



ENERGY  
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DIVISION



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TOGETHER FOR THE  
BENEFIT OF ALL

To: AAPG EMD Executive Committee, Committee Chairs, Councilors, Meeting Chairs and Vice-Chairs, AAPG Representatives

Subject: AAPG EMD Executive Committee Teleconference

Date & Time: 10:00 AM CDT, Tuesday, August 3, 2010

**Invitees:** EMD Executive Committee, Committee Chairs, Councilors, Meeting Chairs and Vice-Chairs, AAPG Representatives

## Teleconference AGENDA

(Version 8/3/2010)

### *Agenda Items:*

Meeting Brought to Order by Michael D. Campbell, EMD President (2010-2011):

Secretary to Call the Role: √ = present

#### **Executive Committee:**

- √ Michael Campbell, President
- √ Frank Walles, Past President
- √ Stephen Testa, President-Elect
- √ Genevieve Young, Vice-President
- √ Fran Hein, Secretary
- √ Kent Bowker, Treasurer

#### **Commodity Committees:**

- √ Andrew Scott, Chair, Coalbed Methane Committee ( Rep. √ Edgar Covarrubias)
- √ Art Johnson, Chair, Gas Hydrates Committee
- √ Creties Jenkins, Chair, Gas (Tight) Sands Committee
- √ Neil Fishman, Chair, Gas Shales Committee
- √ Debra Higley, Chair, Oil (Tar) Sands Committee
- √ Jeremy Boak, Chair, Oil Shale Committee
- √ William Ambrose, Chair, Coal Committee
- √ Michael Campbell, Chair, Uranium (Nuclear Minerals) Committee
- √ Richard Erdlac, Chair, Geothermal Energy Committee
- √ Richard Bost, Chair, Renewable Energy Committee

#### **Supporting Committees:**

- √ Jeremy Platt, Chair, Energy Economics & Technology Committee
- √ Jack Pashin, Chair, Publications Committee
- √ Brian Cardott, Chair, Honor & Awards Committee
- √ Michael Campbell, Chair, Website Committee

#### **EMD Councilors, Sections and Regions:**

**Sections:**

- ✓ Mike Wiley, Councilor, Gulf Coast Section
- Charles Boyer, Councilor, Eastern Section
- ✓ David Newell, Councilor, Mid-Continent Section
- Michael Party, Councilor, Southwest Section
- ✓ Dave Tabet, Councilor, Rocky Mt. Section
- James Clough, Councilor, Pacific Section

**Regions:**

- ✓ John McCracken, Councilor, Canada Region
- Philippe Safa, European Region
- ✓ Jeff Aldrich, AAPG European Region Liaison
- Barry Goldstein, Councilor, Asia/Pacific Region
- Jose Araiza, Councilor, Latin America Region

**AAPG Meeting Vice-Chairs:**

- ✓ Paul Basinski, Vice-Chair, Houston AAPG 2011 ACE
- Harris Cander, Assistant Vice-Chair, Houston AAPG 2011 ACE
- ✓ Dale Reitz, Vice-Chair, Denver AAPG 2011 Unconventional Systems Conference

**Standing Committee:**

- Brian Cardott, Chair, Honors & Awards Committee
- ✓ Michael Campbell, Chair, Website Committee

**AAPG Representatives:**

- ✓ Norma Newby, AAPG-EMD Division Manager
- Rick Fritz, AAPG Executive Director
- ✓ Sam Limerick, EMD Liaison to AAPG GIS Committee
- ✓ Jeff Aldrich AAPG European Region Liaison
- ✓ Kim Barrico

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**Introduction**

Secretary to Present Minutes of Last EMD EC Meeting  
(<http://www.ela-iet.com/EMD/DraftMinutesEMDTeleconference14Jun10.pdf> )

*Motion Call to Accept Minutes, Moved by Dr. Erdlac, Seconded by Mr. Walles, carried.*

**Business of the Meeting****Agenda Items:**

- 1) Discussion on Status of EMD Budget (Mr. Bowker)

*Mr. Bowker had a question to Ms. Newby regarding if the EMD Budget was approved by the AAPG EC. Norma responded that as far as she knew it was approved, although there were still changes being done to the budget. Mr. Bowker proposed that we move forward*

