

Scientific Drilling International Introduces HALO Rotary Steerable System

New System Reliably Delivers Optimal Drilling Performance and Wellbore Placement

HOUSTON AND DALLAS, TEXAS, September 25, 2018—Scientific Drilling International today announces the commercialization of its HALO high-performance rotary steerable system (RSS) at the SPE Annual Technical Conference and Exhibition (ATCE). The cost-efficient HALO system combines enhanced lateral and proportional steering control with a single integrated collar and high-performance capabilities to help operators optimize wellbore placement, reduce handling time and risk, and improve overall drilling time.

“The importance of rotary steerable systems in unconventional shales has become increasingly important, especially as operators are drilling longer laterals to extend their payzone yield,” said Phil Longorio, Chief Executive Officer, Scientific Drilling International. “We’re excited to announce the commercialization of our new HALO rotary steerable system, which helps meet operators’ reliability and economic challenges, while yielding more efficient, smoother directional wellbores, resulting in faster well construction and completion operations.”

Designed to drill vertical, curve and lateral sections in a single run, the rugged HALO system consistently helps avoid costly trips and improves rates of penetration (ROP) even in the harshest conditions. The HALO system maximizes wellbore exposure in the target zone by drilling curve sections with build rates of up to 15°/100 ft, and its 3D advanced directional control functionality delivers unparalleled lateral placement.

The push-the-bit HALO system can be paired with conventional mud motors and operates at a maximum bit speed up to 350 RPM, maximizing performance and reducing rig time and trips. Data is transmitted to surface from the system’s high-speed mud pulse telemetry. The system allows precise on-the-fly directional control without interrupting the drilling process.

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Consisting of an integrated steering unit and MWD survey package, with azimuthal gamma ray geosteering and pressure-while-drilling capabilities, the HALO system is fully assembled and qualified prior to delivery to the rig site. This minimizes BHA assembly time and mitigates associated HSE risks.

About Scientific Drilling International

Scientific Drilling International is the largest independent service provider of global high-accuracy wellbore navigation and directional drilling services. With approximately 1,700 employees, the company has extensive research and development, manufacturing, repair and maintenance, and service capabilities. Strategically located in more than 26 countries, Scientific Drilling supports a wide range of markets, including oil and gas, unconventional resources, geothermal wells and coalbed methane reservoirs.

For more information, visit www.scientificdrilling.com, and connect with the company on [LinkedIn](#), [Facebook](#), [Twitter](#), [Google+](#) and [YouTube](#).

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