

**SONAT EXPLORATION****West [REDACTED] TEXAS BUSINESS UNIT**

Minimum Requirements for a  
5,000 psi BOP Stack Manifold

**A Gas Buster is Necessary and Must be 16" O.D. x 14' Tall.  
A Flare Line to Vent the Gas Away from Rig is Needed.**

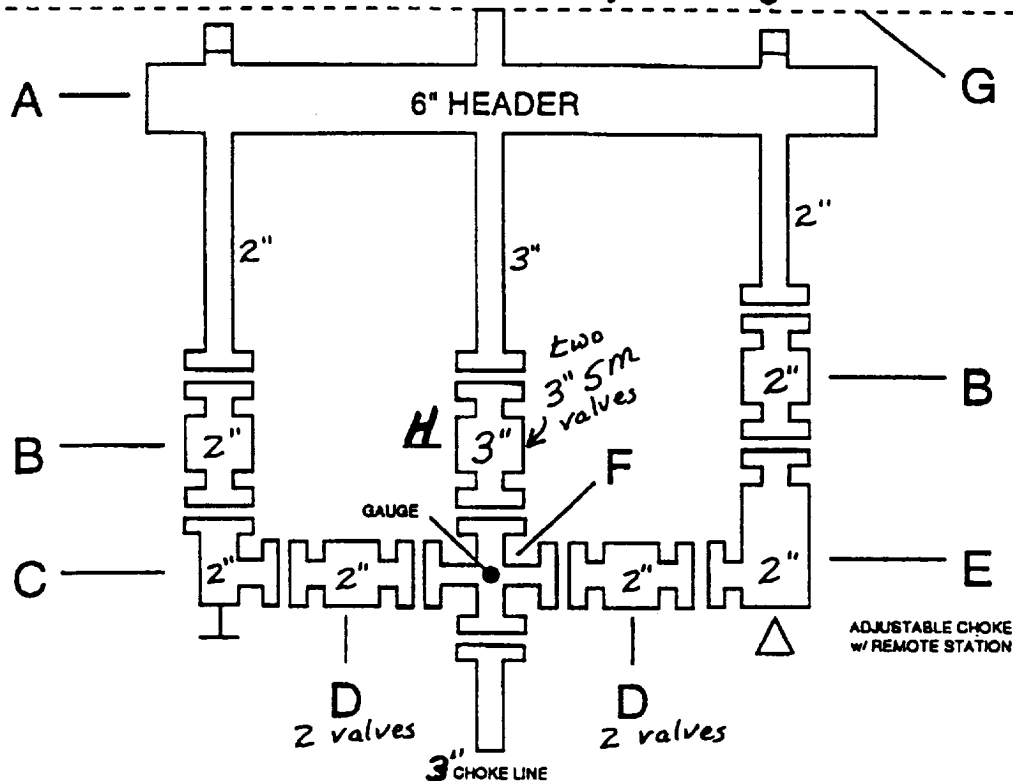


Diagram as  
shown meets  
the minimum  
BLM requirem.  
for a 5M sta

- A. Header for Gas Expansion 6" O.D. Tube.
- B. 2" 5 M Manual Valves on Down Stream Side of Choke.
- C. 2" 5 M Manual Adjustable ~~or Positive~~ Choke. (SSS)
- D. 2" 5 M Manual Valve (2 valves on each side of cross)
- E. 2" 5 M Adjustable w/ Remote Station
- F. 3" 5 M Tee w/ Gauge in Top Side 3" Choke Line
- G. Gas Buster 14" O.D. x 12' tall w/ Flare Line to Vent Gas Away from Rig.

Note: All Pipe Will be Flanged & Welded. No Screwed Connections.

H. two 3" 5M manual valves