



Western Plains Petroleum Ltd.

Western Plains Petroleum Three New Landrose Wells on Production

For Immediate Release

January 5, 2011

CALGARY, ALBERTA – Western Plains Petroleum Ltd. (TSXV:WPP) (“**Western Plains**” or the “**Company**”) announces it has drilled and completed its year-end three (3) well drilling program in the Landrose area of west-central Saskatchewan. Two (2) of the wells, each in-fill wells adjacent to the Company’s three (3) producing heavy oil wells located on Section 6 - 50 - 25 W3M, are producing at an aggregate rate of approximately 160 bbls/d (80 bbls/d net to the Company) of heavy oil. The third well, located nearby on Section 16-50-26 W3M, is being brought on slowly with production now up to approximately 30 bbls/d (15 bbls/d net to the Company). Western Plains is the operator and holds a 50% working interest in these three (3) Landrose wells.

The Company has working interests (one well at 25% WI and five wells at 50% WI) in a total of six (6) wells in the Landrose area that are producing in aggregate approximately 430 bbls/d (195 bbls/d net to the Company) of heavy oil. Combined with heavy oil production from its other working interests in wells in the Lloydminster, Alberta area and the Maidstone and Lloydminster, Saskatchewan areas, the Company exited 2010 with net production in excess of 300 bbls/d.

About Western Plains Petroleum Ltd.

Western Plains is a Lloydminster, Alberta, based junior heavy oil producer with interests located in the Lloydminster area in both Saskatchewan and Alberta. The common shares of the Company trade on the TSX Venture Exchange under the symbol WPP.

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Reader Advisory

This news release includes management's assessment of future plans and operations, capital raising activities, wells to be drilled, timing of drilling of wells, re-activation activities, production estimates and planned capital expenditures, which

may constitute forward-looking statements under applicable securities laws and necessarily involve risks including, without limitation, risks associated with oil and gas development, production, competition from other producers, inability to retain drilling rigs and other services, delays resulting from or inability to obtain required regulatory approvals, and the inability to fund required capital expenditures. Actual future results may differ materially from those assumed or described in such forward-looking statements as a result of the impact of issues, risks and uncertainties whether described herein or not, which Western Plains may not be able to control. The reader is therefore cautioned not to place undue reliance on such forward-looking statements. The forward-looking statements contained in this news release are made as of the date hereof and Western Plains undertakes no obligation to update publicly or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable securities laws. The forward-looking statements contained in this news release are expressly qualified by this cautionary statement.