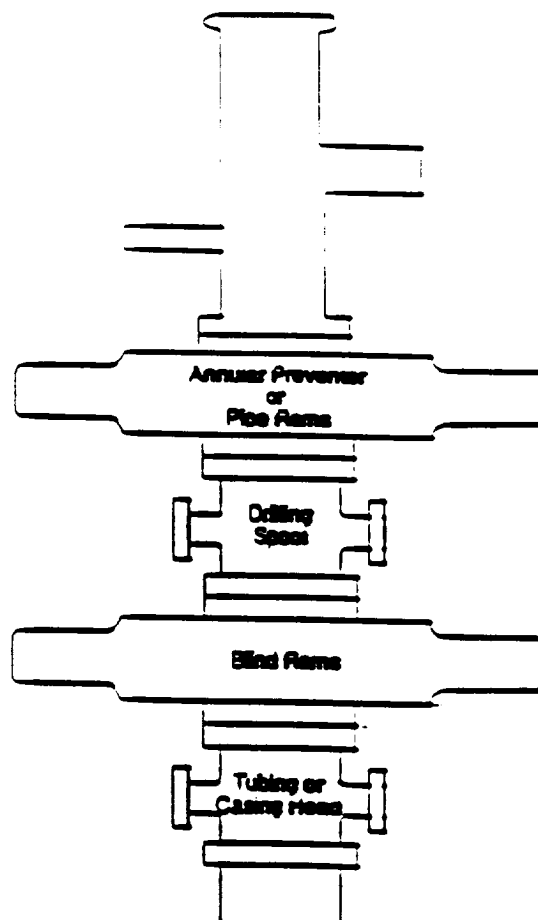


CHEVRON DRILLING REFERENCE SERIES
VOLUME ELEVEN
WELL CONTROL AND BLOWOUT PREVENTION

D. CLASS II-B BLOWOUT PREVENTER STACK:

Figure 11J.3
Class II-B Blowout Preventer Stack



The Class II-B preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a drilling spool, and a single blind ram preventer at the bottom. In an alternate configuration, a single pipe ram preventer may be substituted for the annular preventer. The control and kill lines are installed onto the drilling spool and must have a minimum inside diameter of 2". An emergency kill line must be installed on the wellhead. As the maximum anticipated surface pressure of the stack is less than 2000 psi, screwed connections may be used. All components must be of steel construction. The Class II-B blowout preventer stack is shown in detail in Figure 11J.3.