

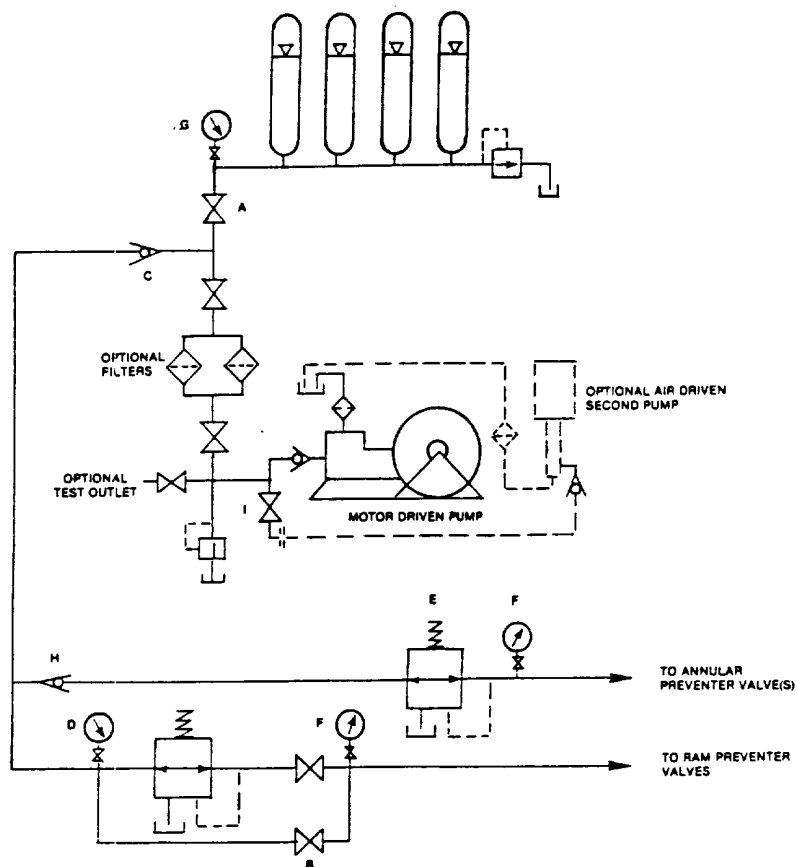


FIGURE K6-1. The schematic sketch of an accumulator system shows required and optional components.

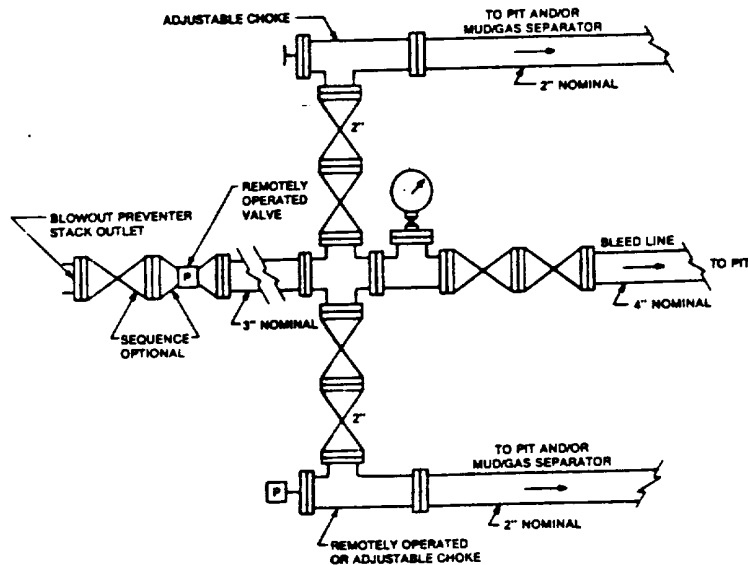


FIGURE K4-2. Typical choke manifold assembly for 5M rated working pressure service — surface installation.

EXHIBIT "1-E"  
CHOKE MANIFOLD & CLOSING UNIT  
PENWELL ENERGY INC.  
WEST SHUGART "30" FEDERAL # 10  
UNIT "H" SECTION 30  
T18S-R31E EDDY CO. NM

30-015-29487

CARIP 6137

PROP 28671

1001 85305

Confidential  
11-21-97

8-21-97  
Comp. Neutron  
200' - 12,250'  
Azimuthal Laterolog  
3404' - 12,250'

PLC-155

5126199

W Shug Wfaps  
N Shug Mob