



PRESS RELEASE

For immediate Dissemination

OPSENS: NEW CLIENT ORDERS OPP-W FOR ALBERTA OPERATION

Quebec City, Quebec, October 19, 2010 – Opsens Inc. (“Opsens”) (TSX-V: OPS) is pleased to announce receipt of an order from a large US-based global energy company for the OPP-W fiber optic pressure and temperature sensor system.

Opsens’ wholly-owned Edmonton-based unit, Opsens Solutions Inc., will instrument two wells with its proprietary OPP-W technology. As the OPP-W will be placed past the artificial lift system in the horizontal producing well, it will provide real time pump intake pressure/temperature data to produce the well as optimally as possible.

Opsens presents a strong track record with its pressure and temperature sensor, and continues to demonstrate its effectiveness at optimizing the SAGD process. The first OPP-W was installed in May 2008 in Alberta, and since then, 22 additional installations have been performed.

“This particular order is one of recognition in that it was awarded to Opsens Solutions only after our customer completed a comprehensive and thorough analysis of companies who compete in that space” said Darren Wiltse, President of Opsens Solutions Inc. “The customer required robust, reliable, reservoir-surveillance technology for optimizing operations in high-temperature environments and that is what our OPP-W technology provides.”

In the thermal recovery market, Opsens’ OPP-W fiber optic sensor system provides oil sands producers with reliable real-time downhole pressure and temperature information about their SAGD wells during operation. The ability to confidently control bottomhole pressure at high temperatures for artificial lift systems such as electrical submersible pumps allows SAGD operators to improve steam/oil ratios and to reduce operating and lifting costs. For multiple well operations, this can provide millions of dollars in savings by reducing water treatment costs and fuel required for steam generation. Opsens Solutions also has an ongoing commitment to the development of reservoir surveillance solutions and for CO₂-EOR, geological storage of CO₂, and unconventional gas projects.

About Opsens Inc. (www.opsens.com)

Opsens is a leading developer, manufacturer and supplier of a wide range of fiber optic sensors and associated signal conditioners based on proprietary patented and patent pending technologies. Opsens’ sensors provide long-term accuracy and reliability in the harshest environments. Opsens provides sensors to measure pressure, temperature, strain and displacement to original equipment manufacturers (OEM) and end-users in the oil and gas, medical, and laboratory fields. Opsens provides complete technical support, including installation, training, and after-sales service for its fiber optics systems, which are regulated by the ISO 9001-2008 norm.

Opsens was recognized as a TSX Venture 50® company in 2010. TSX Venture 50 is a trademark of TSX Inc. and is used under license.

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