

Value Vision



Large-Bore Hydro Mechanical Bridge Plug provides a single-trip solution to a typical complex operation resulting in substantial cost savings

Recently, the Frank's International Blackhawk Specialty Tools division delivered a simple, efficient solution to a complex deepwater operation. The customer sought a way to streamline the number of downhole tools and reduce rig time and operational costs.

The challenge presented was to install a mechanical barrier in compliance with regional government regulations, perform a negative test operation to certify the barrier, perform wellbore cleanout and displacements, and remove the wear-bushing, all within a single-trip. These operations are required during most wellbore construction operations to ensure well integrity and security are maintained throughout multiple phases of the well.

Our Large Bore Hydro Mechanical Bridge Plug (HMBP), when used in conjunction with our HD and BRUTE® Packers, allows the operator to optimize well integrity operations, while decreasing the number of trips into the wellbore. This tool combination met the challenges of this complex operation while conserving costs.

Our HMBPs and packers maintain an API 11D1 V0 – V6 rating and are fully compliant with global governmental regulations regarding mechanical barriers. Their capabilities make them among the most versatile tools available on the market today.

On a typical deepwater well, this tool combination generates an estimated 40 hours of time savings, resulting in a projected cost savings of \$1,250,000 based on the standard spread costs of a deepwater operation.

Highly effective product suites, including the Large Bore Hydro Mechanical Bridge Plug single-trip system, are available internationally across the Frank's International global network. For more information about this and other well construction, well intervention, and completions tools, please visit franksinternational.com

PRODUCTS/SERVICES

Blackhawk Packer
(4-1/2" - 18")

Blackhawk HMBP
(4-1/2" - 20")

APPLICATIONS

- Permanent/temporary abandonment operations
- Isolation barrier for single-trip negative tests
- Mechanical and cement barrier
- Highly deviated and horizontal wellbores



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