



Multifunction downhole barrier plug/valve

We have filed a patent application on a new product, that can be used in wellbores where a downhole barrier (plug or valve) are requested either as wireline inserted or as an integrated part of the well completion string.

A downhole plug/valve that will save considerable sums for the E&P companies

WHAT IF IT WORKS™

Features:

- * Wireline or coiled tubing installed/retrieved, or integrated as a well completion component
 - * As wireline installed barrier, the unit can use locks or slips, depending on well completion features present
- * Will hold pressure from below
- * Pressure equalizing or pumping through closed plug is possible by pumping fluids into well above barrier
- * A barrier that can be opened and closed as many times one wants, without any wellbore interventions
 - * No need to mobilize a wireline crew, loose production etc. while rigging up, running into well, etc., to open or close the valve
- * A barrier that can be used in addition to bullheading the reservoir for well completions/recompletions or installation of insert technologies within existing tubing (as e.g. our own insert gas lift solution)
- * No electronics or batteries
- * No cable or control line to surface

Technology background:

Working with a North Sea operating company on our insert gas lift solution, a requirement for a downhole barrier in addition to bullheading (killing) the well came up. We thereafter came up with a solution to achieve this.

The solution is based on using standard components available from a number of wireline/well completion component suppliers, introducing a new innovative component and combining these.

We are seeking partners to design, build, qualify and introduce this product to the global wellbore market.

... system performance.

Contact us with your challenges!