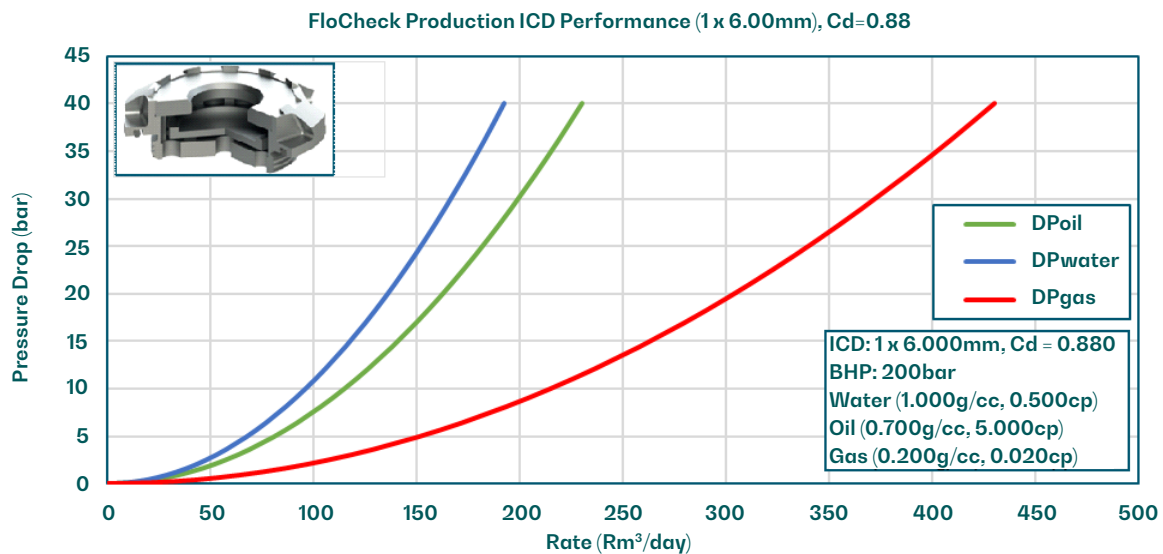


FloCheck Production not only offers all functions of conventional ICDs but also provides a permanent check-valve capability. Mounted on a joint/screen, FloCheck Production enables autonomous production management by preventing crossflow from higher-pressure zones into lower-pressure zones in multi-zone/layer producers with varying levels of depletion.

FloCheck Production features a nozzle inlet and free-floating disc. During production flow, the disc is pushed away from the inlet, allowing fluid to pass through. If the flow reverses, the disc seals against the inlet, effectively blocking backflow. The device remains closed as long as an overbalance pressure is present. Once this overbalance is removed, either by putting the well on production or after sufficient depletion of the higher-pressure zone, the disc moves away from the seat, enabling flow from the lower-pressure zone.

Originally developed and qualified for high-rate, multi-layer gas wells, FloCheck Production can be applied to both new and existing wells. The device is particularly valuable for enabling full well perforation and completion at once therefore eliminating the need of re-entry for sequential perforation in multi-zone, multi-pressure wells.



FEATURES AND BENEFITS

- **WITHSTANDS** high rates and high pressure drops
- **DENSITY DEPENDANT** functionality behavior
- **APPLICABLE** for both carbonate and sandstone reservoirs - Shut-off option - SSD
- **CHECK FUNCTIONALITY** allows for wash pipe free fluid circulation and powering motors
- **COMPATIBLE** with TAQA's plug and play portfolio

