



PRESS RELEASE
For immediate release

OPSENS INC. ANNOUNCES THE NOMINATION TO ITS ADVISORY COMMITTEE OF MAURICE B. DUSSEAULT, WELL-KNOWN EXPERT IN HEAVY OIL AND OIL SANDS PRODUCTION PROCESSES.

Quebec, Quebec, April 25, 2007 – Opsens inc. (TSX : OPS) (« Opsens ») announces the formation of an advisory board composed of industry experts such as M. Dusseault. The committee will have the mandate of advising the company in its strategic orientations, its Marketing strategy and its Research and Development programs.

Mr. Maurice B. Dusseault, Ph.D, P. Eng, Professor of Earth Sciences at Waterloo University, has been involved in the Petroleum Industry for more than 30 years, and has consulted in many oil-producing countries including Canada, United States, Venezuela, Brazil and China. He was an executive and an administrator of the Porous Media Research Institute for thirteen years. He was cofounder of GEOMECH A.S of Norway, Terralog Technologies Inc. of Calgary and Wavefront Inc. (TSX-WEE) of Edmonton, with its dynamic stimulation technology that helps accelerate oil recovery from porous media. He has also contributed to development of thermal and non-thermal production processes for heavy oil and oil sands. He has been involved internationally in the selection and implementation of appropriate production processes in various oil fields. Dr. Dusseault has published more than 400 articles for the oil and gas industry and for public organizations such the *US Department of Energy*, the *Alberta Department of Energy* and the *International Energy Agency*.

Dr. Dusseault explains: « Having worked on oil recovery processes for major oil producers worldwide, I am well aware of the critical need for precise measurements of pressure in hostile, high-temperature environments. I am excited to join the Opsens team behind the development and marketing of their unique pressure/temperature optical sensor with an all-sapphire membrane because it addresses precisely this critical industry need.»

M. Pierre Carrier, President and CEO of Opsens, said: « the arrival of Dr. Dusseault, a well known expert in Alberta and worldwide, brings an expertise and an experience that complements our team. His nomination reflects the priority given by Opsens to the marketing of its sensor in the high growth oil sands market in Alberta which is being exploited by the SAGD process. In the SAGD method of oil production, the heavy oil is heated by injection of hot steam at temperatures as high as 300°C in order to decrease viscosity and recover it. Various studies and field experiments have shown that a precise and continuous measurement of the pressure along a producing well is a great aid to the optimization of the SAGD process. Such optimization improves the oil recovery rate and reduces the direct cost of operation related to steam generation and injection. In this context, Opsens pressure and temperature sensor offers a significant added value to the oil producers. »

About Opsens

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.

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