

## THE FOLLCHING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- 1. All preventers to be hydraulically operated with secondary manual contreinstalled prior to drilling out from under casing.
- 2. Choke offet to be a minimum of 4" diameter.

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- 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 equivalto 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. Nole must be kept filled on trips below intermediate casing.

10. D. P. float must be installed and used below zone of first gas intrusion



