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Cougar Drilling Solutions Enters North America Directional Drilling Market with Paradigm Sysdrill

Paradigm Sysdrill used by CDS to plan and drill with impressive results.

(AMSTERDAM: December 5, 2012) Paradigm™ (www.pdgm.com) announced today that Cougar Drilling Solutions (CDS) (www.cougards.com) has adopted [Sysdrill](#) software as its preferred solution for well planning and drilling engineering, supporting its successful entry into the North American directional drilling services market. The company recently used Sysdrill to successfully plan and engineer its initial directional wells in Texas and Oklahoma.

CDS drilled a 5,000 ft. 8 3/4" curve and horizontal section in only 18 days – 27 days less than a previous well, significantly reducing drilling costs. In another well, CDS drilled a 7 7/8" directional section in a single run, accumulating over 200 circulating hours minimizing non-productive time.

"By using Sysdrill to perform detailed up-front engineering analysis we are able to deliver considerable cost savings to our customers," said Andrej Rizen, director of Optimized Well Delivery at Cougar Drilling Solutions. "Our entrance into the North American market has produced successful drilling results based upon the accuracy of the Sysdrill solution and the reliability of our Cougar DS high performance motors. This combination has helped us reduce costs, minimize non-productive time and optimize well placement."

"For some time now, Paradigm has focused on incorporating new well planning functionality aimed at the onshore North America oil and gas market," said Robert Innes, director for Well Planning & Drilling at Paradigm. "We are pleased by the drilling performance that CDS has already achieved from using Sysdrill, and this further validates the accuracy of our modeling capabilities. Paradigm also congratulates CDS on its successful entry into North America."

For more information on Paradigm products and services, please visit www.pdgm.com, or e-mail info@pdgm.com.

About Paradigm™

Paradigm (www.pdgm.com) is the largest software company focused exclusively on the delivery of analytical and information management solutions for the oil and gas industry. Customers rely on Paradigm software to discover and extract hydrocarbon resources and make better business decisions. Paradigm software solutions span critical exploration and production disciplines, from seismic processing and imaging to interpretation and modeling, reservoir characterization, and well planning and drilling. Providing the industry with quality support and productivity tools since 1987, Paradigm operates globally from more than 30 customer service and technology facilities on six continents.

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About Cougar Drilling Solutions

Cougar Drilling Solutions (www.cougards.com) is an international supplier of high performance Vertical, Directional and Horizontal Drilling Services to the oil, gas and geothermal exploration and development industry. The company has been designing and manufacturing downhole drilling tools since 1969.

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