ABSTRACT OF THE DISCLOSURE

A method is provided for controlling operation of a subsurface hydraulically operated well tool. In a described embodiment, a surface controlled subsurface safety valve is controlled by means of two control lines. The control lines are hydraulically connected to respective ones of two pistons in the safety valve. Pressure applied to either of the two pistons is capable of independently operating the safety valve. In normal operation, pressure is applied to both of the pistons. However, when a failure occurs in one of the control lines, the other may still be used to operate the safety valve.