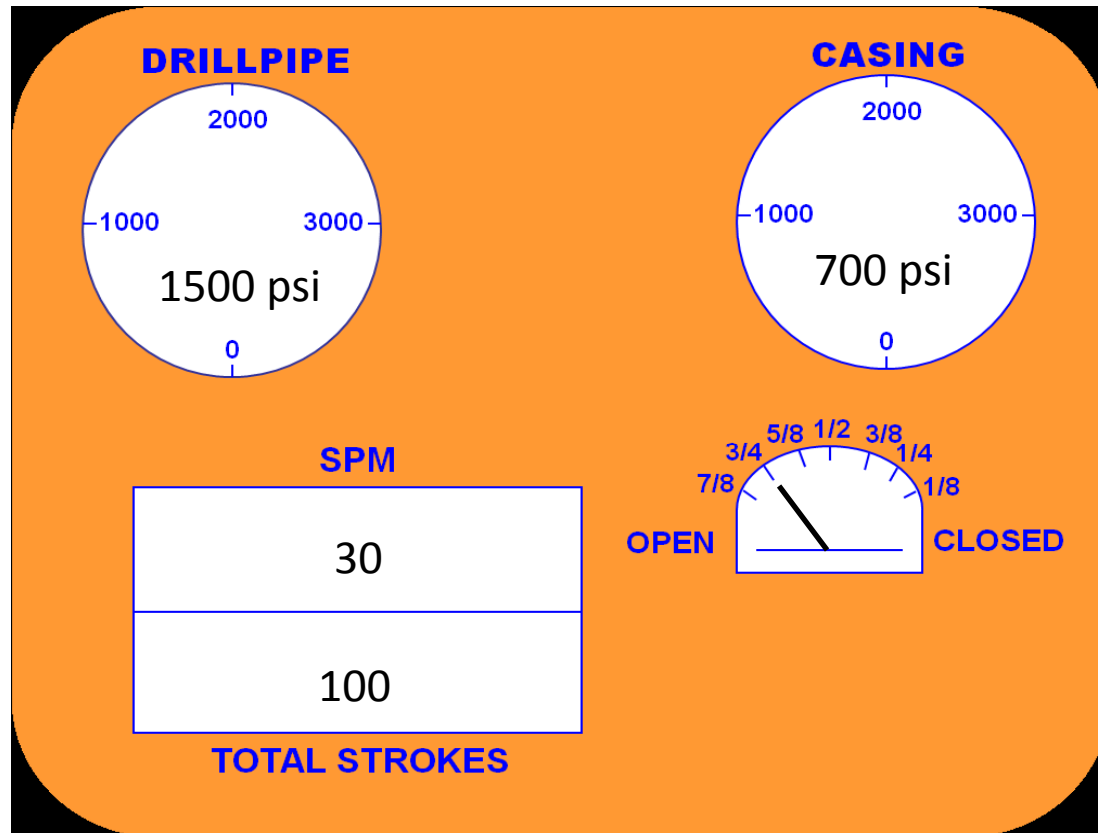


The following should help explain IWCF answers to the gauge exercises that cause problems.

1. Fully opened choke.
2. Changing pump rate than choke function – Increase pump rate than 2nd action opening choke
3. Decrease pump rate than 2nd action closing choke

Fully opened choke. ICP is 1500. Larry L showed me this one the first time I worked for RSTS. A choke function had just been performed during the first circulation of the drillers method. The well was being killed at 30 SPM.

