



Michigan Section

## **SPE-MBGS Joint Meeting**

**February 13, 2013**

Michigan State University

Natural Science Building

Room 204

MSU map provided on Page 3

7:00 PM – Presentation

Light refreshments served after presentation

No Cost

Topic:

## **Collingwood Shale and other non-conventional plays/ Hydraulic Fracturing Update**

by

**Mark Snow**

**Michigan DEQ**

Please RSVP by February 11th.

Jessica Thering, SSOE

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**Society of Petroleum Engineers  
Guest Lecture**



**Collingwood Shale  
and other non-conventional plays/  
Hydraulic Fracturing Update**

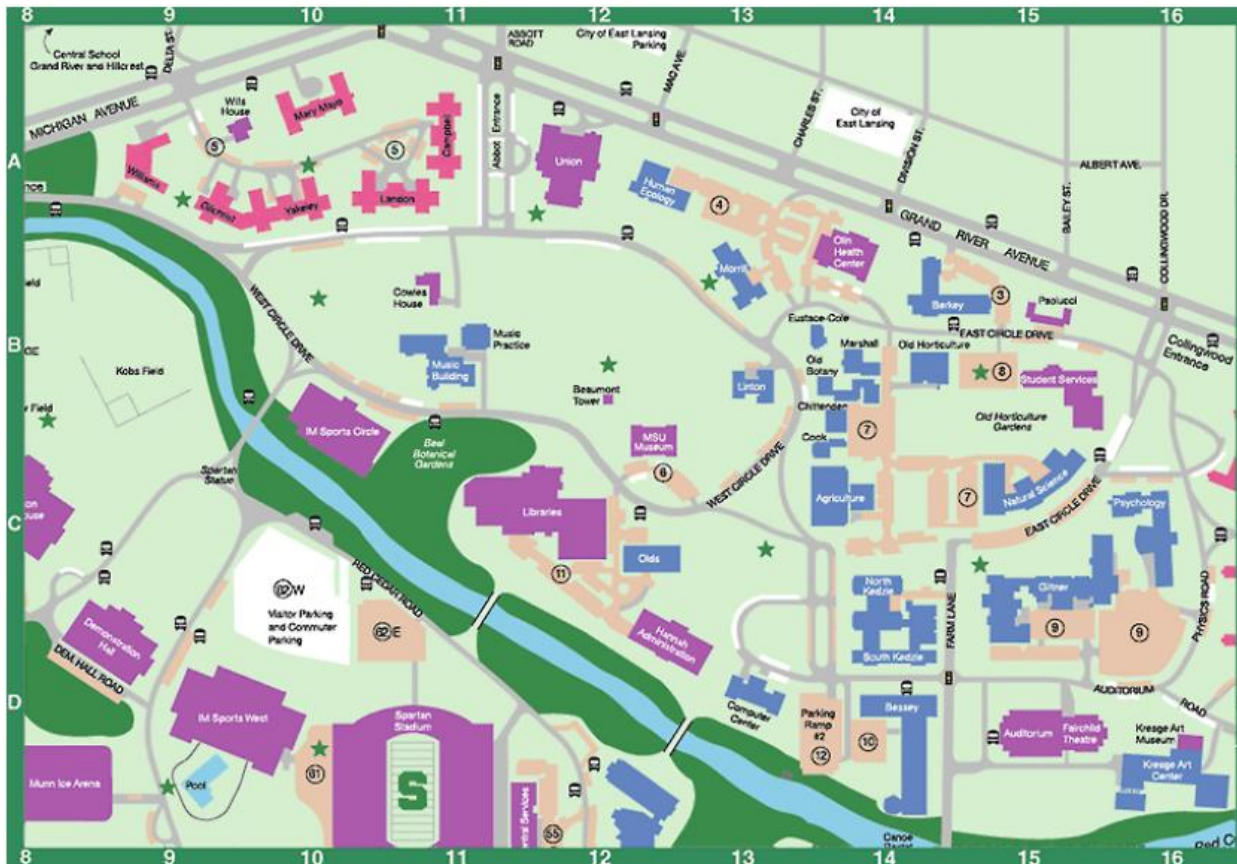
**By  
Mark Snow  
Geologist/Supervisor  
Permits and Bonding Unit  
Permitting & Technical Services Section  
Office of Oil, Gas, & Minerals  
Michigan Department of Environmental Quality**

**Abstract:** The abstract will be posted on the MBGS website at a later date on [www.mbgs.org](http://www.mbgs.org) and it will be included in the SPE meeting reminder emailed one week prior to the meeting.

**Biography:** Mark is Supervisor of the Permits and Bonding Unit, Michigan Department of Environmental Quality, Office of Oil, Gas, & Minerals (OOGM). Prior to becoming supervisor he worked as a permit coordinator permitting oil and gas drilling. He has been with the OOGM for 7 years. Mark earned his BS in geology from Michigan State University; past work includes land surveying and environmental consulting.

**Map of Michigan State University**  
Natural Science Building, Room 204  
East Lansing, MI 48824

Between 5pm & 6pm you can park in Lot 9 behind Giltner Hall and the Psychology Building (former Physics and Astronomy building) for free. Otherwise, you can try your luck with the metered slots clustered around the Natural Science Building and the adjacent Student Services Bldg; no charge after 6.





