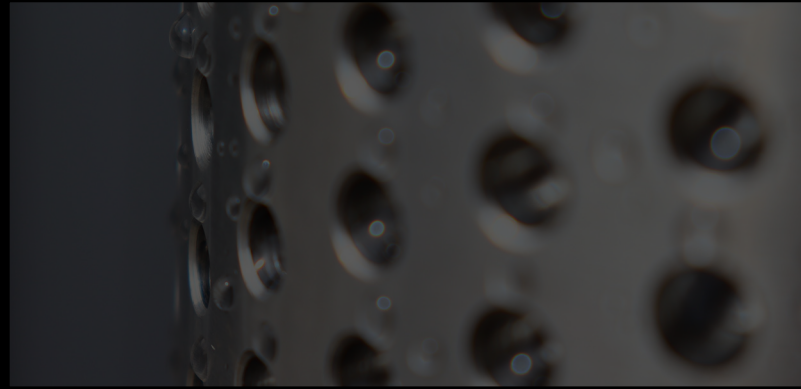


BULLHEADING JETTING SLEEVE



The Oilenco Bullheading Jetting Sleeve is a dual technology scale treatment tool that combines traditional soak methods and targeted 'jetting' at critical components within a tubing retrievable subsurface safety valve (TRSSSV).

PRODUCT FEATURES

- Dual technology solution: soaking and jetting
- Multi jet sub system targeting critical components within the TRSSSV
- Repeatable process of pump, soak, pump, soak...
- Slickline deployed, minimum intervention
- Constant replenishment of scale treatment fluid

HOW IT WORKS

Designed with a minimum of two jet subs, the system is preconfigured to target key mechanical components within the TRSSSV before being deployed into the well on slickline.

"the dual benefit of soaking and targeted jetting"

Each jet sub consists of an array of micro nozzles that create a 360° jetting pattern. By positioning two or more jet subs at key locations within the safety valve (i.e. flow tube, exercise profile, flapper, etc.) scale dissolver can be precisely targeted at critical areas within the TRSSSV where scale build up could be affecting the functionality of the valve.

Between each jet sub, there is a flowrate sensing valve that directs fluid to either the upper or lower jet sub depending on the velocity of the fluid passing through it. When pumping stops, the jetting stops. When not jetting, the bullheading jetting sleeve reverts to a conventional soak arrangement, allowing the scale dissolver to soak into the scale. As soon as surface pumping is reintroduced, the jet subs become active and intense fluid agitation can recommence.

"a time-saving, effective scale removal tool"



Bullheading jetting sleeve inside a TRSSSV

Scale dissolver volume and the duration of the operation can be precisely configured and executed, and due to the simplicity of the tool, the jetting sleeve requires no specialist training.

Even with the bullheading jetting sleeve installed, the TRSSSV flow tube can still be hydraulically functioned.



FURTHER INFORMATION

To speak to one of the Oilenco team about your challenges, or for more information regarding the **bullheading jetting sleeve**, call +44 (0)1224 548700 or email info@oilenco.com.