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**GST-WELLDOG TO PRESENT RESULTS OF COALBED METHANE CASE STUDIES AT  
2009 INTERNATIONAL COALBED & SHALE GAS SYMPOSIUM**

*Talks will focus on how sweet spot approach to coalbed methane development  
can increase multizone completion success and field development profitability*

**Laramie, Wyo** (May 19, 2009)—GST-WellDog announced today that it is presenting two papers at the 2009 International Coalbed & Shale Gas Symposium being held this week on the University of Alabama campus in Tuscaloosa, Alabama. The papers will share results of case studies completed by the company in partnership with two coalbed methane operators that show how detailed evaluation of coalbed reservoirs can reveal natural gas “sweet spots” and enable more profitable, lower impact development of the gas.

The first case study, funded by the U.S. Dept. of Energy-founded Stripper Well Consortium, illustrates how natural gas distributions in coal can vary laterally across 320 acres and vertically across eight coal seams. The study contrasts production profitability for the conventional completion in all zones to an informed completion of only the seams that show favorably economic water/gas production ratios.

The second case study illustrates how a distressed coalbed methane field can be evaluated in order to identify gas-in-place and enable an operator to produce that gas quickly, cheaply, and with the least amount of water production. The distressed field evaluated in this study was one of a number of fields for which water discharge permits were challenged by the Wyoming State Engineer’s Office in 2007 and 2008. The results of the case study were used successfully by the operator to suspend the SEO’s action and allow further development of the field in 2008.

To read the results from both of these studies visit the GST-WellDog website at <http://www.welldog.com/>.

**ABOUT GST-WELLDOG**

Gas Sensing Technology Corp. (GST-WellDog) is a privately held company that uses innovative technologies to evaluate in situ the geochemistry and geophysics of unconventional hydrocarbon

reservoirs, resulting in increased gas production as well as reduced costs and environmental impact for clients. Ten years ago, the principals of GST-WellDog began using Raman spectroscopy to create a tool capable of measuring gas content in coalbed reservoirs. Along the way, they pioneered advances in spectrometer miniaturization, harsh environment sensing, coalbed reservoir simulation, and coalbed reservoir geochemistry. Recently, the company has adapted the platform GST-WellDog technology to address key challenges in carbon sequestration. More information is available on the web at [www.welldog.com](http://www.welldog.com).