

Mudrock Systems Research Laboratory Organizational Workshop

Bureau of Economic Geology

BEG Houston Core Research Center
Houston, TX
November 5, 2008

AGENDA

PowerPoint Presentations: HRC Conference Room.

- 8:30 AM Introduction to Mudrock Research Programs at the Bureau of Economic Geology:
Potter
- 8:45 AM Inter- and intrabasinal variations in mudrock properties: causes, significance, and
challenges: *Ruppel*
- 9:10 AM Approaches to understanding the geology of shale-gas systems: Example
from the Barnett Shale, Fort Worth Basin: *Loucks*
- 9:35 AM Lithologic heterogeneity in mudrocks and techniques for characterization: *Milliken*
- 10:00 PM BREAK
- 10:15 PM Clay fabric anisotropy in mudrocks: cause and effect: *Day-Stirrat*
- 10:40 PM Nanoscale imaging: implications for mudrock porosity: *Reed*.
- 11:05 PM Tracking the evolution of geomechanical properties of mudrocks with time:
relevance for fracture formation: *Gale*
- 11:30 PM CATERED LUNCH AND CORE VIEWING
- 1:00 PM Geochemical Constraints on the Deposition of Organic-Rich Devonian-Mississippian
Mudstones: *Rowe*
- 1:25 PM Summary of Engineering issues in mudrock systems: *Wang*.
- 1:50 PM Shale gas characterization and fluid flow modeling: *Javadpour*
- 2:15 PM Gas Geochemistry in Shale Gas Exploration and Production: *Zhang*.
- 2:40 PM Structure and Funding of the MSRL: *Ruppel, team*.
- 3:00 PM ADJOURN

Cores on Display

Barnett

Central Ft. Worth Basin: Blakely #1, Wise County Texas: *Team*

Southwestern Ft. Worth Basin: HOM MC-1, McCulloch County, Texas.

Woodford

Pioneer RTC #1, Pecos County, Texas