



CLRS: a revolution in real-time

Coretrack is developing a Core Level Recorder System, set to revolutionise definitive and real-time information about core sample capture and reduce exploration expenditure for the gas industry.

Coretrack's Core Level Recorder System (CLRS), which records and transmits detailed electronic data on core displacement within a core barrel in deep oil and gas wells, has recently won the Western Australian Government's Inventor of the Year (Development Category) prize in 2007.

The company is now working closely with Halliburton and Baker-Hughes to ensure the CLRS' compatibility with their respective coring assemblies.

Coretrack Managing Director and Chief Executive Officer Nanne van 't Riet said "Crucial CLRS components have already been tested successfully within either operating wells or in surface tests, but with such a high temperature and high pressure environment, it is imperative that we subject all this equipment to the most rigorous conditions it is likely to encounter in the field."

The company expects to receive shipment of a mud-pulse telemetry system and customised ball drop sub from APS Technology that, once assembled, will allow the company to move on to the final field testing stage.

Coretrack has also commenced comprehensive heat and pressure testing of individual components of the CLRS, and subject to the success of these tests, will soon embark on a final field test of the core-barrel telemetry system incorporated in the CLRS.

Practical application

Most recently, Coretrack has been working with Chevron and Baker-Hughes for the provision of the CLRS for wells in Western Australia's North West Shelf. Coretrack said that contract negotiations are continuing with Chevron, while similar discussions have also taken place with Halliburton and some of its international customers.

Mr van 't Riet said "Globally, it is believed the oil and gas industry outlays in excess of \$650 million annually, obtaining core samples in order to carry out reserve and production estimates. Our technology is designed to take the 'guess work' out of the coring process, provide more certainty and, importantly, reduce costs for the gas industry." ■



Coretrack MD and CEO Nanne van 't Riet with the CLRS.