*with it to be approved. Mr. Campbell clarified for the new EMD members that the budget has changed significantly from in the past for EMD, since the elimination of the EMD dues. Also among the largest previous budget item to EMD was the salary portion for Ms. Newby and Ms. Barrico that has also been transferred to AAPG as an expense item. Main source of income is the annual meeting and publication sales. EMD contribute to the AAPG by doing technical sessions, short courses, and technical publications for the AAPG – that is by doing contributions in the technical area. Re: the budget, Mr. Bowker is missing the 3<sup>rd</sup> quarter numbers for the balance sheet and income statement. 4<sup>th</sup> quarter is not finalized yet – waiting for the numbers from the New Orleans Annual Meeting (to end of June). Ms. Newby was going to inquire about the 3<sup>rd</sup> quarter numbers.*

2) Proposal & Seeking Approval to Dissolve Member Services Committee (Mr. Campbell)

**Voting: Yes to Motion to Dissolve; No to Motion to Dissolve**

Yes	No	Absent	Abstain	Member of Executive Committee:
				Mr. Walles, EMD Past President
				Mr. Testa, EMD President-Elect
				Ms. Young, EMD Vice President
				Dr. Hein, EMD Secretary
				Mr. Bowker, EMD Treasurer
				Mr. Campbell, EMD President

*Mr. Campbell discussed the need to dissolve the Member Services Committee, due to Med’s continued role to streamline our groups and not duplicate other functions being carried by AAPG, with the new realignment of EMD with AAPG. Discussion. It was noted that if in the future we needed to re-establish the EMD Member Services Committee, then we could do so at a later time. It was unclear if we have to rewrite the EMD By-Laws at this time. Mr. Campbell to call Brian Cardott to get clarification. It was pointed out that we should have some EMD representation on the equivalent AAPG Committees, such as Member Services; Publications, Education, and Maintenance of Website Sub-Committees. All agreed we should eliminate duplication, but get representation. This was not voted on, at the present time, pending further clarifications from Brian Cardott. This item was tabled, to be done later when further changes are done to the EMD by-laws.*

3) Proposal & Seeking Approval to Change the Name of Gas Shales Committee (Mr. Fishman) (<http://www.ela-iet.com/EMD/FishmanNameChangeGasShalesCom.pdf>)

*Mr. Fishman brought up the need to change the name of the Gas Shales Committee, largely because most of the units that host these unconventional reservoirs are not, in fact, shales; but rather mixed lithologies, including in some cases, significant proportions of carbonate mud rocks. Significant discussion followed. Mentioned that the recent Mud rock Conference; the Mud and Mudstone Book; discussions of Mudstone (immature) versus Mud rock (mature). Mr. Bowker would like to keep shale in the name, but agreed to an expansion to make it more inclusive; Mr. Walles pointed out that some of these unconventional mud rocks are up to 80% carbonate, and agreed that the term will have to be more inclusive, rather than exclusive. It was decided to keep the Oil Shale Committee separate from this one, and not merge them, although it is recognized by all that in many places there is a continuum between Gas and Oil Shales. Much discussion from Dr. Wiley, among others, In the end it was moved by Mr.*

Walles and seconded by Dr. Higley, to form an ad-hoc informal group that has a two-fold mandate: 1) to look at expanding and broadening the mission of the Gas Shales Committee to incorporate all lithologies that generate liquid hydrocarbons and gas; and 2) to devise a name-change for the Gas Shales Committee that incorporates this broadened mandate. Carried.

The Ad-hoc Informal Group to review this is headed by Mr. Fishman, and includes: Mr. Bowker, Mr. Walles, Dr. Boak, and Dr. Wiley.

- 4) Discussions within the Unconventional Resources Committee to Elect Chair (Mr. Testa)  
(<http://www.ela-iet.com/EMD/EMDNewCommitteeFunctions06112010.pdf> )

*Mr. Campbell pointed out that it is up to the URC to elect their own chair, as reflected in the EMD Policy and Procedures documentation. However, this may change in the near future,[ as discussed in Item 6 below]. In the absence of Steve Testa, this was not further discussed.*

- 5) AAPG Division Policy & Procedures Draft Recommendation for Division Procedures (Mr. Walles/Ms. Newby/Mr. Fritz)

*Ms. had no comment at this time.*

- 6) Discussions on the Revision of the EMD ByLaws (Mr. Campbell)  
(<http://emd.aapg.org/bylaws.cfm#duties> )

*Mr. Campbell proposed that the Past President be added to the EC, since that person has the most experience with EMD, aside from the 2-year overlap by both the Treasurer and Secretary. There is a full recognition by all that the Past Presidents are indispensable and the members present agreed that this Past President role should be more formalized within EMD. The Past President is always there and available to make recommendations to EC. Past President is also part of the EMD advisory committee. Mr. Campbell is going to go through the EMD Bylaws for general input and comment and will bring up appropriate changes at the next annual meeting, which will allow EMD to deal with quorum issues, such as abolishing the Member Services Committee. Once the Bylaw changes are done, Ms. Newby will circulate them for a vote with the EMD Mid-Year Meeting, with final approval to be done at the AAPG Annual Meeting of the EMD EC in Houston.*

