

DEEP WELL SUBSTANTIALLY INCREASES ITS ORIGINAL OIL IN PLACE

September 3, 2008 – 08:00 EDT

EDMONTON, ALBERTA - (Marketwire - September 3, 2008) Deep Well Oil & Gas, Inc. ("Deep Well") (PINK SHEETS: DWOG - News) is pleased to announce that Degolyer and MacNaughton Canada Limited ("D&M"), an independent engineering company, has summarized the original oil in place for the Sawn Lake Project. D&M have concluded that net to Deep Well there are 1.2 billion barrels of oil in place, based on mapping generated for the appraisal report.

This is a substantial increase from the 819.5 million barrels, which were previously stated in Deep Well's press releases. The previous number (819.5 million) included all interest holders in the Sawn Lake project. The updated number of 1.2 billion barrels of oil excludes Deep Well's other partners and is the number of barrels that are Deep Wells.

Deep Well Oil & Gas, Inc. is a Nevada corporation based in Alberta Canada. Deep Well and its subsidiaries Northern Alberta Oil Ltd. and Deep Well Oil & Gas (Alberta) Ltd. have a 100% working interest in 6 contiguous sections of a petroleum and natural gas license, an 80% working interest in 51 contiguous sections of oil sands development leases, 40% working interest in an additional 12 sections of oil sands development leases and an 80% working interest in 6.5 sections of oil sands permits in the Sawn Lake heavy oil area in North Central Alberta. The permits and leases cover 47,759 acres. Andora Energy through their subsidiary formerly known as Signet Energy has earned a 40% interest in 12 sections.

This press release contains forward-looking statements. The words or phrases "would be," "will allow," "intends to," "will likely result," "are expected to," "will continue," "is anticipated," "estimate," "project," or similar expressions are intended to identify "forward-looking statements." Actual results could differ materially from those projected in the Company's proposed oil and gas related business. The Company's business is subject to various risks, which are discussed in the Company's filings with the Securities and Exchange Commission ("SEC"). The Company's filings may be accessed at the SEC's Edgar system at www.sec.gov. Statements made herein are as of the date of this press release and should not be relied upon as of any subsequent date. The Company cautions readers not to place reliance on such statements. Unless otherwise required by applicable law, we do not undertake, and we specifically disclaim any obligation, to update any forward-looking statements to reflect occurrences, developments, unanticipated events or circumstances after the date of such a statement. Deep Well Oil & Gas, Inc. (PINK SHEETS: DWOG - News)

Contact:
Deep Well Oil & Gas, Inc.
Investor Relations
1 888 - OILSAND (1-888-645-7263)
www.deepwelloil.com