



RODINIA OIL CORP. CONFIRMS RIG MOBILIZATION FOR OFFICER BASIN DRILLING PROGRAM

Calgary, Alberta - April 20, 2011 (TSX-V:ROZ) - Rodinia Oil Corp. ("Rodinia" or the "Corporation") is pleased to announce that Ensign Australia Pty. Limited, a subsidiary of Ensign International Energy Service ("Ensign International") has begun de-mobilizing its heavy triple Rig #16 from the Cooper Basin, South Australia. Ensign International is mobilizing the rig to the Officer Basin in South Australia for Rodinia.

Drilling Program Update

Ensign International's Rig #16 has begun mobilizing for the approximately 2,000 kilometre journey to the Officer Basin to commence drilling of "Mulyawara 1", the first well in Rodinia's exploratory drilling program. Mulyawara 1 is expected to spud in mid-May and drilling is expected to take approximately six weeks.

Mulyawara 1 is located in the northwest corner of PEL 253 (South Australia) and will test a structure of approximately 36.3 square kilometres (per horizon) in size identified on seven seismic lines. This well will target five potential reservoirs, the deepest of which is the aeolian Pindyin sandstone (also called the sub-salt unit). Rodinia has an 80% working interest in this well and prospect and is the operator.

Rodinia's contract with Ensign International includes four firm wells with the option for up to four additional wells in the Officer Basin.

Report by Ryder Scott Company Canada

According to a report (the "Ryder Scott Resource Report") prepared by Ryder Scott Company Canada (independent oil and natural gas reservoir engineers), dated January 12, 2010 and effective December 31, 2009, the unrisks, undiscovered, prospective (recoverable) resource, based on a best (P50) scenario, for Mulyawara 1 is estimated at 2.7 BBbls (gross) of oil.

The Ryder Scott Resource Report on the resource potential of the Officer Basin describes the prospective (recoverable) portion of "Undiscovered Resources", as defined by the Canadian Oil and Gas Evaluation Handbook and does not represent an estimate of reserves. The Ryder Scott Resource Report is compliant with National Instrument 51-101 "Standards of Disclosure for Oil and Gas Activities" ("NI 51-101"). There is no certainty that any portion of the resources will be discovered. If discovered, there is no certainty that it will be commercially viable to produce any portion of the resources.

Prospective resources are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from undiscovered accumulations by application of future development projects. Prospective resources have both an associated chance of discovery and a chance of development. Prospective resources are presented as unrisks prospective oil resources. The term unrisks means that no geological risk (play risk) has been incorporated in the hydrocarbon volume estimates.

Additional information on the prospective resources can be found at www.sedar.com, in the Long Form Prospectus dated May 20, 2010 filed under Rodinia Oil Corp.

About Ensign International Energy Services

Ensign International is an Australian-based integrated drilling company, specializing in the drilling of all forms of hydrocarbon and geothermal wells. It is a wholly owned subsidiary of Ensign Energy Services Inc. of Canada, which has more than 50 years of experience specializing in the drilling of petroleum and natural gas wells.

About Rodinia Oil Corp.

Rodinia is an international oil and gas exploration corporation. Its common shares and warrants are listed on the TSX Venture Exchange under the symbol "ROZ" and "ROZ-WT" respectively. Rodinia is engaged in the exploration, acquisition and development of onshore petroleum and natural gas assets in Australia's Officer Basin. Founded in 2006, Rodinia is one of the first companies to undertake onshore exploration in the Officer Basin and has access to large tracts of exploratory lands. Rodinia has offices in Calgary, Alberta and Adelaide, South Australia.

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Forward-Looking Statements

This press release may contain forward-looking information that involves substantial known and unknown risks and uncertainties, most of which are beyond the control of Rodinia, including, without limitation, statements pertaining to its anticipated drilling program. All statements included herein, other than statements of historical fact, are forward-looking information and such information involves various risks and uncertainties. There can be no assurance that such information will prove to be accurate, and actual results and future events could differ materially from those anticipated in such information. A description of assumptions used to develop such forward-looking information and a description of risk factors that may cause actual results to differ materially from forward-looking information can be found in Rodinia's disclosure documents on the SEDAR website at www.sedar.com. Any forward-looking statements are made as of the date of this release and, other than as required by applicable securities laws, Rodinia does not assume any obligation to update or revise them to reflect new events or circumstances.

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