


## David Barthelmy

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**From:** Web Manager [hgs@schipul.net]  
**Sent:** Wednesday, February 29, 2012 4:03 PM  
**To:** daba@wt.net  
**Subject:** HGS Events in March



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# HOUSTON GEOLOGICAL SOCIETY

Explore Our Connections

Hello David,

**Monday March 12**  
**HGS Dinner Meeting at the Westchase Hilton**  
**Bed-Scale Facies Variability in Gas-Shale Reservoir Analogs: Cretaceous Eagle Ford Formation, SW Texas**  
**Speaker: Daniel Minisini, Shell**  
[Register for Meeting March 12](#)

The Maverick Basin has become a target for unconventional shale-gas production in Cretaceous carbonate and clastic deposits, including the Eagle Ford shale. In SW Texas, the Eagle Ford shale is ca. 70 m (230 ft) thick and along fresh road cuts, is exposed in outcrops up to 500 m (1640 ft) long that allow stratigraphic correlations for 320 km (200mi). Using measured sections, sedimentological descriptions, photomosaics, thin sections and gamma-ray logs, this study characterizes scales of lithological heterogeneity in the deposits of the Eagle Ford Fm., which is a cropping out formation analog for producing shale-gas reservoirs in the adjacent Maverick Basin.

**Wednesday, March 14**  
**HGS E & E Dinner Meeting at the Black Lab in the Churchill Room**  
**Due Diligence for Sustainable Development of Unconventional Oil & Gas Resources**  
**Speaker: Bill Spence, ERM**  
[Register for Meeting March 14](#)

The shale industry is under scrutiny. The new operating environment requires company exercise a higher standard of care in conducting operations. This presentation will address the need to perform due diligence and describe ERM's unique front end loaded approach to due diligence to sustainable development of unconventional oil and gas resources. Bill Spence has provided transaction oversight to approximately 20 unconventional oil and gas plays in North America.

**Africa Conference - Call for Papers due March 16**  
**The HGS-PESGB Africa Conference will be in Houston, September 11-12**  
<http://www.hgs.org/en/cev/1450>

A program of talks, technical posters and vendors exhibits will be presented at the Westin Houston Memorial City Hotel. The conference series, organized by the Houston Geological Society (HGS) and Petroleum Exploration Society of Great Britain (PESGB) covers all aspects of African E&P, with particular emphasis on new ideas for plays and prospects, the geology of the continent and its conjugate margins and application of emerging technologies.

Short abstracts should be submitted as soon as possible and no later than March 16, 2012, to the technical committee, [africa2012@hgs.org](mailto:africa2012@hgs.org). The program will be finalized by the end of April. Extended abstracts and information on the sponsors will be included in the conference CD and proceeding. To become a sponsor or inquire about exhibit space contact [lucyplant@hgs.org](mailto:lucyplant@hgs.org) or [office@hgs.org](mailto:office@hgs.org).

Early bird registration will be available from April 2012, further details will be appear in the HGS and PESGB bulletins and websites.

**Monday, March 19**

**HGS International Dinner at the Hilton Houston Westchase  
New Insights on Stratigraphy of Triassic / Jurassic Sequences in the Barents Sea**

**Speaker: Heather Stilwell, Chemostrat**

[Register for Meeting March 19](#)

The Barents Sea is a complex mosaic of basins and platforms that have been the recipients of intracontinental sediments from early Triassic (c.240mya) to early Cenozoic (c. 60mya). In Norwegian waters there is proven resources of 260-300 billion cubic meters of gas and minor oil, with most reserves being in Jurassic, and to a lesser extent Triassic sandstones. Historically, development of the area has been slow, due largely to its gas-prone system. However, with the continued development of new and improved LNG technologies, gas-prone areas, such as the Barents Sea are experiencing a rapid increase in exploration activity.

**Monday, March 26**

**HGS North American Dinner at the Westchase Hilton  
The Effect of Chicxulub on the Deepwater Gulf of Mexico**

**Speakers: Erik D. Scott and Richard A. Denne, Marathon Oil**

[Register for Meeting March 26](#)

Although numerous academic studies have examined outcrops and DSDP / ODP cores to determine the effects of the Cretaceous / Paleogene (K/Pg) boundary Chicxulub Impact globally and along the margins of the Gulf of Mexico, industry in general has been slower to recognize its extensive impact on the deepwater Gulf of Mexico. The sediment redistribution caused by the Chicxulub impact filled in the available accommodation space around the salt highs, on the highs themselves and altered the seafloor topography across the northern Gulf of Mexico. At this time there existed an efficient transportation pathway from shelf to deep water that likely influenced the sedimentation patterns of the subsequent sediment gravity flows of the Wilcox Group.

