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**WAVEFRONT ENERGY & ENVIRONMENTAL SERVICES INC.**

**OKLAHOMA CO<sub>2</sub> FLOOD TO BENEFIT FROM POWERWAVE**

EDMONTON, Alta Aug 11, 2008/ Wavefront Energy and Environmental Services Inc. (“Wavefront”), a world leader in fluid injection technology for improved/enhanced oil recovery and groundwater restoration is pleased to report that Powerwave will be implemented in Texas County, Oklahoma by a Denver-based, New York Stock Exchange traded, independent oil and gas producer having operations in the Permian Basin, Rocky Mountain, Mid-Continent, Gulf Coast and Michigan regions of the United States.

“This is a very significant milestone for Wavefront as we expand from optimizing secondary oil recovery using waterflooding to tertiary, or Enhanced Oil Recovery (“EOR”) strategies using CO<sub>2</sub>”, stated Wavefront President and CEO, Brett Davidson. The main principle behind EOR is to recover the trapped and bypassed oil left following secondary recovery. This is accomplished either by reducing capillary forces (surface tension) allowing the oil to flow more readily through the pores of the oil-bearing formation or by increasing the viscosity of the injected fluid to improve the effectiveness with which water pushes out the oil from the rock. However, the injection of fluids such as CO<sub>2</sub>, polymers, surfactants, and combinations thereof are met with the same challenges as waterflooding; nature’s path of least resistance dominates where the injected fluids flow hence the potential benefits of these approaches are not fully realized. Powerwave aids the recovery of oil by allowing more uniform injection of the tertiary recovery agent(s), giving improved mixing with the oil and hence better overall results.”

Wavefront President and CEO Brett Davidson further stated, “In the Texas County project, Powerwave will provide the means of broader distribution of the CO<sub>2</sub> allowing for more effective oil returns. Currently there are 66 CO<sub>2</sub> floods in the United States with 40 of those located in the Permian Basin. There are 4 CO<sub>2</sub> floods in Canada with the most notable being the Weyburn project in southeastern Saskatchewan that has been on-going since 2000.”

***About Wavefront Energy and Environmental Services Inc.***

Wavefront is a technology-based company with a focused, strategic plan to leverage the value of our intellectual property in order to maximize oil production recovery operations, as well as provide additional solutions for environmental applications.

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ON BEHALF OF THE BOARD OF DIRECTORS

**WAVEFRONT ENERGY AND ENVIRONMENTAL SERVICES INC.**

*“D. Brad Paterson” (signed)*

D. Brad Paterson, CFO & Director

Cautionary Disclaimer – Forward Looking Statements

Certain statements contained herein regarding Wavefront and its operations constitute “forward-looking statements” within the meaning of Canadian securities laws and the United States Private Securities Litigation Reform Act of 1995. All statements that are not historical facts, including without limitation statements regarding future estimates, plans, objectives, assumptions or expectations or future performance, are “forward-looking statements”. In some cases, forward-looking statements can be identified by terminology such as “may”, “will”, “should”, “expect”, “plan”, “anticipate”, “believe”, “estimate”, “predict”, “potential”, “continue” or the negative of these terms or other comparable terminology. We caution that such “forward-looking statements” involve known and unknown risks and uncertainties that could cause actual results and future events to differ materially from those anticipated in such statements. Such factors include fluctuations in the acceptance rates of Wavefront’s Powerwave and Primawave Processes, demand for products and services, fluctuations in the market for oil and gas related products and services, the ability of Wavefront to attract and maintain key personnel, technology changes, global political and economic conditions, and other factors that were described in further detail in Wavefront’s continuous disclosure filings, available on SEDAR at [www.sedar.com](http://www.sedar.com). Wavefront expressly disclaims any obligation to up-date any “forward-looking statements”, other than as required by law.

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