



Second Wave Petroleum Ltd.

News Release

For Immediate Release
Calgary, Alberta

Wednesday, June 4, 2008
TSX Venture Exchange: SCS.A
309,244,272 Class A Shares

Second Wave Petroleum Announces Granting of Options

CALGARY, ALBERTA - June 4, 2008 - Second Wave Petroleum Ltd. ("Second Wave" or the "Company") announces that the Company's Board of Directors approved the granting of 6,550,000 stock options to new employees of the Company on Tuesday, June 3, 2008, subject to regulatory and TSX Venture Exchange approval. The options were issued with an exercise price of \$0.39 per share and have a five year term with standard vesting provisions.

About Second Wave Petroleum

Second Wave Petroleum is a publicly traded, newly recapitalized junior oil and gas company focused on exploration and development of oil and natural gas in Alberta and south eastern Saskatchewan. Second Wave remains focused on organic growth through the drill bit on its existing acreage while continuing a process of adding accretive acquisitions in 2008.

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The TSXV has neither approved nor disapproved the contents of this news release and does not accept responsibility for the adequacy or accuracy of this release.

This news release may contain certain forward-looking statements, including management's assessment of future plans and operations, and capital expenditures and the timing thereof, that involve substantial known and unknown risks and uncertainties, certain of which are beyond the Company's control. Such risks and uncertainties include, without limitation, risks associated with oil and gas exploration, development, exploitation, production, marketing and transportation, loss of markets, volatility of commodity prices, currency fluctuations, imprecision of reserve estimates, environmental risks, competition from other producers, inability to retain drilling rigs and other services, delays resulting from or inability to obtain required regulatory approvals and ability to access sufficient capital from internal and external sources, the impact of general economic conditions in Canada, the United States and overseas,

industry conditions, changes in laws and regulations (including the adoption of new environmental laws and regulations) and changes in how they are interpreted and enforced, increased competition, the lack of availability of qualified personnel or management, fluctuations in foreign exchange or interest rates, stock market volatility and market valuations of companies with respect to announced transactions and the final valuations thereof, and obtaining required approvals of regulatory authorities. The Company's actual results, performance or achievements could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurances can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits, including the amount of proceeds, that the Company will derive therefrom. Readers are cautioned that the foregoing list of factors is not exhaustive. All subsequent forward-looking statements, whether written or oral, attributable to the Company or persons acting on its behalf are expressly qualified in their entirety by these cautionary statements. Furthermore, the forward-looking statements contained in this news release are made as at the date of this news release and the Company does not undertake any obligation to update publicly or to revise any of the included forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by applicable securities laws.

The term BOE or BOEs may be misleading, particularly if used in isolation. A BOE (barrel of oil equivalent) conversion rate of 6 Mcf per one (1) BOE is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead.