Weatherford International plc announced the commercial release of the ISO Extreme retrievable well barrier, which is qualified to ISO 14310 V0 standards for gas-tight isolation.

The barrier has a large operational envelope: it is capable of withstanding pressure differentials up to 10,000 psi (68.95 MPa) and temperatures between 40 and 325°F (4 and 163°C), which reduces the loss-of-containment risk in extreme environments. ISO Extreme well barriers are available for tubing sizes from 3.5 through 7 in. The variety of deployment options — including electric line, slickline, tubing and coiled tubing — further increases operational flexibility.

Unlike comparable technologies available for the high-pressure, high-temperature (HPHT) market, the ISO Extreme barrier does not require any nipple profiles and is retrieved by first shifting down to equalize the pressures then jarring up to release. This safety feature reduces the risk of trapped pressure below the plug prior to releasing. Additionally, the small diameter of the plug enables passage through typical wellbore restrictions for easy deployment and removal even in challenging environments.

“We are pleased to add the first V0-qualified and field-proven HPHT well barrier to our industry-leading portfolio of wellbore isolation technologies,” said Mark Hopmann, Vice President of Completions at Weatherford. “With this addition, we now have a comprehensive offering of well barriers for diverse applications and environments.”

About Weatherford
Weatherford is one of the largest multinational oilfield service companies providing innovative solutions, technology and services to the oil and gas industry. The Company operates in over 90 countries and has a network of approximately 860 locations, including manufacturing, service, research and development, and training facilities and employs approximately 29,500 people. For more information, visit www.weatherford.com and connect with Weatherford on LinkedIn, Facebook, Twitter and YouTube.

Weatherford Contact
Kelley Hughes, Director of Corporate Communications, Kelley.Hughes@Weatherford.com
Jennifer Roth, Corporate Communications Manager, +1.713.836.4345, Jennifer.Roth@Weatherford.com