

Thursday, April 19, 2006

Petroleum Club • 800 Bell (downtown)
Social 11:30 a.m., Lunch 11:45 a.m.

Register online, call, fax or e-mail your reservation to Mrs. B.K. Buongiorno at Tel: 713-651-1639, Fax: 713-951-9659, e-mail: bkspee@aol.com by 12:00 Noon, Tuesday April 18, 2005. **Members and Affiliates who register by April 18 pay \$30. The cost is \$35 for guests, non-members, and new registrations at the door.** No-shows will be billed. You can now sign up for SIPES Meetings online at www.sipeshouston.org, but payment is still required by regular mail or at the door.

SIPES Luncheon Meeting

SIPES Meeting

by **Marc H. Helsing**
*Hamman Oil and Refining
Houston, Texas*

Seismic/Sequence Stratigraphy—Applications for the 21st Century

The oil industry is under considerable pressure in its search for hydrocarbons and faces a major challenge in finding significant new reserves. The most easily identifiable structures and amplitude anomalies onshore and offshore have been drilled. The industry has become too reliant upon drilling amplitude anomalies over the last 30 years and has neglected using a complete integration of wells with seismic. Many companies are drilling prospects in the 40- to 100-acre range because of a perceived prospect shortage. Seismic sequence stratigraphic analysis, available to industry for over 25 years, is not being sufficiently utilized to obtain a complete integration of well and seismic data. Such analysis leads to better delineation of depositional environments, reservoir geometry and potential porosity trends. There probably are numerous prospects with substantial reserves both onshore and offshore the Texas and Louisiana Gulf Coast, but they will not be found without a completely integrated analysis. ■

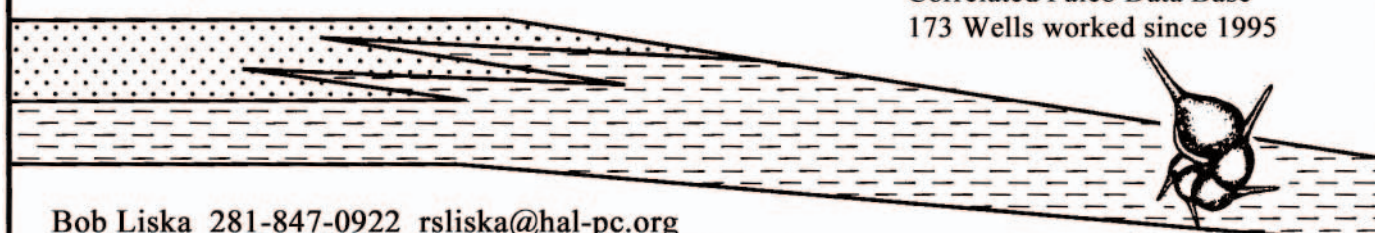
Biographical Sketch

MARC H. HELSINGER is an Exploration Manager with Hamman Oil and Refining with 30 years of experience in the Texas and Louisiana Gulf Coast onshore and offshore. He received his BS in Marine Geology from C.C.N.Y. and his MS and PhD from Rensselaer Polytechnic Institute in Stratigraphy and Sedimentology (Clastics and Carbonates). He is



a Certified Petroleum Geologist, a former National Science Foundation Fellow and a National Defense Fellow. He has been strategically involved for 20 years in using Sequence and Seismic Stratigraphic techniques to develop new trend plays and to generate oil and gas programs. He has been employed by Amoco, Samson, LL&E, and Burlington Resources.

*The industry
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anomalies*

Paleo Control, Inc Drilling Wells - Databases	Wilcox Correlated Paleo Data Base 173 Wells worked since 1995
	
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