Unrivaled domain expertise
Our experts from multiple disciplines provide you with the most extensive, up-to-date knowledge to help you make informed decisions about your multistage designs.

Greater Recovery from Every Unconventional Reservoir

Optimize Reservoir Contact
The complex nature of carbonate reservoirs demands a high level of reliable control over multistage stimulation operations. Our products and systems are designed to divert fluids across all entry points and extend treatment farther out into the formation.

Perform Highly Targeted Treatments
Operational efficiency plays a key role in improving the marginal economics of coalbed methane reservoirs. In these environments, our approach is to create a high volume of small fractures in one continuous operation, making stimulation a quick, cost-effective procedure.

Achieve the Most Effective Fracture Network
The quantity of hydrocarbons drained from the reservoir is a direct result of the effectiveness of each fracture generated. Schlumberger multistage stimulation systems address this by using the optimal number of entry points and spacing per stage.

Access Highly Laminated Intervals
The key to successfully stimulating the many laminations in tight sands is to target each with its own stage. Cost-effective stimulation is achieved by using an interventionless system that can rapidly and efficiently stimulate many stages.

Efficiency at every stage

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**Isolate and Contact, Efficiently and Continuously**

The volume of hydrocarbons produced depends largely on the placement and success of your fractures. In vertical or horizontal wells, our approach ensures that effective contact is achieved precisely and efficiently.

**Isolate**
Schlumberger achieves internal and external casing isolation under even the most difficult reservoir conditions. Our robust ball, plug, and packer systems can withstand high pressures and temperatures, and they are easily removed after treatment. The precision with which our tools set and seal on target helps ensure that every stage is isolated effectively. Many of our systems allow every stage to be stimulated efficiently in a single, continuous pumping operation.

**Contact**
Our interventionless approach to reservoir contact involves creating fluid entry points that ensure fluid flow into the formation based on reservoir conditions while minimizing the time spent between stages. Schlumberger has developed technologies such as helical slots that reduce the fracture initiation pressure. This reduction allows a fracture to be initiated effectively at every entry point.

**Single-zone, horizontal wells with multiple stages**
Stimulating all stages effectively involves directing fluid into each exit point along the casing within a stage and ensuring isolation between each stage. We understand the issues and provide flexible system options to suit your reservoir conditions and project budget. Work with us to be sure of optimal stage placement and spacing, with reliable systems that work the first time, every time.

**Greater efficiency, lower impact**
Schlumberger can help minimize the resource consumption and environmental impact of your operations and reduce downtime between stages.