



February 2012

LOS ANGELES BASIN GEOLOGICAL SOCIETY MEETING ANNOUNCEMENT

February 23rd (Thursday) **Thomas M. Howard**, Geologist-Petrophysicist-Image Log Analyst, PayZone Inc., Bakersfield, CA, **will speak on:**

An Introduction to Well Logs, Log Analysis, and Petrophysics

Abstract

Well logs, log analysis, and petrophysics are introduced and briefly explained. The practical need for and use of well logs by explorationists and development geologists are understood in light of the evolution of the logging tools, interpretation methods, and field-wide well-log database management practices. Historically, logging tool design and logging practices have evolved with improved technology, scientific discovery, and greater performance expectations; log analysis and petrophysical interpretation methods have followed. A brief overview of well logs, the basic tools and measurements, the borehole environment, geologic formations, log analysis, and petrophysical interpretation methods is given. Some newer tools and interpretation techniques are also discussed. Finally, despite improvements in tool technology and interpretation methods, database issues can still present challenges and/or obscure opportunities. Some examples and solutions of both are given.

Speaker's Biography

Thomas "Tom" Howard is a solutions-driven Geoscientist and consultant with over 25 years of progressive and diverse experience in development and exploration geology. Prior to becoming a log analyst and petrophysicist, Tom worked extensively as a well-site and project geologist, and as a wire-line engineer. Tom's wireline engineering experience covers extreme ends of the spectrum: from actual, ancient, electric-log logging equipment, still in use today for the water well industry, to nuclear magnetic resonance logging (NMR) in its early industry development days with NUMAR, and later Halliburton, in the late 1990s. Tom's log analysis and petrophysics experience with service companies, and recently as a consultant, include: borehole image logs, conventional open-hole logs, vintage and ancient logs, client interaction, software and workflow development, publishing, and training.

Tom graduated from the University of California at Berkeley in 1983, earning a BA in Earth Sciences. He has co-authored, published, and presented on the use of borehole image logs and QA/QC of field-wide digital databases. Tom is an active member of SPWLA, AAPG, and an affiliate member of SIPES (Houston Chapter), and presently splits his time between Bakersfield (CA), Houston (TX), and travelling on assignment.

Meeting Time, Place, Cost and Reservations

Time:

Thursday, Feb 23rd, 2012

Typical Meeting Agenda

Lunch Served: 11:30 AM to 12:00PM
Announcements: 11:45 AM to 12:00 PM
Guest Speaker: 12:00 PM to 12:30PM
Questions/Close: 12:30 PM to 12:45 PM

Place:

The Grand at Willow Street Conference Center located at 4101 East Willow Street, Long Beach, CA. (562-426-0555). Take Lakewood Boulevard south from the San Diego Freeway (405), turn west onto Willow Street and turn right onto Grand Avenue at the sign for the Center. Park free in the garage structure.

Cost:

**Lunch and Speaker: \$20.00 with reservations,
\$25.00 without reservations**
Students: \$5.00(Lunch and Speaker)

Meeting Reservations:

Make your reservations using our web site at www.labgs.org, or by calling TawnyaHildabrandat(714) 454-7149 or emailing Tawnya_Hildabrand@oxy.com; *Reservations made prior to Tuesday before the meeting are appreciated, but reservations made up to the day before the meeting will be honored.* As always, walk-ins are welcome.

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