

Same Day Downhole Critical Gas Content without the Core.

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Gas desorption methods to analyze coal gas content require expensive sample retrieval methods and extended desorption and analysis time. WellDog has adapted its new downhole Raman spectrometer to measuring gas content in coalbed wells without core samples and in a matter of hours, rather than days or weeks using other conventional methods.. This technology, which has been successfully calibrated in three independent laboratories using state-of-the art Boyle's Law isotherm apparatus, accurately measures gas content in wells containing one or more coal seams, in-situ. This presentation will show the methods behind the analysis, share laboratory calibration and field case study results. It will also review how same-day analysis of gas content is leading to greatly reduced cycle-time and new, more efficient CBNG development methods for clients.