

Press Release: Predictive Driller[®], 8th October 2011

MPO (Managed Pressure Operations) have announced a major step change in Managed Pressure Drilling (MPD) technology.

The Predictive Driller[®] is the next generation of well bore pressure control system in Managed Pressure Drilling to meet the growing challenges of narrow drilling formation pressure margins and unanticipated changes in formation pressure gradients. It can also be used as a tool for shale fracture identification.

The Predictive Driller[®] is a pro-active and preventative system that allows the detection and prediction of changing formation pore and fracture pressure boundaries dynamically during MPD operations.

In a closed loop MPD system, the Predictive Driller system induces a pressure wave in the wellbore on a continuous basis. The average down hole pressure *remains within the MPD target bottom hole pressure* for drilling and *never crosses the set formation pressure margin thresholds*.

The Predictive Driller[®] incorporates new patented methodology to identify the reaction to induced changes of pressure in the wellbore for prevention of formation fluid influx or drilling fluid loss events. Using this unique analysis tool; the new target bottom hole pressure and drilling pressure margins are safely and rapidly re-established before down hole conditions can escalate to a recordable event.

About Managed Pressure Operations International Ltd.

Managed Pressure Operations International Ltd. ("MPO") is an oilfield services company, with locations in Singapore, Dubai, Texas and Indonesia, that provides technologically advanced and cost effective continuous circulation and managed pressure drilling systems, including equipment and operational personnel, to the global onshore and offshore drilling markets. Beyond drilling capabilities, MPO can also provide front end engineering design as well as project and QHSE management for drilling projects ranging from basic land rig operations to deepwater and HPHT operations on floating drilling installations, including but not limited to FEED, HAZOP, HAZID, well planning and simulation. MPO is committed to the safe and effective engineering, design, and execution of managed pressure drilling operations, providing equipment built to the highest industry international certification standards and highly-trained, experienced personnel with a focus on safety, service quality, and client satisfaction.

www.managed-pressure.com