- 7) The status of the AAPG 2010 ICE Calgary Convention (Dr. Hein)  
(<http://www.ela-iet.com/EMD/ICRReportAAPGTechCommitteeEMDJuly172010.pdf> )

*Dr. Hein reported that the enrollment for AAPG 2010 ICE Calgary Convention has increased significantly, and is now on-par with the previous record set at the Perth, Australia meeting. The only difficulty was that a significant number of short courses and field trips had to be cancelled due to low enrollments, such that break-even costs could not be met. These were cancelled with enough notice, that hopefully the other under-enrolled short courses and field trips may fill from people who may have wanted to go to a function that is now cancelled. She was not sure if it was a timing or cost issue here, but does bring home the point of having too many listed, in that the enrollment gets 'diluted.'*

8) The status of the AAPG 2011 Houston Convention (Mr. Basinski)  
(<http://www.aapg.org/Houston2011/CallforAbstracts.cfm> )

*Mr. Basinski reported that the Houston ACE is underway with 10 session chairs organized, and are trying to get these chairs to accelerate submissions to the different sessions. There is a proposal to have Hoffmeister as a convention speaker, and also a panel session that deals with Economics and Existence of Economic Pay in Unconventional Resources. The plan is to have full-day (not 1/2 day) poster sessions, so will have to decrease the number of posters, and to arrange for a 'virtual presentation' with a 15-minute video clip that can play. Other points brought up to have the authors present at set times to give a presentation. They are looking at getting sponsorship for a core workshop, with companies donating core and core labs willing to sponsor the rental floor space. Mr. Platt is organizing an economics session, with a theme Molecules to Market Place, and is looking at Art Berman as a participant on a panel discussion as part of that session. Mr. Wallis thought that he was an appropriate choice as a panel member.*

8a. Call for Papers to Commodity Committees (Mr. Ambrose, Mr. Campbell, Dr. Erdlac, and Mr. Bost)

*Themes to relate to actives dealing with Alternate Energy and Renewables.*

- 1. Coal Papers: Bill Ambrose, reported by Mr. Campbell, has a full session.*
- 2. Uranium & Nuclear Power Papers, Mr. Campbell agreed to put part of a session together.*
- 3. Geothermal Energy Papers, Dr. Erdlac, geothermal and other renewables (with or without hydroelectric; low-flow hydroelectric is not in.; plan 1/2 day on geothermal and 1/2 day on other renewables; geothermal has enough perhaps to run a short course. He attended a recent advisory workshop, dealing with geothermal, including low temperature (< 300 deg C/ < 400 deg F), efficiency is a function of flash system or binary system to produce power. Overall discussion regarding the need for the oil and gas industry to have to be included as part of geothermal, and the need to deal with this as a commodity. At present only 52 producing geothermal companies; hence, need to tap into existing infrastructure and technological know-how of oil and gas industry to get this viable; and would also add a 'sustainable' aspect to the oil and gas industry profile. Dr. Erdlac proposed to do a full-day Geothermal Short course. Dr. Wiley brought up the point that there is a lot of interest in Geothermal Heat Pumps, and maybe they should include one survey type paper, not sure how to handle with AAPG, since they deal with heat storage issues. Low temperature (formation water, groundwater and shallow) geothermal brought up as another potential topic. Decided to table offline for a discussion of other technologies that could be used.*
- 4. Renewable Energy Papers, not covered.*

8b. Call for Short Courses (Mr. Campbell, etc.)

- 1. Alternative Energy Short Course (Preliminary):*  
<http://www.ela-iet.com/EMD/EMDAAlternativeEnergySurveyShortCourse07252010.pdf>
- 2. Petrophysical Analysis of Unconventional Reserves.*
- 3. Applications of Geomechanics to Unconventional Resources.*
- 4. Geothermal Energy*

8c Call for Field Trips (Mr. Campbell, etc)

1. Hockley Salt Dome (Preliminary)
2. Houston Shallow Growth Faults (Preliminary)
3. \_\_\_\_\_
4. \_\_\_\_\_

- 9) The status of the AAPG 2011 Denver Unconventional Petroleum Systems Conference (June July 2011) - EMD Vice Chair – Mr. Reitz working with Dr. Sonnenberg, Chair (Mr. Walles)

