



# THE OHIO GEOLOGICAL SOCIETY

50<sup>th</sup> Anniversary  
1961-2011



The Newsletter of the Ohio Geological Society

January 2012

*An Affiliate (1963) of the American Association of Petroleum Geologists (AAPG)*

## 2011-2012 Officers

### **President**

John Wicks  
J L Wicks Exploration  
148 E. Liberty St.  
Wooster, OH 44691  
(330) 466-4283  
[jlwicksx@embarqmail.com](mailto:jlwicksx@embarqmail.com)

### **Vice President**

Bill Arnholt  
Northwood Energy Corp.  
941 Chatham Lane  
Columbus, OH 43221  
(614) 457-1024  
[barnholt@northwoodenergy.com](mailto:barnholt@northwoodenergy.com)

### **Secretary**

Amy Lang  
Forman Energy, Ltd.  
P.O. Box 340346  
Columbus, OH 43234  
(614) 717-9262  
[amy.lang@formanenergy.com](mailto:amy.lang@formanenergy.com)

### **Treasurer**

Alison Nutter  
Elite Seismic Processing, Inc.  
1927 Tamarack Rd.  
Newark, OH 43055  
(740) 788-8836  
[seismic@sprynet.com](mailto:seismic@sprynet.com)

## **OGS 14<sup>TH</sup> ANNUAL WINTER GALA 2012 IS THIS MONTH!**

I hope that everyone had a good holiday season and is looking forward to the annual OGS Winter Gala. The 14<sup>th</sup> annual Gala will be held this year on January 20 at the Ramada on Sinclair Road in Columbus. It is always a great party with plenty of food, drink and interesting prizes and a great celebration of the Ohio Geological Society! Don't miss it. Call or email Amy Lang if you or your company would like to help sponsor the event. Her contact information is (614) 717-9262 or [amy.lang@formanenergy.com](mailto:amy.lang@formanenergy.com).

Please pay your OGS member dues for 2012 ASAP. It is CHEAP and EASY. Just go to our website, fill out the form, write a check and mail it to the address in the upper left corner of the form. The direct link is: <http://www.ohgeosoc.org/member.pdf>.

The Ohio Geological Society representatives to the AAPG House of Delegates need to be selected this year. Our list of Delegate nominees needs to be forwarded to AAPG headquarters by February 16. We have 2 seats to fill. Larry Wickstrom, who currently holds one seat, wishes to be placed on the ballot for another 3 year term. John Forman who holds the other seat will not run again. The OGS Delegate must be an active AAPG member and is expected to attend the Annual Convention where the House of Delegates convenes (Pittsburgh - 2013; Houston - 2014; Denver - 2015) and sit on at least one committee. We are accepting nominations and/or volunteers to stand for election to be held sometime after February 16<sup>th</sup>. If you are interested, please contact Amy Lang whose contact information is above.

We had another "sellout" crowd at our last meeting where Tom Tomastik spoke on brine disposal wells in Ohio. Our thanks to Pete and Marty of MacKenzie Land & Exploration for hosting the meeting. A link to Tom's presentation slides is on our website at: [http://www.ohgeosoc.org/presentations/201111/Tomastik\\_ShalePlays\\_ClassIIWells.pdf](http://www.ohgeosoc.org/presentations/201111/Tomastik_ShalePlays_ClassIIWells.pdf). Thanks to Tom and to Jim McDonald for making the slides available.

Our next meeting will be held February 23 at the Sinclair Road, Ramada in Columbus. Frank Leeper of Producers Service Corporation will give an overview of the horizontal shale completion process. I hope to see you all there.

