

A SAFETY VALVE ASSEMBLY FOR A PRODUCTION TUBING

ABSTRACT

The present disclosure relates to a safety valve assembly for a production tubing. The safety valve assembly comprises a flow tube configured to move between an open position, in which fluid flow into the production tubing is allowed, and a closed position, in which fluid flow into the production tubing is restricted. The safety valve assembly further comprises a piston installed along the production tubing uphole from the flow tube. The piston is operable to move the flow tube from the closed position to the open position and to retain the flow tube in the open position. The safety valve assembly also comprises a piston actuator operatively connected to the piston, wherein the piston actuator is configured to operate the piston.

Figure 3