**Wednesday, March 28**

**HGS General Luncheon at the Petroleum Club, downtown Houston**

**Speaker: Martin Cassidy, University of Houston**

**Sub-aerial Basins Below Sea Level Provide Unexpected Reservoirs**

[Register for Meeting](#)

Throughout geologic history there have been large sub-aerial basins below sea level. There are two times in the plate tectonic cycle when such basins are likely to form: during the rifting of cratons and when old basins are sealed off during collisions. Examples of the former include the Afar Basin at 410 feet below mean sea level (bmsl), the southern North Sea Basin at 750 feet bmsl and the South Atlantic basins. Examples of the latter include the Mediterranean during Messinian time at 10,000 feet bmsl, the Black Sea at 550 feet bmsl and the Gulf of Mexico during deposition of the Jurassic Norphlet sands and perhaps the shallow water to sub-aerial Paleocene Wilcox sands at ~6,000 feet below sea level.

**Wednesday, April 4**

**HGS Short Course, a one day course at the Bureau of Economic Geology Houston branch on West Little York Rd.**

**"Reservoir Characteristics and Production Properties of Shale Gas"**

**Instructor: Randy Miller, Core Lab**

[Register for Short Course April 4](#)

This course is an introductory course in shale reservoir evaluation. It includes reservoir geology in terms of depositional facies, mineralogy, fractures and rock type delineation. Participants will get training in the various aspects of reservoir characterization of shale reservoirs and to increase the knowledge of how these reservoirs may behave based on their key reservoir properties. Participants will learn how to make sure they are "targeting the right shale" and what type of production levels can be expected.

**Friday, April 13**

**HGS Tennis Tournament, Houston Racquet Club 11:30 am to 5:00 pm**

**Details on Registration at <http://www.hgs.org/en/cev/1449>**

**Monday, April 23**

**HGS Short Course at Western Geco, Richmond Avenue, Houston**

**"Geomechanics for Effective Shale Gas Exporation"**

**Instructor: Don Lee, Schlumberger**

[Register for Short Course April 23](#)

Geomechanics Fundamentals: Why is geomechanics important in unconventional reservoirs? What unconventional gas exploitation challenges can geomechanics help solve? How can geomechanical analysis help with optimizing planning and operations? Rock Mechanics Basics - concepts of stress, strain,

mechanical properties, static and dynamic, in-situ stresses, rock failure and pore pressure.

### **GUEST NIGHT Update**

**Saturday, May 19**

<http://www.hgs.org/en/cev/1435>

Watch the HGS website for updates from Susan Eaton, our May 19 Guest night speaker. She is in Antarctica this month and will be sending blog updates on the science expedition as the team studies Antarctic climate.

Read the travel updates and a live map of where the team is located each day on the ice at

<http://www.expedition.2041.com/2012/>.

### **Special Event notices from Geophysical Society of Houston!**

**GSH Spring Symposium**

**Wednesday & Thursday, April 11-12, 2012**

**Westchase Hilton Hotel**

"Reservoir Geophysics and Interpretation" honoring Dr. Robert Sheriff.

Register at GSH website <http://www.gshtx.org/en/cev/788>

### **Spring Conferences to plan for:**

**2012 Oil History Symposium**

**Thursday thru Saturday, March 8 - 10, 2012**

**Hess Tower, downtown Houston**

<http://www.hgs.org/en/cev/1424>

Speakers include Dan Jarvie, Tyler Priest, Jeff Spencer and Charles Sternbach. Friday Awards dinner honors oil man Herbert Hunt. The conference will include field trips. Check for more information on their site

<http://www.petroleumhistory.org/>. Registration deadline is February 20th, please mail check to: Petroleum History Institute, P.O. Box 165, Oil City, PA 16301-0165. For questions please call Jeff Spencer at 281-731-5823, or email [spencerj320@gmail.com](mailto:spencerj320@gmail.com).

**South Central GSA meeting, Alpine, Texas, Sul Ross University**

**March 8 & 9**

**Paradise or Purgatory: Geology in the Big Bend**

<http://www.geosociety.org/sections/sc/2012mtg/>

**AAPG Annual Convention in Long Beach, California**

**April 22nd to 25th**

<http://www.aapg.org/longbeach2012/>

**AAPG Elections are coming in April. Watch for Ballots and remember to vote.**



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