John Wicks





# The Ohio Geological Society

## 14th Annual Winter Gala

*The Ohio Geological Society cordially invites all geologists, associates, and friends to a gala winter celebration!*

***Friday, January 20<sup>th</sup>, 2012***

***6:30 pm***

*Ramada Plaza Hotel & Conference Center  
4900 Sinclair Rd., Columbus, OH 43229  
[www.ramadaplazacolumbus.com](http://www.ramadaplazacolumbus.com)*

***Cost: \$25 per person***

*Sponsorships - \$50*

*Dinner, drinks and music by Bill Foley!*

*Make your check payable to: Ohio Geological Society  
and mail to Alison Nutter, 1927 Tamarack Road, Newark, OH 43055*

*Please RSVP by January 17<sup>th</sup> to:  
[Amy.Lang@formanenergy.com](mailto:Amy.Lang@formanenergy.com) or (614) 717-9262.*

*Hotel room reservations should be made directly with the Ramada Plaza Hotel & Conference Center, (614) 846-0300. A block of rooms will be held until January 17<sup>th</sup>, 2012. The rate is \$74.00.*



# THE OHIO GEOLOGICAL SOCIETY

**Thursday, February 23<sup>rd</sup>**

Lunch at 11:30, talk at 12:30 pm

## ***Overview of Horizontal Shale Completion Process***

By

Frank Leeper  
Producers Service Corp.

Ramada Plaza Hotel & Conference Center  
4900 Sinclair Rd., Columbus, OH 43229  
[www.ramadaplazacolumbus.com/](http://www.ramadaplazacolumbus.com/)

\*\*Please RSVP for the lunch and/or meeting to Bill Arnholt at  
[barnholt@northwoodenergy.com](mailto:barnholt@northwoodenergy.com) or 614-457-1024\*\*



Society of Petroleum Engineers ~ Ohio Petroleum Section  
Welcomes

Dan Mihalik of V&M USA Corp  
Representing the Marcellus Shale Coalition  
Speaking On:  
**“Marcellus 101”**

Wednesday, January 18<sup>th</sup>, 2012

From the website: <http://marcelluscoalition.org/>

“Founded in 2008, the Marcellus Shale Coalition (MSC) is an organization committed to the responsible development of natural gas from the Marcellus Shale geological formation and the enhancement of the region’s economy that can be realized by this clean-burning energy source.

The members of the coalition work with our partners across the region to address issues with regulators, local, county, state and federal government officials and communities about all aspects of producing clean-burning, job-creating natural gas from the Marcellus Shale.”

---

With 20 years experience dealing with Oil Country Tubular Goods (“OCTG”) servicing E&P companies in several different basins across North America, Dan currently is Eastern Regional Manager for V&M USA Corp which is just completing a \$700 million expansion project in Youngstown, Ohio with expectations to double OCTG capacity. Dan will present a short Marcellus Shale 101 power point followed by a discussion on current operating challenges and any other topics that may come up?

We plan to meet for lunch at 11:30 am at McCall's Restaurant Pub and Banquet Center located at 130 Faircrest St SW, Canton, OH 44706, website <http://www.mccallsrb.com/>, phone (330) 484-4008 on **Wednesday, January 18<sup>th</sup>**, 2012. The cost of lunch will be \$20 per person. You need not be a member of SPE to attend (but you may be encouraged to join!).

**Please RSVP by Friday, January 13<sup>th</sup>, 2012 by contacting Sharon Davis, EnerVest Operating LLC at 330.587.1019 or via e-mail at [sdavis@enervest.net](mailto:sdavis@enervest.net).**

**2012 SES Seminar Schedule**

Coffee time at 3:30 pm. All seminars are at 4:00 pm in Mendenhall Laboratory Room 291 unless otherwise noted.

Date	Speaker	Title
▶2012-01-19	<b>Dr. David Cole</b> The Ohio State University - Earth Sciences Hosted by .	Petrologic Clocks: Microscopic Chemical and Isotopic Behavior Put to Good Use
▶2012-01-26	<b>Dr. Aaron Wolf</b> Oregon State University - Geosciences Hosted by Dr. Berry Lyons	TBA (Joint Talk with Department of Geography)
▶2012-02-09	<b>Dr. Mark Hines</b> University of Massachusetts, Lowell Hosted by Dr. Anne Carey	Tropic Status and the Path of Methane Production in Peatlands: Implications for Methanogenesis in a Changing World
▶2012-02-16	<b>Dr. Matt Konfirst</b> The Ohio State University - Byrd Polar Research Center Hosted by Dr. Berry Lyons	Diatom Based Insights on Plio-Pleistocene Milankovich Variability
▶2012-02-23	<b>Dr. Paolo Gabrielli</b> The Ohio State University - Byrd Polar Research Center Hosted by Dr. Berry Lyons	Climatic and Environmental Processes Revealed by Trace Elements in Ice Cores
▶2012-03-08	<b>Dr. Tom Kammer</b> West Virginia University Hosted by Dr. Bill Ausich	Origin of the Lower Mississippian Black Hand Sandstone in Ohio: Forced Regression during Gondwanan Glaciation

