



PRESS RELEASE
For immediate release

**OPSENS – OPP-W SENSORS WITHSTAND THE TEST OF TIME
IN EXTREMELY HARSH DOWN-HOLE OILFIELD ENVIRONMENT**

Quebec City, Quebec, May 5, 2009 – Opsens Inc. (TSX VENTURE EXCHANGE: OPS) (“Opsens”) is proud to announce that its OPP-W sensor has just completed its first year of operation in the harsh down-hole oilfield environment of Steam Assisted Gravity Drainage (“SAGD”) producer wells in Alberta. This full year of successful operation validates the reliability and the performance of Opsens’ exclusive technology. “This customer is very pleased with the results and has recently placed a second order to install additional OPP-W sensors in new wells. The client is already planning new installations” said Opsens Solutions Inc.’s President Gaétan Duplain.

The OPP-W sensor measures pressure and temperature, in real-time, at temperatures up to 300° Celsius continuously in SAGD wells. The capacity to control pressure at high temperature allows in-situ producers to improve steam/oil ratios, increase production and reduce operation and lifting costs.

The decline in oil price encourages producers to look for innovative solutions to optimize production and reduce costs. The OPP-W sensor is a technical innovation that is well positioned to make an impact in the ever-expanding areas of SAGD operations. By having accurate and reliable real-time measurements of downhole pressure and temperature, SAGD operators can optimize steam injection rates, thereby reducing operating costs and the environmental impact of conducting SAGD operations.

About Opsens (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, high-power transformers, and laboratory fields. Opsens provides complete technical support, including installation, training and after-sales service.

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Forward-looking statements contained in this press release involve known and unknown risks, uncertainties and other factors that may cause actual results, performance and achievements of Opsens to be materially different from any future results, performance or achievements expressed or implied by the said forward-looking statements.

-30-

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