



MEDIA RELEASE

WellDog Partners With Wyoming's Enhanced Oil Recovery Institute (EORI) To Adapt Established Technical Services to CO₂ Enhanced Oil Recovery

MOU will lay groundwork for research to improve CO₂ enhanced oil production

8 December 2016 (Laramie, WY) – WellDog announced today that it has partnered with the Enhanced Oil Recovery Institute (EORI) to adapt WellDog's patented downhole Reservoir Raman system for use in oil fields using CO₂ to enhance the recovery of oil.

"As a globally recognized oil & gas technology provider, EORI welcomes any opportunity to work with a Wyoming based service firm," said Steve Carpenter, Director of EORI. "Working with WellDog allows the Institute to broaden and advance our mission to facilitate a meaningful and measurable increase in the identification and recovery of hydrocarbon reserves through the enhanced or improved production of oil and natural gas in Wyoming that may otherwise not be realized. We do this through the effective and efficient transfer of relevant technology, information and knowledge to Wyoming producers." Director Carpenter also added that working with a known Wyoming entity like WellDog, allows for a more meaningful and in-depth consortium, which has added benefits for Wyoming producers and stakeholders.

The memorandum of understanding (MOU) lays out the plan to establish an industry consortium. This consortium will identify potential research sites, provide engineering support and develop the appropriate evaluation criteria for application as a commercial service.

EORI was created and is financially supported by the Wyoming State Legislature to work with Wyoming oil producers to increase oil production. The quasi-governmental agency works to help the State of Wyoming and its energy producers to recover a large resource of stranded oil in depleted oil reservoirs as rapidly, responsibly, and economically as possible. EORI is the only institution devoted to enhanced oil recovery in Wyoming oil fields.

"We first developed the downhole Raman system for Wyoming coalbed methane starting in 1999," said John Pope, Ph.D, president and CEO of WellDog. "While using it commercially for coalbed methane and underground coal mines around the world,



we found that detecting CO₂ was as important as detecting methane when it came to mine safety and carbon sequestration. As a result, we have further developed the technology so that it works as well, if not better, when tracking CO₂. Adapting our technical services to understanding and validating CO₂ EOR and CO₂ sequestration is an obvious next step that aligns perfectly with our corporate mission and values.”

WellDog’s mission is to drive global sustainability through georesource innovation. The company strives to find solutions to the enhance energy development while mitigating its social and ecological impacts. In this case, that means maximizing the recovery of the resources, improving return on investment for producers and addressing the associated greenhouse gas emissions issues.

ABOUT WellDog: WellDog is an energy-focused technical services company that provides practical technical and business solutions in a high volume, cost effective manner with a remarkable customer focus. The company’s mission is to develop and deploy innovative technologies to produce resources faster, responsibly and sustainably. Since 1999, WellDog has focused on providing cost effective, reliable, accurate subsurface data and data collection systems to high volume resource production operators such as shale oil and gas, coalbed methane, and coal mining operators. The company’s ultimate aim is to assist in improving economic quality of life without reducing environmental quality of life. For more information, visit www.welldog.com.