

RMOTC partner receives award for technology tested at Teapot Dome

Casper, Wyo. – August 27, 2009 – A Rocky Mountain Oilfield Testing Center (RMOTC) partner, Technology International, Inc., is being honored for “excellence in technology transfer” by the mid-continent region of the Federal Laboratory Consortium (FLC). Technology International developed a borehole imaging system using drill bit “seismic while drilling” (SWD) technology. Drill bit seismic methods allow for data to be acquired without expensive interruptions to drilling operations and provide geophysicists and drillers with valuable information to optimize drilling efficiency. The award-winning technology transmits seismic signals generated at the bit to the surface, allowing real-time subsurface monitoring from depths beyond 30,000 feet.

“RMOTC’s test facilities are helping companies like Technology International bring valuable new ideas to the industry,” said Clarke Turner, RMOTC director. “We are excited to see their hard work honored and showcased with this well-deserved award.”

Technology International began field testing its patent-pending SeismicPULSER™ in June 2008 at the RMOTC field site about 35 miles north of Casper. The system will allow operators to be able to visualize the subsurface while drilling. This in turn allows drillers to steer the bit toward more optimal drilling targets and can be used for predicting abnormal pressure zones ahead of the bit while drilling. Technology International has been granted patent rights to this technology and will license it to several major oilfield service companies. Advanced prototypes will be manufactured with the financial support of major oil companies for their application both onshore and offshore. This technology is particularly useful for drilling in deep water, high-pressure, and high-temperature environments to depths of over 30,000 feet.

An article on the technology was published in the July 2009 edition of World Oil and discusses the successful development of the technology. A technical paper was also submitted in Houston, Texas, at the 2009 Annual Offshore Technology Conference.

Technology International will be formally honored at the upcoming FLC Mid-Continent and Far West annual meeting Sept. 2 in San Francisco, Calif. The award will also be submitted for a national award along with the winners in the five other regions of the FLC.

“We are honored to have been selected for this award,” said Robert Radtke, president of Technology International. “It’s a wonderful opportunity to extend the application of this technology to other government agencies and the industry.”

RMOTC is a Department of Energy field test site for emerging and developing technologies to address critical energy issues. The field test site is a 10,000-acre operating oil field offering a full complement of associated facilities and equipment on site. There are approximately 700 well bores with 250 producing wells ranging in depth from 500 to 5,000 feet.

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