

THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- All preventers to be hydraulically operated with secondary manual controls 1. installed prior to drilling out from under casing.
- 2. Choke outlet to be a minimum of 4" diameter.
- 3. Kill line to be of all steel construction of 2" minimum diameter.
- 4. All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.
 - 5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
 - 6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
 - 7. Inside blowout preventer to be available on rig floor.
 - 8. Operating controls located a safe distance from the rig floor
 - 9. Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full. .
 - 10. D. P. float must be installed and used below zone of first gas intrusion.