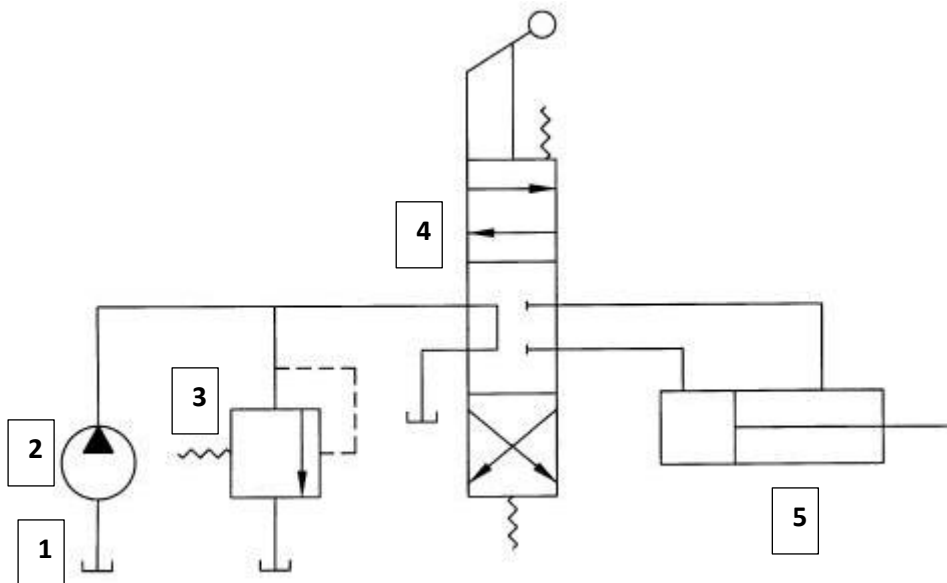


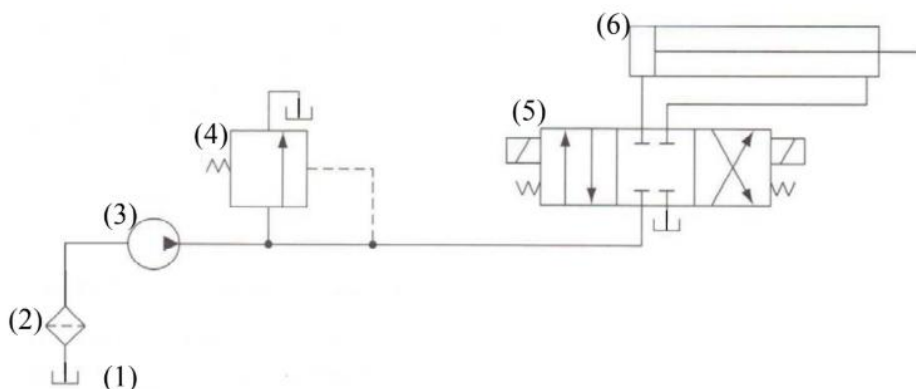
Sheet 5

1. Write the name of each component in the hydraulic circuit below and state their functions

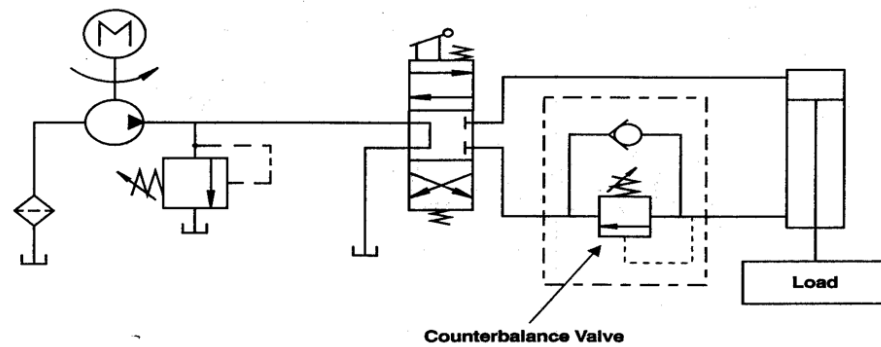


2. Write the name of each component in the following hydraulic circuit and state their functions.

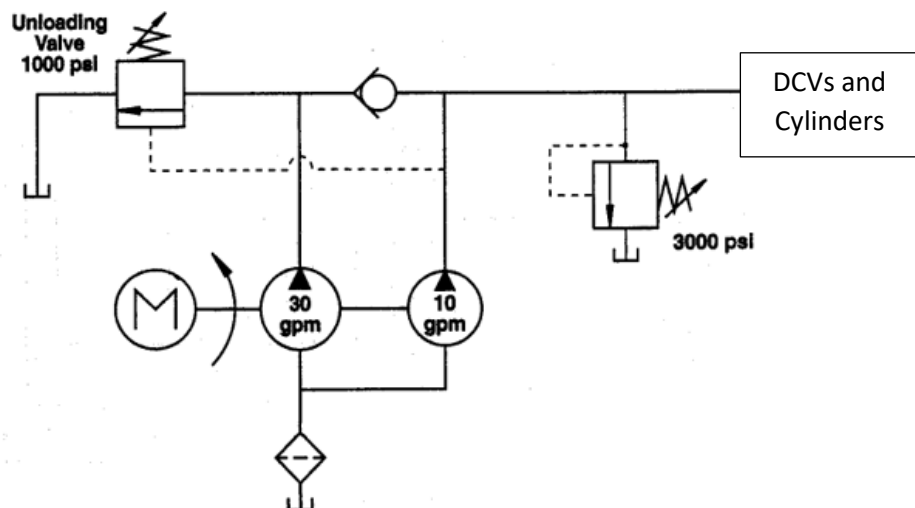
Explain what happens when the solenoids in 5 are activated.



3. What is the function of counter balance valve in the following circuit?



