



Western Plains Petroleum Ltd.

Western Plains Petroleum Drilling on Landrose Property

For Immediate Release

December 17, 2010

CALGARY, ALBERTA – Western Plains Petroleum Ltd. (TSXV:WPP) (“**Western Plains**” or the “**Company**”) announces it has drilled and cased a second well, and spudded the 3rd well, both wells part of its previously announced three (3) well drilling program on its property in the Landrose area of west-central Saskatchewan. These last two (2) wells are in-fill wells, adjacent to the Company’s three (3) producing heavy oil wells located on Section 6 - 50 - 25 W3M, with both expected to be completed and on production by year-end.

The first well of the three (3) well program was drilled and cased last week on the nearby Section 16-50-26 W3M, and is expected to be perforated and brought on production by the early next week. Western Plains is the operator and holds a 50% working interest in these three (3) Landrose wells.

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.

For more information, please contact:

David Forrest
President and Chief Executive Officer
Western Plains Petroleum Ltd.
#202, 5004 – 18 Street
Lloydminster, AB T9V 1V4

Telephone: (780) 205-4468
Fax : (780) 808-8038
E-mail: brahmadf@gmail.com
www.westernplainspetroleum.com

Neither the TSX Venture Exchange nor its Regulation Services Provider (as the term is defined in the Policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

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.