**MICHIGAN SECTION NEWS**

<http://connect.spe.org/Michigan/Home/>

**2012-2013 Section Executives**

Chairperson:	Sue Burla	248-205-7414	<a href="mailto:susan_burla@transcanada.com">susan_burla@transcanada.com</a>
Program Chair:	Ben Updyke	313-235-1115	<a href="mailto:updykeb@dteenergy.com">updykeb@dteenergy.com</a>
Treasurer:	Frank Pochyla	248-345-8913	<a href="mailto:fgpochyla@cmsenergy.com">fgpochyla@cmsenergy.com</a>
Secretary:	Jessica Thering	989-835-3950	<a href="mailto:JThering@ssoe.com">JThering@ssoe.com</a>
Scholarship Chair	Boyan Makarenko	248-205-7536	<a href="mailto:boyan_makarenko@transcanada.com">boyan_makarenko@transcanada.com</a>

**2012-2013 SPE Michigan Section Meeting Schedule**

**March TBD, 2013** – Tentative lecture by Oil and Gas Industry motivational speaker Alex Epstein

**April 15, 2013** – Understanding Liquid Loading Will Improve Well Performance by Robert Sutton

**Upcoming SPE Events:**

<b>Date</b>	<b>Title</b>	<b>Type</b>	<b>Location</b>
18 - 20 Feb 2013	<a href="#">SPE Reservoir Simulation Symposium (13RSS)</a>	Conference	The Woodlands, Texas, USA
27 Feb - 1 Mar 2013	<a href="#">Production Decline in Oil and Gas Shale Reservoirs: What Can We Do To Improve the Performance? (13ASFE)</a>	Workshop	Santa Fe, New Mexico, USA
4 - 6 Mar 2013	<a href="#">Global Integrated Workshop Series: Water Treatment for Unconventional Production (13AFTW)</a>	Workshop	Fort Worth, Texas, USA
5 - 7 Mar 2013	<a href="#">SPE Digital Energy Conference (13DEC)</a>	Conference	The Woodlands, Texas, USA
12 - 14 Mar 2013	<a href="#">SMU/SPE Geothermal Energy and Water Heat to Power: Utilizing Oil and Gas Plays (13JDLS)</a>	Workshop	USA
18 - 20 Mar 2013	<a href="#">SPE Americas E&amp;P Health, Safety, Security and Environmental Conference (13HSSE)</a>	Conference	Galveston, Texas, USA
19 - 20 Mar 2013	<a href="#">SPE/AIChE Flow Assurance (13JAUS)</a>	Workshop	Austin, Texas, USA
23 - 26 Mar 2013	<a href="#">Production and Operations Symposium (13POS)</a>	Conference	Oklahoma City, Oklahoma, USA
26 - 27 Mar 2013	<a href="#">SPE/ICoTA Coiled Tubing &amp; Well Intervention Conference &amp; Exhibition (13CTWI)</a>	Conference	The Woodlands, Texas, USA

For information regarding the upcoming SPE conferences or exhibitions, visit the Society for Petroleum Engineers website at [www.spe.org](http://www.spe.org).

**Request for feedback**

Comments? Questions? Concerns? How can your SPE section serve you better? To voice your opinion on any aspect of section membership, please contact Sue Burla or talk to any of the executives at an upcoming meeting.

### **2013 Michigan Section SPE Scholarship**

The Michigan Section of the Society of Petroleum Engineers (SPE) would like to announce that it will be awarding a scholarship of \$1,000 to a Michigan college student or an incoming college student who is interested in the petroleum and natural gas industry. For a detailed list of the requirements for the scholarship, please see <http://connect.spe.org/Michigan/AboutUs/Scholarships/>.

### **Michigan Basin Geological Society (MBGS) Meeting Schedule**

**March 13, 2013**– MBGS Monthly Membership Meeting, speaker James A. Harrell, The University of Toledo, “The World’s First Geological Map: The 1150 BC Turin Papyrus from Egypt”, Michigan State University

**April 10, 2013**– MBGS Monthly Membership Meeting, speaker Dr. Ralph Stearley, Calvin College, “The Bible, Rocks and Time: Geological Evidence for the Age of the Earth”, Michigan State University

**June 5-11, 2013:** Grand Canyon Adventure: A White Water Raft Trip, sponsored by Delta College Geosciences Department and led by Dr. Tim Clarey. Space is limited; contact Dr. Clarey at (989) 686-9252 or [tclarey@delta.edu](mailto:tclarey@delta.edu).

**October 23-26, 2013:** AIPG 50th Annual Meeting, Omni Interlocken Resort, Broomfield, Colorado. <http://www.aipg.org>.

### **Advertising Opportunities**

If you are interested in advertising in the Michigan Section newsletter, please contact Sue Burla or Jessica Thering. Proceeds from advertising go to the SPE scholarship program.

#### Advertising Fee Schedule

Full page ad	\$75 per month
Half page ad	\$45 per month
Quarter page ad	\$25 per month

Deadline for the next newsletter is February 1.

### **Continued Education**

***SPE understands the importance of continuing education for keeping skills up to date, improving expertise or learning new techniques.***

You can grow your knowledge by attending short programs and courses, such as:

SPE Training Courses <http://www.spe.org/training/courses.php>

American Association of Petroleum Geologists (AAPG) Education programs <http://www.aapg.org/education/>

Michigan Oil and Gas Association’s Petroleum Conference  
<http://www.michiganoilandgas.org/2013PetroleumConference.aspx>

Field trips with Michigan Basin Geological Society [http://www.mbgs.org/field\\_trips.html](http://www.mbgs.org/field_trips.html)

Professional Engineer information: go to [www.ncees.org](http://www.ncees.org) or <http://www.dleg.state.mi.us/bcsc/forms/eng/peexam.pdf> for application process for Professional Engineers License in Michigan.