

Product Sheet: Intelligent Barrier Valve (IBV)

Product Description

The IBV is an intelligent downhole barrier valve designed to complement plugging devices, enhancing and adding efficiencies to operations by reducing interventions. It is a multicycle valve qualified to Vo according to ISO14310.

The IBV meets the market's need for an 'on demand' barrier, ensuring reliable pressure integrity when required. It may be commanded open to allow flow control access through the valve to safely equalize, circulate, or produce. Multi-cycling is possible without intervention/control lines by in-well communication or sequential programming of Interwell's intelligent software. The software detects commands reliably, allowing the operator to 'talk' with the valve downhole through applied pressure, hydrostatic pressure, timers, etc. The command setup can be tailored for any application.

Utilizing the technology within the IBV reduces operational risk, reduces cost and increases possibilities for multiple well operations.

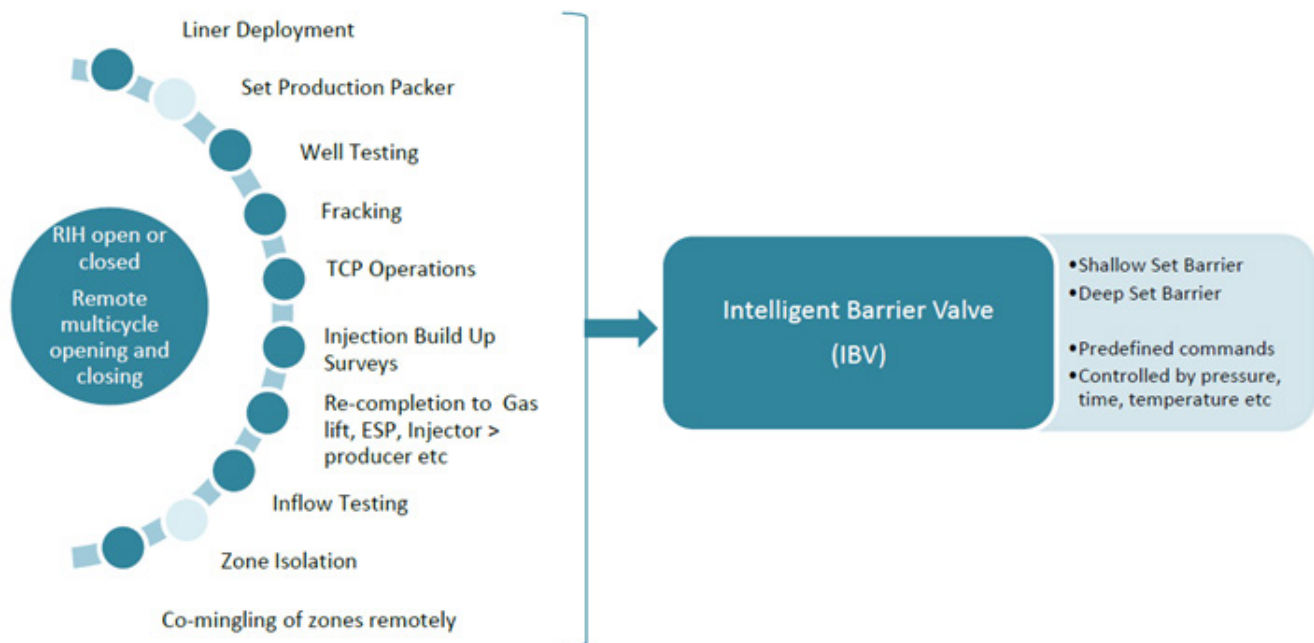
Product Benefits:

- Well logging capabilities
- Multiple open/close feature
- Intelligent software with Bluetooth connection – easy to change set-up
- Qualified to ISO14310 Vo
- Flow capabilities verified through extensive flow testing
- Idealized flow path – low pressure drop
- Extensive Battery life
- Activation flexibility (pressure, time, hydrostatic)
- Other options may be available upon request
- Debris tolerant

Reduce Risk
Reduce Cost
Increase Possibilities

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Product Application



Technical Specifications

	Imperial	Metric
OD	3.25"	82.6 mm
ID	1.67"	42.3 mm
Length	77.17"	1.96 m
Max absolute pressure	10,000 psi	689 bar
Max differential pressure	7,500 psi	517 bar
Max differential pressure when opening	3,000 psi	207 bar
Max temperature	302°F	150°C
Max flow rate	9.44 bbl/min	1,500 l/min
Rating per ISO 14310	Vo	