



FracPORT Sleeve

OVERVIEW

The FracPORT™ sleeve is a ball-actuated, hydraulically activated injection/production port. It is run between two RockSEAL® II packers to allow specific zones of the wellbore to be isolated and selectively fractured. There are a variety of ball seat sizes, allowing multiple FracPORT sleeves to be run in sequence. After stimulation, the balls are flowed back and the well can be immediately put on production. If desired, the ball seats can be milled out based on the operator's completion requirements.

OPERATION

The FracPORT sleeve is assembled in the completion string, according to the well requirements, and run into the wellbore to the planned depth. The appropriate ball size is inserted into the string and pumped down onto the seat. The tool string is then pressured up causing the FracPORT sleeve to open allowing stimulation fluid to be injected into the annulus. After stimulation, the ball can be flowed back and, if desired, the ball seat can be milled out.

APPLICATIONS

- Open and cased hole
- Horizontal and vertical wells
- HPHT and sour service
- Selective fracturing and production

CAPABILITIES

- Ball-actuated, hydraulically activated
- Can be run in multiples to fracture several independent zones
- Lower zones are isolated by increasing ball and seat sizes
- Adjustable activation shear
- Sleeve is locked in place upon opening
- Ports provide a flow area greater than the liner
- Ball seat can be quickly milled out in open or closed position
- Field-proven resistance to abrasion and erosion
- Corrosion resistant design available