



PRESS RELEASE
For immediate release

OPSENS INC. COMPLETES AN IMPORTANT MILESTONE IN ITS HISTORY WITH AN ORDER RECEIVED FROM A MAJOR OIL SANDS OPERATOR IN ALBERTA FOR THE SUPPLY AND INSTALLATION OF ITS OPTICAL SENSING SYSTEMS

Québec, Québec, May, 15 2007 – Opsens inc. (TSX : OPS) (« Opsens ») announces that it has received an order from a major oil sands operator in Alberta for the supply and installation of Optical Pressure and Temperature Sensing Systems in its SAGD production site in Alberta.

The \$200,000 order covers the supply and the installation of Opsens Optical Sensor OPP-W, which uses an all-Sapphire membrane, in producing *Steam Assisted Gravity Drainage* (SAGD) wells in a major production site in Alberta. In this site, the heavy oil is produced using the SAGD process, where the oil sand is heated by injection of steam to temperatures as high as 300 °C in order to decrease its viscosity and recover it.

“The OPP-W addresses critical requirements of the oil sands operators. It delivers continuous and reliable monitoring of downhole pressure and temperature in very harsh environments such as high temperature up to 300 °C. Obtaining this order is an important opportunity to validate, with a major player in the oil and gas industry the high performances of our sensor”. Said Gaétan Duplain, Vice President Energy at Opsens.

Ridha Abid, Vice President Sales and Marketing at Opsens Oil and Gas division added “The OPP-W sensor is already receiving strong interest from the oil companies worldwide. This first deployment success will give the signal to an aggressive commercialization of the sensor in the high growth SAGD market in Alberta and in the oil market in general. The OPP-W sensor brings an important added value by providing the monitoring of key parameters in the optimization of the heavy oil production”.

Opsens is targeting the oil sands market in Alberta, where SAGD is becoming the key production process, and where there is a potential to install such a sensor in multiple oil wells. Canada has 179 Billion barrels of oil reserves with 95% being oil sands, second only to Saudi Arabia. Canada is expected to increase by up to 500% its oil production by 2015. Opsens sensors will make it possible to have a reliable and continuous monitoring of the downhole pressure and temperature at high temperature, which will increase the heavy oil recovery rate along with reducing the direct operational costs.

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 and patent pending technologies. Opsens sensors provide long-term accuracy and reliability in the harshest environments and are able to address various critical measurement requirements notably in the oil and gas field. Opsens provides patent pending sensors to measure pressure, temperature, strain and displacement to original equipment manufacturers (OEM) and end-users in the oil and gas, medical, energy and laboratory fields. Opsens offers technical services, as on site installation, training and turnkey fiber optic systems.

The TSX Venture Exchange does not accept responsibility for the adequacy or accuracy of this press release.

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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