**SEQUENCE 1 — Valve 1 Position 1**

- Circulate Process
- Purge Liquid Sample Cylinder and Sample Bottle

**SEQUENCE 2 — Valve 1 Position 2**

- Liquid and Gas Separated in Liquid Sample Cylinder
- Purge Liquid Sample Bottle
- Gas Sample Flows Through Gas Cylinder

**SEQUENCE 3 — Valve 1 Position 2**

- Block Top Valve on Gas Sample Cylinder
- Purge Liquid Sample Bottle
- Turn on Pump to Fill Cylinder

**SEQUENCE 4 — Valve 1 Position 2**

- Block Bottom Valve on Gas Sample Cylinder
- Turn Off Pump
- Remove Gas Sample Cylinder
- Open Valve on Bottom of Water Knock Out to Drain Liquid

**SEQUENCE 5 — Valve 1 Position 1**

- Circulate Process
- Move Liquid Sample from Cylinder to Bottle with Carrier

**SEQUENCE 6 — Valve 1 Position 1**

- Turn Purge Off
- Remove Sample Bottle
- Close Valve Below Water Knock Out