

Tuesday, December 17, 2013

Hyatt North Houston (former Crowne Plaza Hotel - Greenspoint)  
425 North Sam Houston Pkwy E

Social 11:15 AM, Luncheon 11:30 AM

**Cost: \$31 pre-registered members; \$35 for non-members/walk-ups**

To guarantee a seat, pre-register on the HGS website & pre-pay by credit card.

Pre-registration without payment will not be accepted.

Walk-ups may pay at the door if extra seats are available.

## HGS Northsiders Luncheon Meeting

*Erik Scott*  
Talisman Energy USA Inc.

# Characterizing the Hydrocarbon Potential of a Paleo Stepped Slope Setting, Offshore Sabah

The exploration effort currently underway in Talisman Malaysia on blocks in Eastern Malaysia, offshore Sabah, Borneo include establishing a new play in this area. Historically, previous drilling in the blocks has primarily tested the topset shelfal play system. Through new 3D seismic volumes, reprocessed 2D lines, remaining potential of the blocks are being identified. Initial evaluation of the Saracen 3D seismic volume on the north eastern portion of block SB309 identified the potential of a deep water reservoir play in the underexplored deeper part of the stratigraphic section. Investigation of the Stage 4A and 4B stratigraphy in the Saracen 3D seismic shows a number of basins along a stepped slope profile that could hold turbiditic channel and distributary systems. Seismic attribute extractions of the fill of these basins indicate patterns consistent with sediment distribution from turbidites and other sediment gravity flows. Mitigation of the main risks of reservoir quality and updip seal include detailed analysis of the seismic data as well as incorporating global analogues. ■

### Biographical Sketch

ERIK SCOTT is a Sedimentology/Stratigraphy Advisor for Talisman Energy in the Woodlands, Texas, who works on a wide variety of projects in both exploration and production. Over his career, he has engaged in stratigraphic analyses of numerous areas that include the Gulf of Mexico, North Sea, offshore West Africa, southeast Asia, onshore North America and the eastern Mediterranean. He received a Ph.D. in geology from Louisiana State University, studying under Dr. Arnold H. Bouma, with whom he investigated the influence of tectonics and structure on deep water sedimentation based on the turbidite outcrops in the Karoo Basin of South Africa.

