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Helmerich & Payne Launches Industry-First Advanced Controller Technology

Autodriller Pro Control System Helps Remove Human Variability While Enhancing Drilling Performance

TULSA, Oklahoma, December 1, 2021 -- Helmerich & Payne, Inc. (NYSE: HP) today introduced Autodriller Pro, an advanced controller technology designed to smoothly control block velocity while regulating inputs from differential pressure, torque and/or weight on bit (WOB). This industry-leading drawworks control system seamlessly transfers to/from WOB and differential pressure while helping to maintain smooth drilling that doesn't require changing gain settings at the driller's console.

"We set out to design a control system that would know what was important when it mattered most, and I believe that is what we have accomplished with Autodriller Pro," said Todd Benson, Chief Innovation Officer.

The system automatically regulates to the parameter most in control at the time in order to maintain smooth block velocity, improving consistent bit and rock engagement. Smooth block velocity results in less axial oscillation from surface, providing a higher rate of penetration (ROP) and improved bit and downhole reliability.

"H&P is committed to delivering industry-leading technology as efficiently as possible, while staying committed to our sustainability objective of reducing emissions," said Trey Adams, Senior Vice President, Marketing, Sales & Digital Operations. "Based on the wells we have already drilled, Autodriller Pro consistently improved ROP and reduced trips per well, equating to a 15-30% reduction in time, fuel and greenhouse gas emissions. Our efforts in the drilling stage can have a cumulative effect on our environmental impact and we see this technology as one more way in which we are doing our part to contribute to positive ESG advancements."

About Helmerich & Payne, Inc.

Founded in 1920, Helmerich & Payne, Inc. is committed to delivering industry leading drilling productivity and reliability. H&P operates with the highest level of integrity, safety and innovation to deliver superior results for our customers and returns for shareholders. Through its subsidiaries, the Company designs, fabricates and operates high-performance drilling rigs in conventional and unconventional plays around the world. H&P also develops and implements advanced automation, directional drilling and survey management technologies. For more information, visit www.helmerichpayne.com.

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