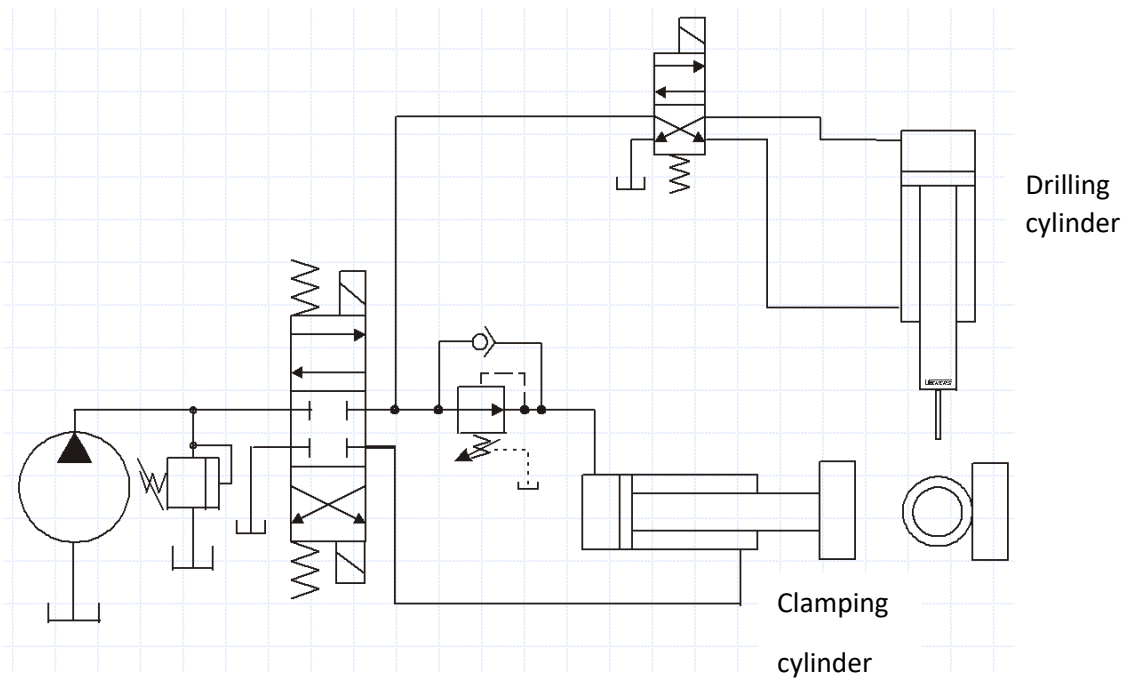
4. What is the function of unloading valve in the following circuit?



5. Explain this Clamp and drill hydraulic circuit.

Modify the circuit to:

- Control the extension speed of the drill and let retraction speed maximum.
- Eliminate power lost in PRV during locked position.
- Re-install a filter in return line that may be blocked at any instant



6. Explain this circuit (Sequence Cylinders)

