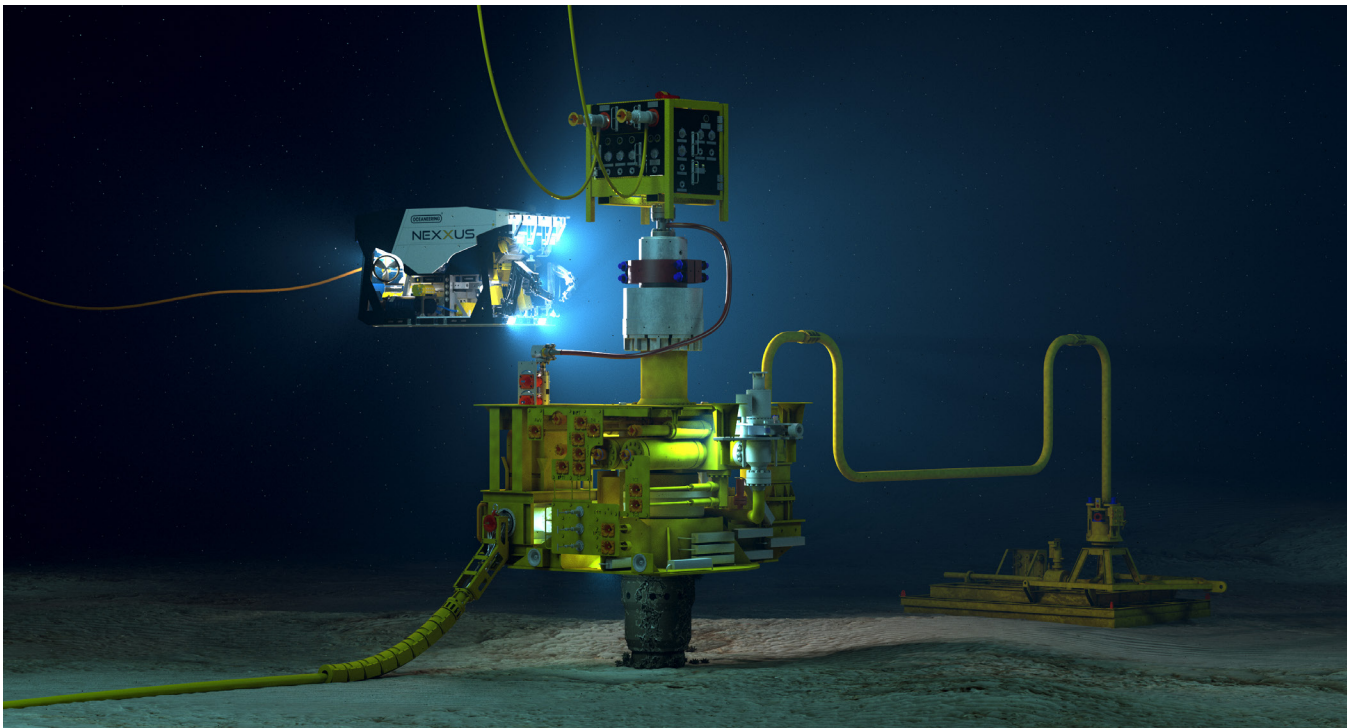


# Rigless Well Stimulation

Cost-effective and tailored solution



## FEATURES

**Multi-service vessel (MSV) deployed**

**ROV-friendly interface, design, and operation**

**Remote emergency quick-disconnect and dual barriers**

# Rigless Well Stimulation

## Cost-effective and tailored solution

With more than 20 successful campaigns and 100 wells stimulated since development of the industry's first subsea rigless stimulation system in 2006, Oceaneering offers the industry's most effective, safe, and reliable MSV-based well stimulation solution. Restore production and protect assets from further well blockage or damage with Oceaneering's well stimulation tool that enables maximum flow.

Well stimulation restores production by pumping a specialty fluid mixture from the deck of the MSV, through coiled tubing and the well stimulation tool, and into the well to dissolve sediment buildup. This enables safe access to the production system to inject chemicals into the well or depressurize the pipeline. Compared with traditional rig-based well stimulation, MSV-based operation saves mobilization time and overall costs, and with the same amount of control.

### Additional Features

- » Comprehensive and responsive solution
- » Global presence ensures quick vessel deployment and the most efficient and cost-effective mobilization of equipment
- » Field-proven suite of products and service lines including vessels, engineering analysis, tooling, ROVs, and project management for a tailored solution
- » Multi-well campaigns are a cost-effective way to use the well stimulation method, thereby reducing vessel mobilization

#### Design Parameters

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Design pressure                   | Up to 15,000 psi / 1 034 bar     |
| System flow                       | Up to 25 bbl/min   1 050 gal/min |
| Working depth                     | 10,000 fsw / 3,000 msw           |
| API 6A PSL 3G compliant           | Yes                              |
| API 6A Class U compliant          | Yes                              |
| NACE MR0175 / ISO 15156 compliant | Yes                              |

■ [oceaneering.com/well-intervention/well-stimulation/](https://oceaneering.com/well-intervention/well-stimulation/)