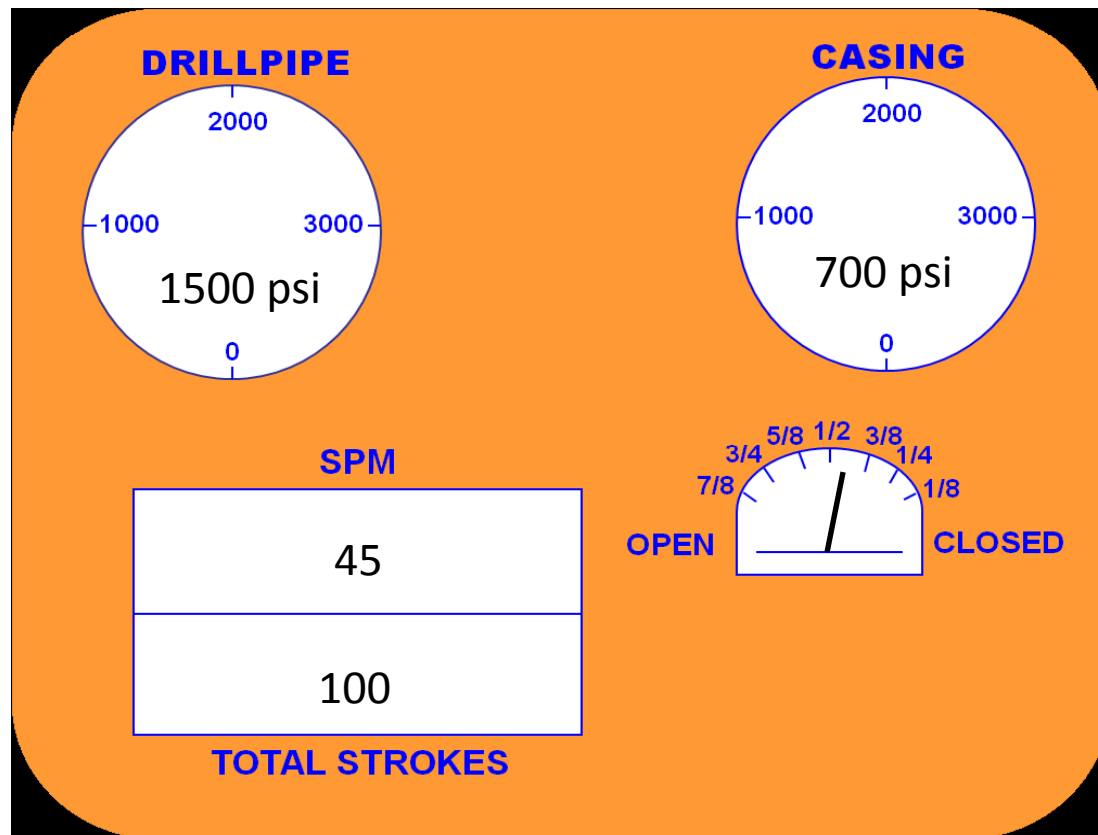


Answer is close the choke because the drill pipe gauge has not responded to the choke manipulation

ICP is 1500.

The well was being killed at 30 SPM.

The pump rate is too high.



First response

1. Slow down the pump

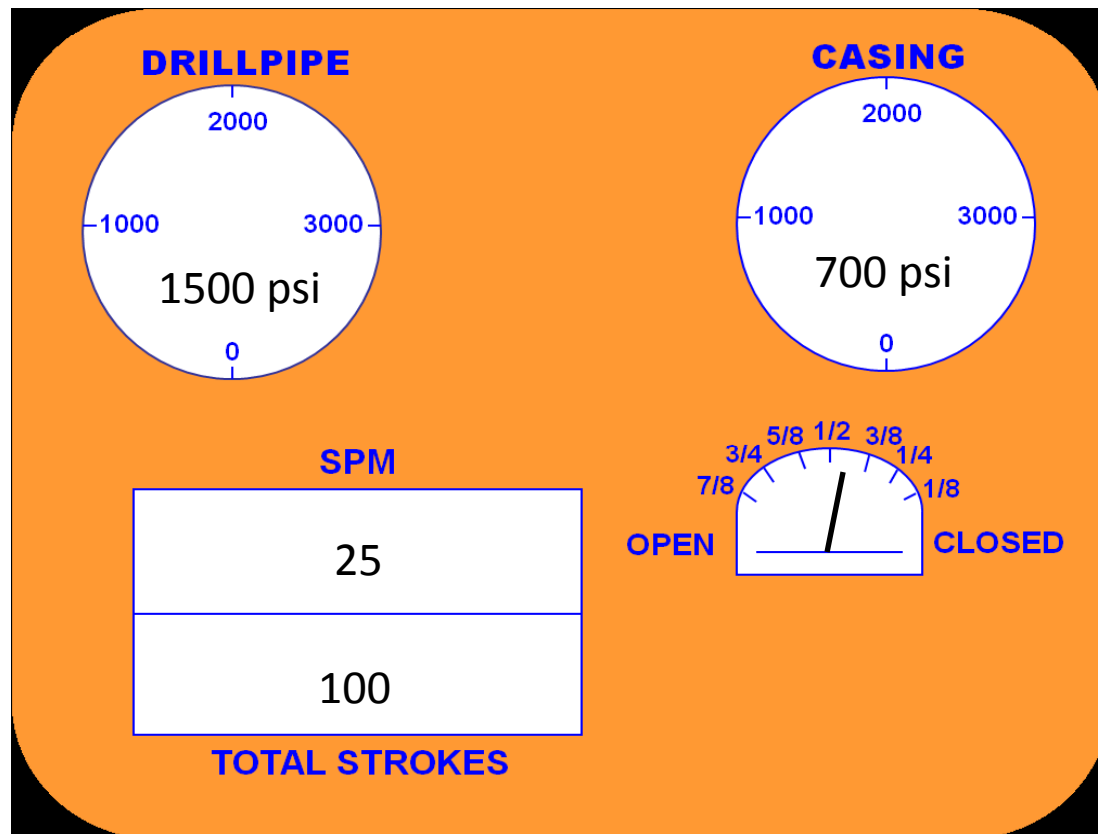
Second response

2. Close the choke because the drill pipe pressure will drop when you slow down the pump.

ICP is 1500.

The well was being killed at 30 SPM.

The pump rate is too low.



First response

1. Speed up the pump

Second response

2. Open the choke because the drill pipe pressure will rise when you speed up the pump.