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RPSEA Contracts with Knowledge Reservoir for Deepwater Improved Recovery Study.

HOUSTON, Texas, February 23, 2009 --- **Knowledge Reservoir**, a leading geoscience and engineering consulting company, today announced a contract with the **Research Partnership to Secure Energy for America (RPSEA)**, to provide project direction and technical services for a project awarded under the RPSEA Ultra-Deepwater Program (UDW).

The project will deliver a research report and characterization database of deepwater and ultra-deepwater assets in the Gulf of Mexico focused on incentives, needs assessment analyses and concepts identification for the application of Improved Recovery Techniques (IOR/EOR) in deepwater. The project will be directed by Knowledge Reservoir, with primary project participants Louisiana State University (LSU) and Anadarko Petroleum Corporation (Anadarko).

The project will identify improved recovery opportunities in the early stages of field development planning, such that facility and well designs can be optimized to take advantage of those opportunities. Additionally, opportunities for improved recovery in producing fields will be assessed, as will current and near-future technologies for improved recovery. The project will include characterization of deepwater and ultra-deepwater reservoir assets and compile and categorize key causes of trapped and remaining hydrocarbons in such reservoirs. The prioritization of technology gaps in improved recovery methods will also be addressed as they specifically relate to deepwater and ultra-deepwater reservoirs, with the aim of identifying leading concepts for future research, investment, development, testing and deployment / application. A thorough and comprehensive review of IOR/EOR techniques, experience and best practices, both on- and offshore, will be conducted.

Project results will be captured in a knowledge base to facilitate effective technology transfer. The primary outcomes of the project will be the advancement of understanding of improved recovery

techniques, provision of a foundation for future development, testing and deployment phases of new technology and methodology, all ultimately leading to the recovery of more resources from deepwater and ultra-deepwater assets.

Commenting on the announcement, Dr. Ivor R. Ellul, President and CEO of Knowledge Reservoir, stated, "Knowledge Reservoir is extremely pleased with the confidence that RPSEA has put in the improved recovery expertise within our deepwater geosciences and reservoir engineering consulting practice, as well as the quality of the project team we have assembled together with LSU and Anadarko."

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Knowledge Reservoir is a leading global energy consulting firm headquartered in Houston, Texas, and provides Geoscience and Engineering Consulting and Resourcing solutions to clients worldwide from offices in Texas, California, the United Kingdom, Norway, Denmark, Oman, and Malaysia.

<http://www.knowledge-reservoir.com>

Funding for the project is provided through the "Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Resources Research and Development Program" authorized by the Energy Policy Act of 2005. This program—funded from lease bonuses and royalties paid by industry to produce oil and gas on federal lands—is specifically designed to increase supply and reduce costs to consumers while enhancing the global leadership position of the United States in energy technology through the development of domestic intellectual capital. **RPSEA** is under contract with the U.S. Department of Energy's National Energy Technology Laboratory to administer several elements of the program. RPSEA is a 501(c)3 nonprofit consortium with more than 140 members, including 25 of the nation's premier research universities, five national laboratories, other major research institutions, large and small energy producers and energy consumers. The mission of RPSEA, headquartered in Sugar Land, Texas, is to provide a stewardship role in ensuring the focused research, development and deployment of safe and environmentally responsible technology that can effectively deliver hydrocarbons from domestic resources to the citizens of the United States. Additional information can be found at www.rpsea.org.