



PRESS RELEASE

For immediate Dissemination

OPSENS – ORDERS FOR OPP-W SENSORS ASSOCIATED WITH DISTRIBUTED TEMPERATURE SENSING SYSTEMS

Quebec City, Quebec, December 7, 2010 – Opsens Inc. (“Opsens”) (TSX-V: OPS) is pleased to announce receipt of two new orders from different divisions of an existing customer. Both orders are coil tubing conveyed and consist of Opsens’ proprietary OPP-W technology for single point pressure and temperature sensors to be used in conjunction with a third party fiber optic Distributed Temperature Sensing (“DTS”) system.

With this integrated solution, the customer will have the ability to monitor pressure and temperature at the toe of the horizontal well, in addition to temperature along the entire wellbore in one meter increments. The result will be a comprehensive wellbore profile which can be used for enhanced optimization and improved well management.

Opsens’ wholly-owned Edmonton-based operating unit, Opsens Solutions Inc. (“Opsens Solutions”), will perform the installation. “These orders are the two first combined OPP-W and DTS installations for Opsens Solutions. Both systems provide thermal profiling. One application is in a SAGD producing well whereas the other is within a thermal injecting well. By acting as a real-time calibration reference, this novel solution will use the proven internal OPP-W temperature sensor to increase and maintain the accuracy of the DTS fiber. This accomplishment is the result of a target marketing and development effort towards our goal of developing the DTS market” said Darren Wiltse, President of Opsens Solutions.

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, after-sales service, for its fiber optics systems that are regulated by the ISO 9001-2008 norm.

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