

Review Meeting
Mudrock Systems Research Laboratory
Bureau of Economic Geology
Austin, TX
MARCH 9-10, 2011

AGENDA

Day 1. March 9 Wednesday

8:00 AM – 5:00 PM: Powerpoint presentations

8:00 – 8:15 AM Welcome: *Tinker*
8:15 – 8:30 AM Unconventional Research at the Bureau: *Potter*
8:30 – 8:45 AM Status of MSRL Research Activities – Present and Future: *Ruppel*

Special Session on Hybrid Mudrock Resource Plays

8:45 – 9:00 AM Introduction to Hybrid Plays: *Ruppel*

The Cretaceous Pearsall Shallow Platform System of the Maverick Basin

9:00 – 9:10 AM Introduction of Pearsall shale-gas play: *Loucks*
9:10 – 9:25 AM Regional geologic overview of Sligo to Glen Rose stratigraphy: *Phelps*
9:25 – 9:55 AM Wireline-log-based regional stratigraphy and structure of the Pearsall: *Hentz*
9:55 – 10:10 AM BREAK
10:10 – 11:00 AM Pearsall stratigraphy, facies and petrography: *Hull*
11:00 – 11:35 AM Pore networks, thermal maturity, and Organic Carbon: *Loucks*
11:35 – 12:00 PM Mineralogy and diagenesis: *Milliken*
12:00 – 12:55 PM LUNCH
12:55 – 1:25 PM Pearsall Elemental Chemistry and Chemostratigraphy: *Rowe*
1:25 – 1:40 PM Pearsall discussion: *Loucks*

Deep Water Slope-Basin Systems in the Permian Basin

1:40 – 2:10 PM The Spraberry/Dean/Wolfcamp - "Wolfberry" System: *Hamlin*
2:10 – 2:40 PM The Bone Spring/Wolfcamp – "Wolfbone" System: *Nance*
2:40 – 3:10 PM The Atoka Pennsylvanian System: *Loucks*

Introductions to Core Posters and Posters

3:10 – 3:25 PM Pearsall: *Loucks*
3:25 – 3:35 PM
3:35 – 3:45 PM Bone Spring: *Nance*
3:45 – 3:55 PM Spraberry/Dean/Wolfberry: *Hamlin*
3:55 – 4:05 PM Haynesville: *Frebourg*
4:05 – 4:15 PM Eagle Ford: *Harbor*
4:15 – 4:25 PM Effect of organic type and thermal maturity on gas adsorption: *Zhang*
4:25 – 4:40 PM Elemental Chemistry and Chemostratigraphy of Mudrocks: *Rowe*

5:00 PM - ??: Icebreaker & Poster and Core presentations

Core Posters

- Eagle Ford: *Harbor*
- Pearsall: *Hull & Loucks*

- Bone Spring: *Nance*
- "Wolfberry": *Hamlin & Baumgardner*
- Haynesville: *Frebourg*

Posters

- Pearsall Elemental Chemistry and Chemostratigraphy I: *Castilleja*
- Pearsall Elemental Chemistry and Chemostratigraphy II: *McAfee*
- Eagle Ford Elemental Chemistry and Chemostratigraphy: *Nikirk*
- Pennsylvanian-Permian Chemostratigraphy, Permian Basin: *Cortez*
- Haynesville Elemental Chemistry and Chemostratigraphy: *Mainali*
- Barnett Elemental Chemistry and Chemostratigraphy, Ft. Worth basin: *Hoelke*
- Haynesville Isotope Chemistry: *Jabri*
- Woodford Isotope Chemistry: *Howard*
- Mudrock Classification System: *Loucks*
- Effect of organic type and thermal maturity on gas adsorption: *Zhang*

Day 2. March 10 Thursday

8:00 AM – 3:00 PM: Powerpoint presentations

Evolving Concepts in Other Mudrock Systems

8:00 – 8:30 AM	Sequence stratigraphy in mudrock systems – reality or fantasy: <i>Ruppel</i>
8:30 – 9:00 AM	Depositional environments and sequence stratigraphy of the Haynesville: <i>Hammes</i>
9:00 – 9:30 AM	Sedimentary features and facies of mudrocks: <i>Frebourg</i>
9:30 – 10:00 AM	Mudrock pore systems: <i>Reed</i> .
10:00 – 10:15 AM	BREAK.
10:15 – 10:45 AM	Elemental Chemistry and Chemostratigraphy of mudrock systems: <i>Rowe</i>
10:45 – 11:15 AM	Application of Rock-Eval pyrolysis in defining hydrocarbon saturation: <i>Jarvie</i>
11:15 – 11:45 AM	Organic geochemistry and hydrocarbon resources: <i>Zhang</i>
11:45 – 12:15 PM	Permeability and flow modeling: <i>Javadpour</i>
12:15 – 1:00 PM	LUNCH
1:00 – 1:30 PM	Mudrock Petrophysics - Haynesville: <i>Eastwood</i>
1:30 – 2:00 PM	Value of 3D seismic in the Eagle Ford: <i>Ogiesoba</i>
2:00 – 2:30 PM	Engineering issues in mudrock systems: <i>Wang</i>
2:30 – 2:45 PM	Meeting Wrap-up and discussion: <i>All</i>

Adjourn

NOTE: Above activities will be held in the Li'l Texas room (#1122) and the adjoining atrium of the Commons building at the Pickle Research Campus.

Other Activities

March 8 Tuesday

1:00 PM – 4:00 PM: MSRL Petrology/Petrography Interest Group Meeting

NOTE: This meeting will be held at the Bureau of Economic Geology Main Building on March 8, the day BEFORE the MSRL main meeting. Attendance is limited. If you are interested, contact Kitty Milliken (kittym@mail.utexas.edu).