

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 Female
Company _____ Business Phone (AC) _____
Address _____ AAPG Membership Number _____
City _____ State _____ Postal Code _____
Country _____ Also member of: SEG SPE SEPM
E-mail Address _____ FAX Number _____
Professional Specialty _____ Years Experience _____ College Major _____ Highest Degree _____

Registering For: (write in course title and date)

Payment Information: Check enclosed
Credit Card: Master Card VISA American Express Discover Card Diners Club
Card Account Number: _____ Card Expiration Date _____
Printed Name of Card Holder _____ Authorized Signature _____
 Charge full tuition Charge \$50 deposit only

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.

Registration Policy: Mail completed form with full tuition to the AAPG Education Department. **Full tuition is due 4 weeks prior to commencement of course.**

Cancellation Policy: AAPG will refund the tuition, less a \$50 processing fee, if request is received no later than 4 weeks prior to the course (6 weeks on international courses). Cancellation must be made in writing: the registrar will accept cancellation notices by telephone, but all such notices must be followed up by mail, FAX or e-mail. **No refund will be made for cancellations received less than 4 weeks prior to a course being given (6 weeks on international courses).** Nonpayment of tuition does not constitute automatic cancellation. **If no cancellation notice is received by 4 weeks prior to course (6 weeks on international courses), participant is liable for full tuition.** AAPG reserves the right to cancel a course if enrollment is insufficient to ensure proper effectiveness. Substitutions for individuals can be made at any time.

Complete and return this form with tuition to:

AAPG Education Department Phone: (918) 560-2650
P.O. Box 979 Toll-free in U.S.: 1-888-338-3387
Tulsa, Oklahoma 74101-0979 FAX: (918) 560-2678

AAPG NON-ENDORSEMENT POLICY

The American Association of Petroleum Geologists (AAPG) does not endorse or recommend any products and services that may be cited, used, or discussed in AAPG publications or in presentations at events associated with AAPG.