C006

Undeveloped Resources in Unconventional Gas Plays

P.J. Brown* (Rose and Associates)

SUMMARY

I gave this presentation for the SPE/AAPG/SPEE Reserves and Resources Estimation Workshop as an invited paper in July (Houston) and am offering it for selection since there are not many papers that have been submitted to this point. The paper was well received but fully understand that it may not be selected unless needed to fill out the technical program agenda.
This paper is offered to the EAGE PBE conference as an as-needed presentation, and is would reprise the paper given at the meeting below:

**SPE/AAPG/SPEE Reserves and Resources Estimation and Reporting- Moving Forward**  
19-20 July, 2011, Houston Texas

Companies and government agencies are often interested in the overall volumetric endowment (and/or remaining undeveloped resource potential) of geologic plays, both conventional and unconventional. Various methods, generally stochastic, are commonly used in the assessment process. This paper will review the different methods used to assess Unconventional Gas plays (tank volume, future well aggregation, charge modeling, and map/grid based approaches), and contrast these methods to approaches used for conventional plays, including issues associated with assessing chance.