November 20, 2006

Greetings fellow EMD members!

The purpose of this newsletter is to keep you informed of current activities of the Energy Minerals Division. We are currently embarked on a mission to greatly improve services to EMD members, through an ambitious and exciting set of initiatives described in the following section “AAPG All-Division workshop, Dallas”, and we invite your questions or comments on how we can serve you better in the upcoming year.

AAPG All-Division workshop, Dallas

Members of the EMD/DEG/DPA Executive Committees met in Dallas on August 25, 2006, for the second AAPG All-Division workshop. Hermann Eben chaired the meeting with the objective of reviewing and setting current goals for the Divisions. Some of EMD’s significant goals include:

✓ Enhance the entire EMD web site to include, for each commodity section, the following: an overview of plays, commodity reports, committee reports, workshops, presentations, publications, abstracts, calendar, references, web links, meetings, region activities and EMD Technical Fields Information.

Results and Actions:

This year’s new Web Committee Chair Creties Jenkins and Advisor Brian Cardott, who greatly improved the EMD web site last year, are working with David Campbell and AAPG staff members Janet Brister and Norma Newby to add to the members-only section of the web site a variety of technical documents and summaries of energy-minerals activities of interest to EMD members. Selected items include:

Energy Mineral Resources

Coal
Updated calendar of conferences and events posted in the “coal committee” section.

EMD column for the August, 2006 issue of AAPG EXPLORER, “FutureGen holds promise for coal”, has been posted in the “EXPLORER Articles” section.

Coalbed Methane
PowerPoint slide set and abstract: “Depositional Systems and Sedimentary Facies of Coal-Forming Environments”, by William A. Ambrose from AAPG Short Course “Exploration and Development of Sorbed Gas Reservoir Systems” posted in “coalbed methane committee” section.

Gas Hydrates

Gas Shales

PDFs of 6 presentations posted from the Gas Shales Workshop—May 2006, SW Section Annual Meeting, and Updated calendar of conferences and events posted in the “shale gas committee” section.

EMD column for the November, 2006 issue of AAPG EXPLORER “Gas shales tricky to understand”, has been posted in the “EXPLORER Articles” section.

continued on next page
Uranium
Updated calendar of conferences and events posted in
the "uranium committee" section.

Web links and literature references updated and posted
November 1, 2006 in the "uranium committee" section.

Conventions

2006 AAPG International Convention (Perth)
Abstracts from the following technical sessions have
been posted:
- Geothermal and Alternative Energy Technology (EMD
technical session)
- Geothermal and Alternative Energy Technology Posters
  (EMD technical session)
- Coal Bed Methane Technology and Developments
  (EMD/TSOP technical session)
- Oil from Coal Sources (EMD/TSOP technical session)
- CO₂ Sequestration – Concepts and Future Plans
  (EMD/DEG technical session)
- CO₂ Sequestration – Concepts and Future Plans
  Posters (EMD/DEG technical session)

 ✓ Increase the visibility of EMD within each region by increasing
   the number of EMD-sponsored technical sessions and
   workshops.

  EMD Councilors and Conference Vice Chairs have
  been actively promoting a variety of new technical
  sessions, workshops, and field trips at upcoming AAPG
  Conferences. For further details, please see the
  following section “EMD Sessions at Upcoming AAPG
  Meetings”

 ✓ Redouble efforts to complete EMD-sponsored publications.
  These publications include:
  - EMD/DEG volume on CO₂ Sequestration: “Carbon
    Dioxide Sequestration in Geological Media - State
    of the Art”
  - Coal Atlas CD (2nd Updated Version)
    Potential and Associated Geologic Hazards”
  - EMD Commodity reports in the scientific quarterly
    journal “Natural Resources Research”
  - GIS: “Geospatial Technology Applications for
    Exploration and Production of Energy Resources”

EMD representation at AAPG Regional
meetings

I attended the Gulf Coast and Eastern Section meetings held
in Lafayette, LA in September and Buffalo, NY in October. I also
gave a summary presentation of EMD activities at the DPA
luncheon in Lafayette, as well as at the Awards Ceremony and
all-division luncheon in Buffalo. Several members of the EMD
Leadership Committee gave presentations at these meetings,
including: Hydrodynamic control of coalbed methane reservoir
performance in the Black Warrior Basin (Jack C. Pashin),
“Geochemistry and thermal maturity of the late Mississippian
Fayetteville Shale Formation, eastern Arkoma Basin and
Mississippi Embayment region, Arkansas” (Ed Ratchford), “The
Coalbed methane potential of Louisiana and Texas” (Andrew
Scott), and “FutureGen: Clean-Coal and near-zero-emission
power generation technology for the Gulf Coast” (William A.
Ambrose) at the GCAGS Convention. EMD President-Elect Doug
Patchen presented “Trenton-Black River play overview, research
summary and resource assessment” at the Eastern Section
AAPG Convention.

EMD Sessions and representation at the
AAPG International meeting

EMD sponsored or co-sponsored 4 sessions at the
International AAPG Convention in Perth, Australia from
November 5-8, 2006. These sessions were: (1) Petroleum
Systems Elements and Evaluation Techniques, (2) Oil from Coal
Sources, (3) CO₂ Sequestration — Concepts and Future
Directions (co-sponsored with DEG), and (4) Non-Conventional
Hydrocarbon/Energy Resources. Linda Stalker and Malcolm
Bocking represented EMD at the conference and organized an
EMD coalbed gas technical session.

