

Wednesday, September 29, 2010

Petroleum Club • 800 Bell (downtown)  
Social 11:15 AM, Luncheon 11:30 AM

Cost: \$30 pre-registered members; \$35 for non-members & walk-ups;  
Emeritus/Life/Honorary: \$15; Students: FREE

To guarantee a seat, you must pre-register on the HGS website ([www.hgs.org](http://www.hgs.org))  
and pre-pay with a credit card.

Pre-registration without payment will not be accepted.

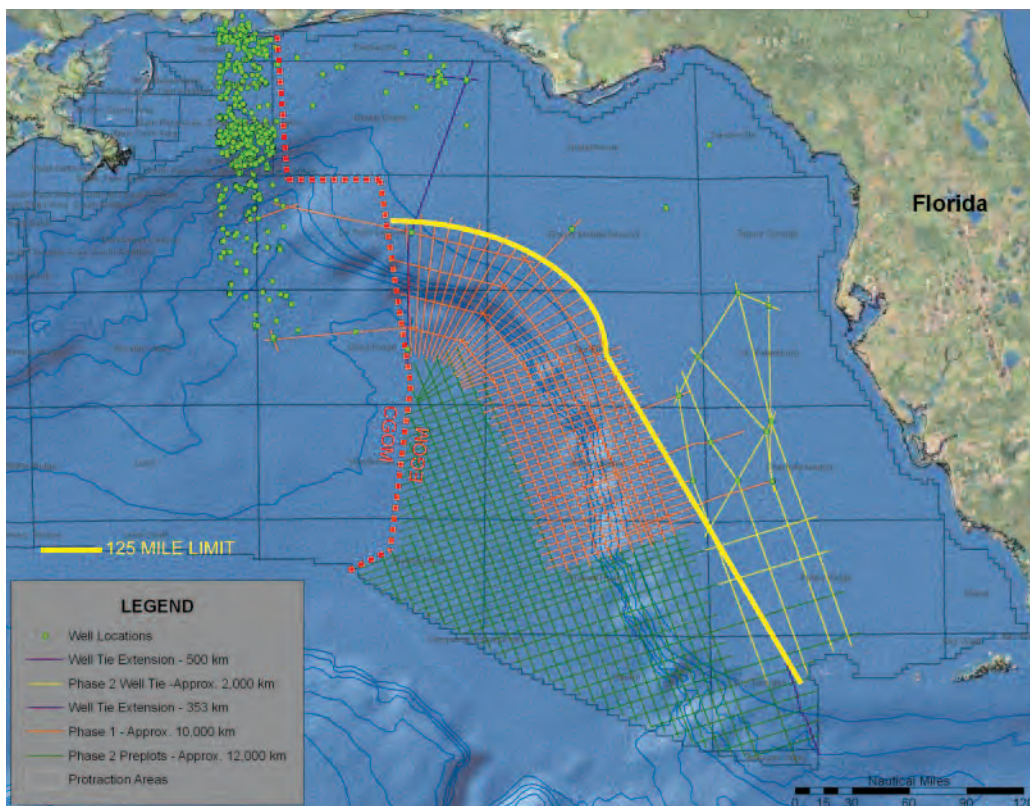
You may still walk up and pay at the door, if extra seats are available.

## HGS General Luncheon Meeting

Greg Hatch  
Spectrum Geo, Inc.

HGS General Luncheon Meeting

# Evaluation of the Structure, Stratigraphy and Hydrocarbon Play Types of Offshore Florida Using Seismic Reflection Data



traps would include Oligocene and Miocene clastic plays and Jurassic/Cretaceous plays associated with salt tectonics.

The extensive seismic data set analyzed provides valuable information that can be used to assess the number and size of undiscovered accumulations in this frontier petroleum province. ■

### Biographical Sketch

Greg Hatch is presently Geological Advisor for Spectrum Geo Inc. in their Houston office. He began his career with Sun Oil in Dallas Texas and subsequently worked for Oryx Energy, Seagull Energy, Unocal, Cabot Oil and Gas, Noble

Offshore western Florida is one of the last frontier exploration areas in the U.S. Gulf of Mexico. This presentation analyzes 11,000 km of recent 2-D seismic data to evaluate the hydrocarbon potential of the area.

The presentation examines future areas of exploration by 1) identification of plays located on trend with existing play types, and 2) proposal of conceptual plays for future exploration.

Exploration play types can be further subdivided into; 1) shallow water, shelf opportunities, 2) moderate water depth, escarpment plays, and 3) deepwater play types.

Play types on the platform include: James Lime, Norphlet sandstone, and Cretaceous reefs and shelf edge fans. Deep water

Energy, and El Paso Exploration and Production. He has 25 years experience as a prospect generator with an emphasis utilizing proven, applied geophysical techniques to successfully explore, exploit, and develop oil and gas resources worldwide.

Mr. Hatch is an active member of the Society of Exploration Geophysicists, the American Association of Petroleum Geologists, and the Houston Geological Society. His education includes a Bachelor of Science and Master of Science degree in geology, with a geophysics thesis, both from Northern Illinois University.

