AN AAPG SHORT COURSE!

Well Log Analysis

Location: Morgantown, West Virginia
Date: September 17-18, 2005, with AAPG Eastern Section Meeting
Tuition: $100, includes course notes and refreshments
CEU: 1.5 CEU

Who Should Attend
Geologists, engineers, geophysicists, and other professionals with a need to understand the responses of common logging measurements to subsurface conditions, and become familiar with basic openhole well log interpretation techniques.

Objectives and Content
- Offers a “hands-on” approach to basic openhole well log analysis and interpretation.
- Focuses on the traditional interpretation targets of lithology, porosity, and fluid saturation.
- Introduces a variety of interpretation techniques: computational to visual (pattern recognition), and the use of some older techniques in the context of the availability of newer, more extensive, data.

This course addresses logging measurements which are grouped by their interpretation goals, rather than by their measurement physics. The common measurements are described in sufficient detail for an understanding of their response to subsurface conditions (borehole and formation). Exercises using data from a variety of locations and environments reinforce the covered interpretation techniques. Both algorithmic and graphical pattern recognition techniques are covered, as are techniques which use multiple measurements in concert.

The course strives to provide a strong and coherent foundation for the understanding of other, specialized interpretation techniques involving well log data, which are not covered here...

Topics include:
- An overview of petrophysical well log data acquisition
- Description of correlation/lithology, porosity, and resistivity logs
- Determination of lithology, porosity, and fluid saturation from logs
- Interpretive techniques using logs individually and in combination
- Interpretation exercises to reinforce the interpretation methods discussed

Instructor: Daniel A. Krygowski, with ChevronTexaco in Houston, Texas, was formerly a petrophysicist with Landmark Graphics, where he was involved with petrophysical and user interface development in a number of software products, primarily PetroWorks. He previously held a variety of technical and management positions in petrophysics and software development at ARCO and Cities Service Company. He holds M.S. and Ph.D. degrees in geophysics from the Colorado School of Mines.

Registration Form

Name ___________________________ Nickname for Name Tag ____________________  Male  √
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All credit card charges will be processed in U.S. dollars only. All checks must be made PAYABLE TO AAPG IN U.S. DOLLARS AND DRAWN ON A U.S. BANK. Checks made to the Education Department should be written to the AAPG EDUCATION DEPARTMENT.

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