

BELOWTOUT DRILLS

The following is the procedure for pit drills while drilling and tripping pipe.

I. Preparation:

A. Inside B.O.P.'s

1. See that inside B.O.P.'s are placed on drilling rig floor prior to drilling.
2. Pipe threads will be in good condition, clean and doped.
3. Valve will be clean and not cut.
4. Plunger will be set so that the valve remains open until the inside B.O.P.'s are tightened into the pipe string.
5. The Kelly cock safety valve, better known as the "Below kelly valve" will be on the kelly all the time and in an open position.
6. Be sure the right wrench is available to fit the cock.

B. Master Valve, B.O.P.'s, spools, valves, choke manifold, and kill lines.

1. System will be tested once per week.
 - a. B.O.P. 900 series - 2500 psi
 - b. B.O.P. 1500 series - 5000 psi
2. Grease and work all valves once per week and keep plugs in good repair.
 - a. Grease plug valves while open, then close, then leave open. These should be pumped through with mud before each trip to insure no plugging occurs.
 - b. When two valves are used in a line, always use the outside valve so it can be changed in the event it becomes cut out.
3. Choke sizes will be clearly marked on chokes of choke manifold.
4. Wrenches used to open and close valves on choke manifold will always be on the valves or easily accessible.
5. Ram locking controls will be properly installed on all B.O.P.'s.
6. Use tees with bullplugs rather than cills in manifolds.

C. Accumulator tests will be held weekly along with the B.O.P. test.

1. Accumulator pressure will be kept at a minimum of 1500 psi. 700 psi on hydril (to protect rubber).