20,000 psi H-Manifold
Addressing high pressures in deep water and ultra-deep water.

Halliburton is addressing the high-pressure conditions encountered in deep formations with a 20,000 psi H-manifold for cementing operations. As exploration intensifies in areas such as deep water and ultra-deep water, downhole conditions are becoming more extreme. This includes more frequently encountering producing zones up to 30,000 psi. Bottomhole conditions at extreme pressures challenge the current cementing-equipment pressure ratings of 15,000 psi. Halliburton's 20,000 psi H-manifold combined with the most reliable pumps in the industry provides the pumping pressure capacity required for safe cementing operations in the more extreme high-pressure formations.

Halliburton's 20,000 psi H-Manifold is used in conjunction with Halliburton's offshore systems that offer well-control pump performance in skid assemblies. Halliburton Cementing offshore systems are type-certified to both ABS-CDS and DNV Drill (n) for Safe Area or Zone II hazardous area classification. All of the offshore pumping systems are capable of pumping at 20,000 by changing the standard 4-in. fluid ends to 3 3/8-in. fluid ends.

- HCS AdvantageOne™ offshore system – diesel or electric
- HCS Advantage™ offshore system – diesel or electric
- HCS COMBO offshore system – diesel or electric

20,000 psi H-Manifold Specifications
- 20,000 psi, maximum
- 3-in. ID H-manifold
- 2-in. ID nominal release line
- 18 bpm maximum flow rate
- 3-in. 2002 (108-in. x 106-in. x 52-in. – 8,000 lbs)
- 2-in. 2002 (84-in. x 94-in. x 27-in. – 2,050 lbs)

For more information on the 20,000 psi H-Manifold for Halliburton offshore systems, please call your local Halliburton representative or email us at cementing@halliburton.com.

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