

PROCEDURE WHEN DRILLING

- I. 1) Watch mud returns at all times. Including pits, flow meters, and pit level recorders (totalizer). At any increase in pit level or indication of increased mud returns, pick up, shut down pump and visually watch for mud flow at end of flow line. Observe for 5 minutes to be sure well is not kicking.
- 2) IF well is kicking - pick up and position tool joint approximately 3' above the rotary table.
- 3) Close Hydril.
- 4) Close all chokes (positive, adjustable, hydraulic) and all valves next to the drilling spool. Check to be sure well is completely shut in.
- 5) Notify the Company Representative and Rig Superintendent immediately. DO NOT leave the rig floor. Send a crewman if necessary.
- 6) Start raising the mud weight of the entire surface mud system (all pits).
- 7) Record the stand pipe and casing pressure at 5 minute intervals. If necessary to read casing pressure, open the valve or valves next to the drilling spool. Make certain that no mud is allowed to flow from the hole.
- 8) IF stand pipe pressure reaches _____ pounds close Kelly cock. *
- 9) Keep well shut in while waiting for further instructions.

* Limiting pressure dependent on depth of last casing string in hole with maximum pressure limit to be the pressure rating of BOP stack in service.