



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. ALL PREVENTERS TO BE HYDRAULICALLY OPERATED WITH SECONDARY MANUAL CONTROLS 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. OPENING BETWEEN RAMS TO BE FLANGED, STUDDED, OR CLAMPED.
5. ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
6. THE AVAILABLE CLOSING PRESSURE SHALL BE AT LEAST 15% IN EXCESS OF THAT REQUIRED WITH SUFFICIENT VOLUME TO OPERATE THE B.O.P.'s.
7. ALL CONNECTIONS TO AND FROM PREVENTER TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE B.O.P.'s.
8. UPPER & LOWER KELLY COCK TO BE INSTALLED ON KELLY. USE MUD SCREEN IN LOWER VALVE.
9. INSIDE BLOWOUT PREVENTER TO BE AVAILABLE ON RIG FLOOR.
10. DUAL OPERATING CONTROLS - ONE LOCATED BY DRILLERS POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.
11. KILL LINE FOR EMERGENCY USE ONLY - NOT TO BE USED FOR FILL UP.
12. STOPPING VALVES FOR ALL CONNECTIONS IN DRILL STRING TO BE LOCATED ON RIG FLOOR.
12. HOLE MUST BE KEPT FILLED ON TRIPS BELOW INTERMEDIATE CASING. OPERATOR NOT RESPONSIBLE FOR BLOWOUTS RESULTING FROM NOT KEEPING HOLE FULL.
14. A PIPE FLOW MUST BE INSTALLED AND USED BELOW ZONE OF FIRST GAS INTRUSION OR