

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 November 14, 2006. **Members and Affiliates who register by November 14 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.

by *Phil Martin*

Fishing With Dynamite: 3D Tips and Trip-ups in the Gulf Coast

3D seismic is the critical technology for almost all wells drilled in the Gulf Coast. Although it has been around for 30 years, its use now means the difference between a fantastic or forgettable track record. 3D data and technology were once the privilege of large oil companies but are now accessible to all. As frosting on the cake, 3D provides an excellent bridge between the geological, geophysical, engineering and financial sectors of the energy industry.

Of course track records of companies using identical 3D data and technology can vary greatly, depending on their interpretational skills. And although 3D alone can suffice in some trends, a convergence of multiple geoscience skills is necessary in others.

This presentation will share lessons learned in the hits and misses of one company as it chalked up an 85% success ratio for 36 3D prospects drilled from 2005 to 2006 in Texas and Louisiana. ■

Biographical Sketch

PHIL MARTIN is third generation in earth resources and grew up in the oil patch. His father is a geologist and active SIPES member who worked for Shell before becoming an independent. His grandfather was a mining engineer, and his great-grandfather owned gold mines near Gold Hill, Oregon.

After graduating with a BS and MS in geology from LSU and UL, Phil went to work as an exploration geologist for Union Texas Petroleum. After a few years he became an independent. His company, New Century Exploration, Inc., is an active operator in Texas and Louisiana. Almost all of their recent success is a result of their 3D seismic expertise.

Phil sits on the boards of SIPES, Houston Energy Council and Geological Data Library. He is an active member of AAPG, Houston Geological Society, Geophysical Society of Houston, SEG, Onshore Exploration Independents and Houston Producers Forum.

3D seismic provides an excellent bridge between the geological, geophysical, engineering and financial sectors of the energy industry.

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