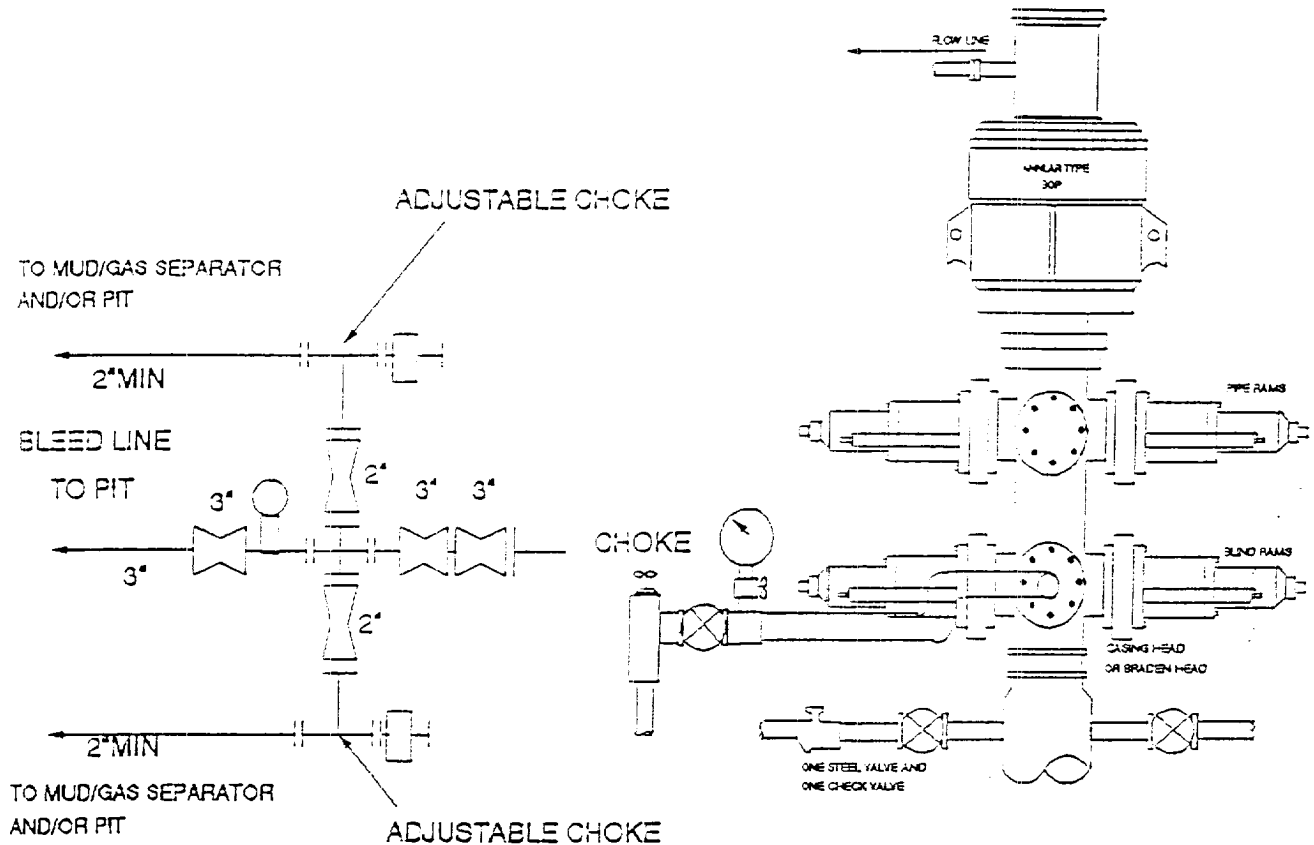


3000 PSI WP



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- One double gate blowout preventer with lower rams for pipe and upper rams blind, all hydraulically controlled.
- Opening on preventers between rams to be flanged, studded or clamped and at least two inches in diameter.
- All connections from operating manifold to preventers to be all steel hose or tube a minimum of one inch in diameter.
- The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate (close, open, and re-close) the preventers.
- All connections to and from preventers to have a pressure rating equivalent to that of the BOP's.
- Manual controls to be installed before drilling cement plug.
- Valve to control flow through drill pipe to be located on rig floor.
- Choke may be either positive or adjustable. Choke spool may be used between rams.

NOT
AUTHORIZED SJS

DIAGRAM 1