EMD Sessions at Upcoming AAPG Meetings

2007 Annual AAPG Convention (Long Beach, CA)
EMD will sponsor or co-sponsor 4 sessions at the 2007
Annual AAPG Convention in Long Beach, California from April 1-
4, 2007. These sessions are: (1) Shale Gas, (2) Coal: Energy
Source, CO₂ Sink, Paleoenvironmental Archive (co-sponsored
with DEG), (3) Heavy Oil Provinces of the World, and (4)
Alternative Energy Sources. Apollo 17 astronaut and renowned
author Harrison H. (Jack) Schmitt will be co-chairing the session
on alternative energy sources. The EMD Luncheon, scheduled for
Wednesday, April 4, will feature Dr. Vince Matthews, Director of
the Colorado Geological Survey, who will to speak on the topic of
“China and India’s Ravenous Appetite for Natural Resources -
Their Potential Impact on Colorado”. Stephen M. Testa (contact
at stephen.testa@conservation.ca.gov) is the EMD Vice-Chair for
the convention.

2007 GCAGS Convention (Corpus Christi, TX)
Gulf Coast Councilor Mike Wiley is working with the GCAGS
Technical Planning Committee to arrange EMD technical
sessions at this meeting.

2008 Annual AAPG Convention (San Antonio, TX)
Donna Balin is the EMD Vice Chair, Gulf Coast Councilor
Mike Wiley is the EMD Technical Chair, and Amy Sullivan is the
EMD Short Course/Field Trip Chair for the 2008 Annual AAPG
Convention in San Antonio scheduled for April 20-23. Together,
they are arranging a diverse array of EMD technical sessions,
workshops, and field trips. Preliminary topics include:

- Uranium and Groundwater Issues (EMD/DEG)
- Coalbed Methane
- Geospatial Technology
- Gas Shale
- CO₂ Sequestration and FutureGen (EMD/DEG)
- Gas Hydrates
- Remote Sensing
- Alternative Energy
- Earth-Lunar Energy Minerals (EMD/Astrogeology)
- Geothermal Energy
- Coal and Texas Lignite
2009 Annual AAPG Convention (Denver, CO)

I am pleased to announce that EMD Rocky Mountain Councilor Laura Wray is the EMD Vice Chair for the 2009 AAPG Annual Convention in Denver.

Interaction with other Societies

EMD provided a membership mailing list to the Canadian Society for Unconventional Gas (CSUG) to use to advertise their up-coming annual meeting, which will be held in Calgary November 15-17, 2006. In return for use of the EMD mailing list, CSUG will place EMD brochures in all of the registration bags for annual meeting registrants. EMD Canada Councilor Andrew Beaton will represent EMD at the CSUG Convention. Information about the convention can be found at the following web address: http://www.csug.ca/calc.html.

EMD column in the AAPG EXPLORER

EMD published two short articles in its quarterly column in the AAPG EXPLORER in the last half of 2006:


Upcoming EMD articles in the AAPG EXPLORER in the first half of 2007 will include:

- February, 2007: Highlights of EMD-sponsored activities at the 2007 Annual AAPG Convention in Long Beach, by EMD Vice Chair Stephen M. Testa.
- May, 2007: Recent activities in the uranium industry (Preliminary title), by Uranium Committee Chair Michael D. Campbell.

EMD articles in the scientific quarterly journal NATURAL RESOURCES RESEARCH

EMD is compiling technical reports for an annual review article which will be published by the journal Natural Resources Research. These technical reports, which will be compiled into a single review article by EMD Past President Peter Warwick, will be a review of emerging technology and energy economics, geospatial information, current and recent activities, as well as summaries of production and reserves for a wide variety of energy mineral commodities (coal, coalbed methane, gas hydrates, gas shale, geothermal resources, oil (tar) sands, oil shale, and uranium). These technical reports are scheduled to be published in early 2007.

2007 EMD Officer Candidates

The following is a list of the 2007 EMD officer candidates. Biographical information will be posted on the EMD members-only website and members will receive ballots in the mail along with the spring newsletter.

- PRESIDENT-ELECT (2007-08; President 2008-09)
  - Michael D. Campbell, Campbell and Associates, L.P., Houston, TX
  - Cretties Jenkins, Degolyer and Macnaughton, Dallas, TX

- VICE PRESIDENT (2007-08)
  - Larry M. Knox, Dominion Exploration & Production, Inc. Houston, TX

- TREASURER (2007-09)
  - Neil S. Fishman, U.S. Geological Survey, Denver, CO
  - K. David Newell, Kansas Geological Survey, Lawrence, KS

- GULF COAST SECTION COUNCILOR (2007-09)
  - Michael A. Wiley, Consultant, Canyon Lake, TX

- SOUTHWEST SECTION COUNCILOR (2007-09)
  - Jeffrey R. Levine, Consultant, Richardson, TX

- CANADIAN COUNCILOR (2007-09)
  - Andrew P. Beaton, Alberta Geological Survey, Edmonton, AB

EMD Membership

The EMD membership analysis, which can be accessed on the EMD members-only part of the web site, has been updated by Norma Newby to November 1, 2006. We welcome the 50 new EMD members who have joined in the last 12 months, and appreciate the continued support from EMD sustaining members as well.

Midyear EMD Teleconference

The EMD midyear leadership teleconference is scheduled for November 18. Reports from the teleconference will be posted on the members-only web site.

In closing, please contact me or any of the EMD leadership members if you are interested in contributing to the leadership of the organization, or have any ideas or comments on how EMD can better serve you and the geologic community.

Sincerely,

William A. Ambrose,
EMD President (2006-2007)