

Thursday, September 16, 2004

Petroleum Club • 800 Bell (downtown)
Social 11:30 a.m., Lunch 11:30 a.m.

Cost: \$30 Pre-registered (see deadline below) members, affiliate,
and guests; \$33 Non-members and walk-ups.

Make your reservations by telephone, fax, or e-mail to
Mrs. B. K. Starbuck-Buongiorno

Telephone: (713)651-1639, Fax: (713)951-9659, e-mail: bkspee@aol.com

SIPES Luncheon Meeting

by Roger A. Young,
eSeis, Inc.

New AVO Classification to Develop High-Quality Prospects in the Gulf Coast

A new classification for AVO (amplitude versus offset) is proposed that considers all clastic reservoirs regardless of the polarity of impedance contrast with the overlying shale or its change with increasing offset. The new classification includes ten classes of AVO types.

Examples from the Gulf Coast illustrate the application of this approach in exploration for pressured Wilcox objectives: typical, type II and less-common, type III AVO responses can be productive. Other examples include a classic “AVO-flip” where pressured, brine-filled sand has a negative AVO response and the gas-filled case has a positive AVO response. ■

Biographical Sketch

ROGER YOUNG is Chief Technology Officer and Co-Founder of eSeis, Inc. and has 23 years of industry

experience. Prior to eSeis, Roger worked as a petrophysicist for Union Texas, an integration engineer for Grumman and a logging engineer for Schlumberger.

Roger holds an MS in Petroleum Engineering from the University of Houston and a BS in Physics from Clarkson College of Technology. Roger is an active member of SEG, SPE, AAPG, SPWLA and HGS.



SIPES

One Day Seminar

New Reserves from Mature Trends in the Onshore Gulf Coast
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one as its chairman. He has been involved in the Geophysical Integration Committee (SEG and AAPG). He has been co-chairman of the Denver Geophysical Society's and Rocky Mountain Association of Geologists' annual 3D Seismic Symposium for ten years and running. This symposium has attracted nearly 500 attendees to view state of the art 3D seismic techniques, results and case histories. Bill is currently helping with the 2004 SEG Convention on the technical program committee. Bill is a member of SEG, AAPG, Houston Geological Society, Denver Geophysical Society, Rocky Mountain Association of Geologists and is a registered Professional Geoscientist for the State of Texas.

DICK INDEN is a carbonate sedimentologist/stratigrapher who has more than twenty years in the petroleum industry, university teaching, and government agencies. In 1985, he founded LSSI, a geological consulting firm specializing in the detailed evaluation of carbonate reservoir systems, basin stratigraphic analysis, and

prospect generation. He has experience as a consulting geologist on projects throughout most of the United States, as well as Central America, South America, Europe, Africa, and Australia. Dick received his PhD in Geology from Louisiana State University with post-doctorate work at the University of South Carolina and he taught at the University of South Carolina and Kent State University. Dick has worked with the United States Geological Survey in their Basin Studies Group, with Superior Oil Company as Head of their Stratigraphic Analysis Group, and with MRO & Associates as an exploration geologist generating prospects in the Silurian Reef trend in the Illinois Basin. He has taught the industry short course, “Exploration for Carbonate Reservoirs,” in Denver and to geologists from developing countries. He is a member of the American Association of Petroleum Geologists (AAPG), the Society of Economic Paleontologists and Mineralogists (SEPM), and the Rocky Mountain Association of Geologists (RMAG).