

Workshops (cont.)

Shale Gas Project Planning

Saturday/Sunday, 11-12 October 2008

Who Should Attend: Geologists, Engineers and Managers with an interest in the Marcellus and other shale plays in the three eastern basins.

About the Course: The high-volume gas demands in markets such as the United States, Europe, China and India have gained the petroleum industry's attention. In recent years the focus on unconventional gas resources (coal bed gas, shale gas, tight gas sands, and gas hydrates) has increased as gas production from conventional resources decline. Economically producing gas from unconventional sources is critical in alleviating the long-term global demand of energy.

The United States consumes 23.5 Tcf per year of natural gas and produces 18.5 Tcf/year (source: 2006 DOE Energy Information Agency statistics). Shale gas has now become an important part of the energy mix; and gas producers are willing to pursue shale gas ventures to meet the domestic demand.

Formation characteristics such as petrophysical and mechanical properties, in-situ stress analysis, and/or gas-in-place estimates are essential to understand any shale gas reservoirs. Effective and efficient project planning, field operations, and data interpretation are important parts in preparing an exploration program.

Course Content: This is an informative and interactive two-day workshop. Using the fictitious Ganadawao Shale reservoir, industry specialists will guide the participants through the entire pilot shale gas exploration program from understanding the project objectives and incorporating proper analysis, to evaluating data and integrating reservoir modeling techniques. Topics of discussion will include:

- Determining and understanding project objectives
- Understanding exploration technology
- Identifying field service companies
- Recognizing analysis myths and revealing the facts
- Planning field operations
- Interpreting data and integrating reservoir modeling techniques
- Understanding completions design

Duration/Credit Hours: 16 hrs/1.6 CEUs

Instructors: Presentations will be made by recognized experts from Talisman Energy (Fortuna), ReedHycalog Coring Services, and Weatherford Labs, including Ticora Geosciences, Humble Geochemical Services and Omni Labs.

Cost: \$295 (This course is co-sponsored by ReedHycalog)

Limit: 50 participants