

- G. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- H. Drill string safety valve(s) to fit all pipe in the drill string are to be maintained on the rig floor while drilling operations are in progress.
- I. Blowout prevention drills are to be conducted as necessary to assure that equipment is operational and that each crew is properly trained to carry out emergency duties. All BOP tests and drills are to be recorded in the driller's log.
- J. The maximum pressure to be allowed on blowout preventers during well control operations is to be posted for each casing string.
- K. The characteristics, use, and testing of drilling mud and the conduct of related drilling procedures shall be such as are necessary for well control. Quantities of mud materials sufficient to insure well control shall be maintained, readily accessible for use at all times.
- L. When coming out of the hole with drill pipe, the annulus shall be filled with mud before the mud level drops below 100 feet. The volume of mud required to fill the hole shall be watched, and any time there is an indication of swabbing, or influx of formation fluids, proper blowout prevention precautions must be taken. The mud shall not be circulated and conditioned except on or near bottom, unless well conditions prevent running pipe to bottom.
- M. From the time drilling operations are initiated and until drilling operations are completed, a member of the drilling crew or the toolpusher shall maintain rig floor surveillance at all times, unless the well is secured with blowout preventers or cement plugs.

#### 6. REPORTS:

- A. The following reports shall be filed with the District Engineer within 15 days after the work is completed:
  - (1) Five copies of Sundry Report, Form 9-331, giving complete information concerning:
    - (a) Setting of each string of casing. Show size, grade and weight of casing set, size hole, depth set, amount and type of cement used, whether cement circulated, top of cement behind casing if determined, depth of cementing tools if used, casing test method and results, and date work was done. Show spud date on first report submitted.
    - (b) Intervals tested, perforated, acidized, or fractured and results obtained. Show date work was done.
  - (2) Four copies of Well Completion Report, Form 9-330. Show formation tops, drill stem test information, completion data, and production tests. Show all oil and gas zones and important water sands under item 37. Data on water sands should include rate of water inflow and elevation to which water rose in hole.
  - (3) Two copies of all electrical and radioactivity logs run.

#### 7. DRILLER'S LOG:

- A. The following shall be entered in the daily driller's log:
  - (1) Blowout preventer pressure tests including test pressures and results.
  - (2) Blowout preventer tests for proper functioning.
  - (3) Blowout prevention drills conducted.
  - (4) Casing run, including size, grade, weight and depth set.
  - (5) How pipe was cemented, including amount of cement, type, whether cement circulated, location of cementing tools, etc.