

EquiFlow® Sliding Side-Door® Inflow Control Device

Halliburton's EquiFlow® Sliding Side-Door® inflow control device with PetroGuard® sand screen combines inflow control device technology with mechanical sliding sleeve functionality to provide a system that stabilizes the production of fluids and has the flexibility to allow selective shut-off sections of the production interval, providing a simple and robust system for controlling and isolating flow while ensuring reliable sand control.

Sliding Side-Door® sleeves are a robust and reliable method of isolating the tubing ID from the reservoir for a variety of reasons including but not limited to, fluid loss control, activation of hydraulically set down hole tools, zonal stimulation and production and ICD shutoff for ultimate production control.

Inflow control devices (ICDs) have proven to be valuable assets in balancing the influx profile in long horizontal wells. Whether it be eliminating the heel-toe effect or mitigating high permeability variances from zone to zone, the ICD is a cost effective solution that reaps large rewards in total oil recovery over the life of the well.

Halliburton's EquiFlow ICD provides the ability to balance the inflow from high productivity zones with that from low productivity zones. This increases overall productivity and ultimate recovery, delaying unwanted water or gas production.

The adjustability of the EquiFlow ICD allows the operator to change pressure drop settings on the fly with ease and reduces stocking costs and logistics as a single EquiFlow Sliding Side-Door ICD can cover a wide range of production scenarios.

Combining the ICD with a sliding sleeve allows selective intervention with a mechanical shifting tool to shut-off and re-open ICDs along the length of the producing interval.

Modularity of the system allows for adding, changing and removing all aspects of the tool from the Sliding Side-Door sleeve function to the ICD capability to the type of sand screen required. The system as a whole can function with all three or just one of any of the components.

Features

- Sliding Side-Door ICD functionality
- ICD adjustability capability
- Standard Sliding Side-Door sleeve shifting profiles
- Variety of sand control screens available

Benefits

- Balanced production fluid influx
- Delay of water and gas breakthrough
- Fluid loss control
- Full shutoff of ICD

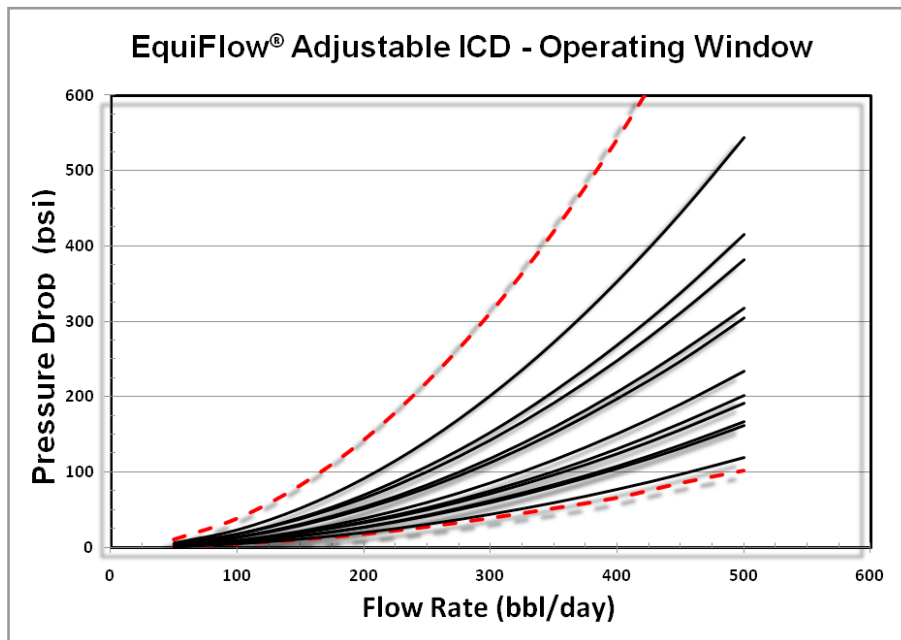


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Basepipe OD	3 1/2 in.	4 1/2 in.	5 1/2 in.
Max OD	4.75 in.	5.75 in.	6.75 in.
ICD OD	4.625 in.	5.625 in.	6.625 in.
Sliding Side-Door ICD Module Length	80.5 in.	80.5 in.	80.5 in.
PetroGuard® Wrap Screen OD	3.900 in.	4.900 in.	5.900 in.
PetroGuard® Mesh Screen OD	4.286 in.	5.300 in.	6.314 in.
Standard Temperature Range*	325°F (160°C)	325°F (160°C)	325°F (160°C)
Sliding Side-Door Sleeve Hone Bore**	2.813 in.	3.813 in.	4.562 in.
Units Per Well	Simulation used for optimization		
Flow Rate Through Each Unit	Dependent on ICD settings		
Max Pressure Across Sliding Side-Door Sleeve	Dependent on design		

*Higher ratings available upon request

**Additional hone bores available upon request



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For more information on the EquiFlow® Sliding Side-Door® ICD, contact your Halliburton representative or email screens@halliburton.com.

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