

18-3/4" Annular Stripper Packer

Cameron 18-3/4"-10,000 psi Annular BOP

Subject

18-3/4" Annular Stripper Packer for the Cameron
18-3/4"-10,000 psi Annular BOP

Purpose

To provide information on the availability and capability of an 18-3/4" stripper packer for the Cameron 18-3/4"-10,000 psi type D/DL Annular BOP.

Details

The 18-3/4" stripper packer P/N 2164645-01 is designed to permit stripping of a 6-5/8" drill pipe and tool joint through the Cameron 18-3/4"-10,000 psi annular BOP. To accomplish the stripping function, the

packer metal inserts tips have been cut back to allow the drill pipe to pass through the closed packer without contacting the metal inserts. This special packer is not rated for 10,000 psi service on any size drill pipe because the tips of the anti-extrusion inserts have been cut back

Pressure testing of this packing element subassembly is limited to 5000 psi on 5" and 6-5/8" drill pipe mandrels.

Because this is a special service packing element, it has not been tested in accordance with API 16A 2nd Edition requirements. A special abbreviated testing protocol was utilized to qualify this stripper packer as follows:

PIPE SIZE	CLOSURES	PRESSURE TESTS	WELLBORE PRESSURE	OPERATING PRESSURE
6-5/8"	72	10	5000 psi	1500 psi
5"	71	10	5000 psi	1500 psi
3-1/2"	35	5	3500 psi	1500 psi

The test protocol called for a 3 minute pressure hold every 7th closure. The packing element subassembly successfully completed the above testing without leakage. The photograph below shows the condition of the packer after completing the testing.