

## Interventionless Isolation System

Superior Completion Services' **Interventionless Isolation System** facilitates optimal formation treatment and gravel placement by achieving positive, selective, post-treatment zonal isolation without the use of wash pipe or mechanical shifting tools.

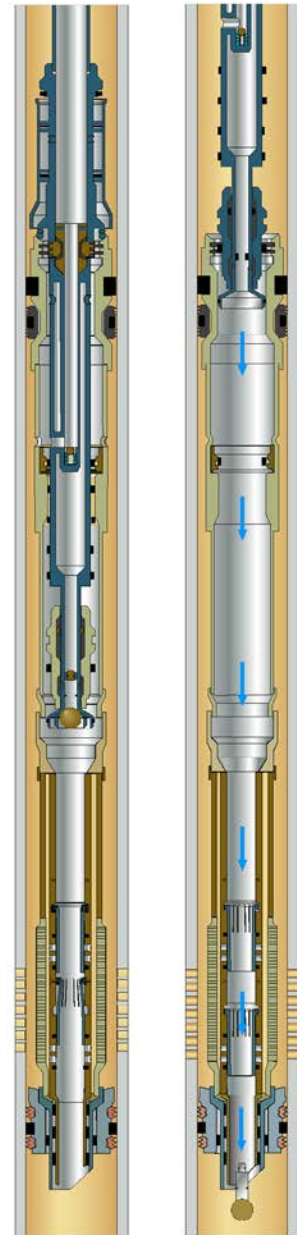
The system is compatible with Superior Completion Services' patented pressure-actuated isolation valves that allow wells to be placed on production without mechanical intervention. Eliminating the need for wash pipe and shifting tools reduces operational risks, as well as initial installation costs and rig time required for deployment. Gravel pack circulation is accomplished through a mechanical sleeve located at the bottom of the production screen. Once the job is completed, an actuation ball is released from the service tool closing the circulation sleeve and isolating the completion. Later, conventional production sliding sleeves are opened for production.

### APPLICATIONS

- Zonal isolation
- Single or selective multizone completions

### Features and Benefits

- Does not require wash pipe or shifting tools
- Provides optimum fluid loss protection and zonal isolation
- Can use mechanical or hydraulic sliding sleeves for production
- Soft-actuating valves eliminate pressure surges to the formation



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### TECHNICAL DATA

Interventionless Isolation System*							
Screen Size		Isolation String OD		Isolation Sleeve ID		Compatible Packer Bore ID	
inch	mm	inch	mm	inch	mm	inch	mm
3.50	88.9	2.87	73.0	2.313	58.8	3.25	82.6
						4.00	101.6

\* The tool is compatible with all current Superior Completion Services' zone isolation valves, including the mechanical multi-service valve, pressure-actuated circulating valve, annular flow valve and radial flow valve.

#### REFERENCES

- Multi-service valve data sheet
- Pressure-actuated circulating valve data sheet
- Annular flow valve data sheet
- Radial flow valve data sheet