

RAPTOR

STRADDLE PACKER SYSTEM

DESCRIPTION

RAPTOR Straddle System, the mechanical set packer assembly designed exclusively for cased hole applications. This innovative system offers a fast and cost-effective solution for remediating older wells and enhancing the performance of underperforming zones.

The RAPTOR Straddle System is engineered to simplify the process of refracturing and remediating wells. By incorporating multiple types of packer elements, this system provides a comprehensive solution for zone isolation and stimulation.

RAPTOR Straddle System enables to operate with ease through simple reciprocating motion. Packers are set by applying set-down weight, ensuring a secure and reliable seal. Unsetting the packers is achieved with a straight pull, cycling the J-lock to the running position.

The RAPTOR System can be configured with multiple perforating systems, including a sand-jet perforator or a hydraulic puncher. This versatility allows for selective zone stimulation, enabling you to precisely target specific areas for optimal results. With the ability to perform 20+ fracturing stages during a single run by coiled tubing (CT) or workover tubing, the Raptor Straddle System maximizes efficiency and minimizes operational costs.

FEATURES

- Mechanical reusable packers
- Reducing the risk of damage of the packer while running and passing through drilled ball sleeves
- Suitable to operate with BPS sleeves
- Designed to refrac jobs
- Water and gas zones isolation
- Different sizes available
- Selective acid treatments
- Ability to combine with Sand-Jet perforator to Jet perforate and stimulate in one run
- Ability to combine with puncher to punch perforate the casing and stimulate in one run
- No balls to drop or circulate out

Min Working Diametr in - [mm]	Max Working Diametr in - [mm]	Packer OD in - [mm]	Packer ID in - [mm]	Pressure Rating Psi - [Bar]
3.48 - [88.4]	3.55 - [90.12]	3.25 - [82.55]	1.94 - [49.28]	10000 - [689]
3.826 - [97.18]	4 - [101.6]	3.65 - [92.71]	1.94 - [49.28]	10000 - [689]
5.625 [142.8]	6.25 [158.8]	5.5 [139.7]	2.68 - [68]	10000 - [689]

