

David Barthelmy

From: Web Manager [hgs@schipul.net]
Sent: Wednesday, March 21, 2012 4:53 PM
To: daba@wt.net
Subject: HGS Events in March & April



14811 St. Marys Lane Ste 250 | Houston, TX 77079 | Tel: 713-463-9476

HOUSTON GEOLOGICAL SOCIETY

Explore Our Connections

Hello David,



We Have Moved!!

We will be in the same building but a new suite (and taking our "sweet" # 250 with us)
! Come and see our new DIGS!

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

<http://www.hgs.org/en/cev/1371>

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

Sub-aerial Basins Below Sea Level Provide Unexpected Reservoirs

Speaker: Martin Cassidy, University of Houston

<http://www.hgs.org/en/cev/1353>

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

<http://www.hgs.org/en/cev/1453>

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

<http://www.hgs.org/en/cev/1454>

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

Guest Night registration is open at: <http://www.hgs.org/en/cev/1435>

Susan Eaton is on a science expedition called 2041 International Antarctic Expedition lead by Robert Swan, famous polar explorer. Susan is sending updates using Twitter and you can follow her at @SusanREaton_Geo. Here are the dispatches to far <http://www.hgs.org/en/art/3141/>

As the sole geoscientist on the expedition, Eaton will study geothermal energy, a 24/7 renewable energy source that's independent of the number of hours of sunlight in a day or of the wind speed. As a geoscientist, she will also emphasize the key role that the disciplines of geology and geophysics play in studying climate change in Antarctica and around the world. Her presentation, entitled "A Geoscientist in Antarctica: Following in Shackleton's Footsteps," will be presented at the IMAX Theatre of the Houston Museum of Natural Science. You can follow the mission on its website <http://expedition.2041.com/> and the facebook page <http://www.facebook.com/2041robertswan>.

Spring Conferences to plan for:

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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HGS - 14811 St. Marys Lane Suite 250 Houston, TX 77079