*AAPG 2011 ICE Milan, in October. AAPG to contact EMD if they want EMD to help out and be involved with technical program. Have not heard anything yet. A call for abstracts will be announced at the AAPG 2010 ICE Calgary meeting.*

*Mr. Aldrich announced a GTW on Unconventional Resource Assessment Techniques, cosponsored with the U.N., and with the DPG, to be held in January 2011.*

- 10) Publications Update (Mr. Bowker/Ms. Young/Dr. Pashin)  
<http://emd.aapg.org/publications.cfm>

- 10a. Publications Spreadsheet Update  
(<http://www.ela-iet.com/EMD/EMDSpecialPubsTracking06222010.xls>)

*Ms. Young not present. Dr. Hein indicated that she had sent some updates to Ms. Young, but relatively minor, from the last teleconference meeting. Mr. Bowker indicated that the outstanding tardy submission for the Shale Gas volume has come in.*

- 10b. Status of Discussion on EMD being involved in AAPG Strategic plan to jointly publish (AAPG/SPE) *E&P Notes Quarterly* magazine on the Geoscience of Shale (Gas/Oil) (Ms. Newby/Mr. Fritz/Mr. Fishman/Mr. Boak)

*Mr. Fishman and Ms. Newby will discuss this later, after consultation with Rick Fritz, AAPG Executive Director.*

- 11) Website Updates – Personalization of EMD Website Underway with Photos and Biographies of EC, Chairs, and Councilors. (Mr. Campbell)

*Mr. Campbell said that revisions have been completed and that the website is close to where he would like it, for now. The next step is a personalization phase for the EMD EC and Commodity and Section Chairs to be posted, including short bios, which will take some time to complete.*

- 11a. <http://emd.aapg.org/announcements.cfm>

*The EC and Chairs have been put in the announcements page; now working on the Councilors.*

- 11b. EMD Membership Growth: <http://www.ela-iet.com/EMD/EMDJulyMembers2010.jpg>

*In July Membership growth gained about 110, with the total now > 2,700, increased by 4% over the previous month; and a 68% increase since the EMD dues were discontinued, and EMD opened up to all AAPG membership.*

12) The Status of New AAPG Membership Profile System (Ms. Newby)

*Ms. Newby reported that it is now functioning on the AAPG Members page. Ms. Newby and Ms. Brister are now working to get a few more changes done, and to make it more user friendly. Seems to be working well and looks good. Each Commodity Chair can access it to view the persons involved as Active Members and Observing Members listed, these nominations are confirmed by the respective chairs.*

13) Comments/Reports Call of Commodity Committee Chairs (Mr. Campbell)  
Committee Function Guidelines:

<http://www.ela-iet.com/EMD/EMDNewCommitteeFunctions06112010.pdf>

- Andrew Scott, Chair, Coalbed Methane Committee ( Rep. √ Eduardo Covarrubias):  
*Eduardo said that they have a really aggressive set of things to do; searching for additional recruits to help out with the different tasks, and they would all like the cbm committee to be more active.*
- Art Johnson, Chair, Gas Hydrates Committee
- Creties Jenkins, Chair, Gas (Tight) Sands Committee
- √ Neil Fishman, Chair, Gas Shales Committee, most of the issue revolves around potential change of mandate and the name, as previously discussed, Informal ad-hoc group set up to deal with these issues.
- √ Debra Higley, Chair, Oil (Tar) Sands Committee. Going well, AAPG Memoir on Oil Sands, papers are being submitted and reviewed. Inquired about an option of having active members through the new AAPG Membership Profile System to the chairs.
- √ Jeremy Boak, Chair, Oil Shale Committee, going well.
- William Ambrose, Chair, Coal Committee
- √ Michael Campbell, Chair, Uranium (Nuclear Minerals) Committee, getting substantial interest in 2011 for participation in the 2011 Houston ACE, will get guidance next week from the rest of the Uranium Committee, re: sessions at the 2011 ACE in Houston.
- √ Richard Erdlac, Chair, Geothermal Energy Committee, need to add on the website write-up where in which states (i.e. LA, Miss, N & S Dakota) where there is active coproduction of geothermal energy; and where there is active drilling for geothermal as a separate energy source. Would also like to add if there are any regional meetings that deal with this commodity.
- Richard Bost, Chair, Renewable Energy Committee

14) Comments/Reports Call of the Supporting Committee Chairs (Mr. Campbell)

- √ Jeremy Platt, Chair, Energy Economics & Technology Committee, Michelle Foss is accepted as a Special Consultant to their Committee.
- Jack Pashin, Chair, Publications Committee

