



Western Plains Petroleum Ltd.

Western Plains Petroleum Landrose Drilling Activities

For Immediate Release

December 10, 2010

CALGARY, ALBERTA – Western Plains Petroleum Ltd. (TSXV:WPP) (“**Western Plains**” or the “**Company**”) is pleased to announce it has drilled and cased the first well of its previously announced three (3) well drilling program in the Landrose area of west-central Saskatchewan. The new heavy oil well is located on lands the Company acquired, with an industry partner, in late November 2010. Production from the new drill is expected to commence in the next 7 to 10 days. The drilling rig has been released from the well site and is expected to spud the final two (2) wells of the drilling program on a nearby section in the Landrose area where the Company already has three (3) producing heavy oil wells. The final two (2) wells, both in-fill drills targeting the McLaren formation, are expected to be drilled and completed in the next two weeks. Western Plains is the operator and holds a 50% working interest in these three (3) 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.

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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.