15) Comments/Reports Call of EMD Councilors (Mr. Campbell)

**Sections:**

- ✓ Mike Wiley, Councilor, Gulf Coast Section – *no comment*
- Charles Boyer, Councilor, Eastern Section
- ✓ David Newell, Councilor, Mid-Continent Section – *no comment*
- Michael Party, Councilor, Southwest Section
- Dave Tabet, Councilor, Rocky Mt. Section
- James Clough, Councilor, Pacific Section

**Regions:**

- ✓ John McCracken, Councilor, Canada Region – *will update shortly, has been away.*
- Philippe Safa, European Region
- Barry Goldstein, Councilor, Asia/Pacific Region
- Jose Araiza, Councilor, Latin America Region
- ✓ *Jeff Aldrich, AAPG European Region Liaison, thanks for inclusion in the Teleconference Meeting; Philippe Safa is the European Region councilor. Jeff Aldrich will email to Jeremy Platt extent of shales across Europe; business issues related to these. There will be a European GTW on Gas Shale in Europe Spring 2011, it is really starting to take off on geology to compete with other businesses; also business and technology issues to be addressed.*

16) Quarterly Newsletter Status (Dr. Hein and Team)

June, 2010: [http://emd.aapg.org/members\\_only/newsletters/2010\\_06jun.cfm](http://emd.aapg.org/members_only/newsletters/2010_06jun.cfm)

*Everyone was asked if they had something to submit to the EMD quarterly newsletter to send it into Dr. Hein and/or Mr. Campbell, even if just a few paragraphs for your Commodity or Section/Region activities.*

17) AAPG Explorer Articles for Year (Mr. Campbell/Ms. Young)

[http://emd.aapg.org/members\\_only/explorer/index.cfm](http://emd.aapg.org/members_only/explorer/index.cfm)

Schedule of EMD Articles in Explorer Issues:

<u>Due Date</u>	<u>Status</u>	<u>Topic</u>	<u>Author</u>
1. February, 2010	Published-Feb	Renewable Energy	Richard Bost, Co-Chair
2. May, 2010	Published-May	Gas Hydrates	Art Johnson, Chair
3. June, 2010	Published-Jly	EMD: No Dues Required	Frank Walles and Michael Campbell
4. June, 2010	Published-Jly	Lunar Uranium Discovery	Michael Campbell and Bill Ambrose
5. July, 2010	Published-Aug	Oil Shale	Jeremy Boak
6. October 1, 2010	In Press - Nov	Geothermal Energy	Richard Erdlac, Chair
7. January 1, 2011	In Prep. - Feb	EMD President's Message	Michael Campbell, President
8. April 1, 2011	TBA - May	TBA	TBA

*Need something for April 1, 2011. Suggestion about doing a write up on changes to EMD and new structure with AAPG, a possible timing issue, since it is not all resolved as yet. Another possibility mentioned by Dr. Wiley is what is going on for the 2011 ACE Houston Convention, a Convention Activity report.*

18) Preliminary Discussions on a Possible Name Change of the EMD (Mr. Campbell), such as:

1. Energy Resources Division (ERD),
2. Energy Resources Council (ERC), etc.



*Mr. Platt, would like to overcome sense of some of the issues related to reorganization and realignment of EMD with AAPG; the term ‘Council’ may be more ‘cooperative’ and ‘less threatening term to use.*

*Dr. Wiley – opposed to a name change; historical issues for continuity should keep as is.*

*Mr. Cardott – would have to go through AAPG to get it changed as opposed to a change from the Division, and issues with how it is related. In the past EMD dealt with Unconventionals; and AAPG with Conventionals; but now as the focus is changing within AAPG from Conventionals to Unconventionals, may be some issues to sort out.*

*Mr. Aldridge – Liked the Division concept; perception can be a problem. In Europe with the no dues, increasing membership; thinks going to no dues, should go with a name change.*

*Mr. Campbell – as a founding member of EMD, he has a similar issue with changing the name as does Dr. Wiley. Need to think long and hard about this and talk about it, needs careful thought. Need to reflect that it is not conventional hydrocarbons – Unconventional Resource Committee?*

*Dr. Higley and Mr. Fishman proposed ‘Unconventional Energy Resources’*

19) Call for New Business (Mr. Campbell)

None.

20) Call for Motion to Adjourn Meeting (Mr. Campbell)

*Dr. Wiley Moved to Adjourn the Meeting; Seconded by Mr. Cardott. Carried.*

Meeting is Adjourned: Time: 11:45 Central Daylight Time (CDT); 1:45 pm Atlantic Time.

xxx