**HAVE YOU RENEWED YOUR OGS MEMBERSHIP?**

For those of you who have not yet renewed your OGS membership for 2012, it is about to expire. To ensure your membership, and to continue receiving this newsletter along with other valuable information regarding our profession, please fill out the membership application included with this newsletter and return it with your dues by Jan. 31<sup>st</sup> to:

The Ohio Geological Society  
P.O. Box 340346  
Columbus, OH 43234

*...or you can renew your membership at the winter gala!*

# Call For Papers

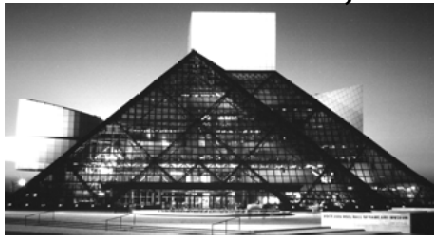
**41<sup>ST</sup> ANNUAL MEETING - EASTERN SECTION AAPG**

THE OHIO GEOLOGICAL SOCIETY PRESENTS

**CLASSIC ROCKS**

**- 153 YEARS OF PERFORMANCE -**

**SEPTEMBER 22-26, 2012 CLEVELAND, OHIO**



You are invited to submit an abstract for oral or poster presentation at the 2012 Eastern Section of the AAPG Annual Meeting. All papers of interest to the Eastern Section, the Division of Environmental Geosciences, Energy Minerals Division, and Division of Professional Affairs will be considered for presentation. Abstract submission deadline: April 6, 2012

## Proposed Theme Sessions

- Source Rock Geochemistry, Petrophysics, and Thermal Maturity
- Hydrocarbon Exploration and Development from Eastern Shales
- Carbon Sequestration and Wastewater Disposal
- Environmental Effects of Moderns Minerals Extraction
- Coal and Coalbed Methane, Nuclear, and Renewable Energy
- Secondary and Tertiary Recovery
- Economics and Politics of Exploration and Development of Hydrocarbons
- Case Studies and Current Research on Environmental Impacts from Hydraulic Fracturing
- Deep Exploration Potential in the Eastern USA
- Horizontal Wells: Design, Drilling, Completion, and Hydraulic Fracturing Techniques

Technical Program Chairs: John L. Wicks and Chris Perry at [techprog@esaapg2012.org](mailto:techprog@esaapg2012.org)  
General Meeting Inquiries at [info@esaapg2012.org](mailto:info@esaapg2012.org) or online at <http://www.esaapg2012.org>

**Welcome New Members!**

Denise Bell

Seneca Caverns – Flat Rock, OH

Richard Coley

Promanco, Inc. – Marietta, OH

Kurtz Miller

Miami Valley CTC – Clayton, OH

THE EASTERN SECTION OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS PRESENTS  
**CLEVELAND, OHIO**  
**CLASSIC  
ROCKS**  
09.22.12 ★ 09.26.12  
★ **153 YEARS OF PERFORMANCE** ★  
— THE OHIO GEOLOGICAL SOCIETY PRESENTS —  
**THE 41<sup>ST</sup> ANNUAL MEETING OF THE  
EASTERN SECTION OF THE AMERICAN  
ASSOCIATION OF PETROLEUM GEOLOGISTS**  
**JOIN US SEPT. 22-26, 2012  
CLEVELAND, OHIO**  
DON'T MISS THIS OPPORTUNITY TO EXPERIENCE  
THE REAL CLEVELAND, BIRTHPLACE OF ROCK AND  
ROLL. JOIN US FOR SPECTACULAR FIELD TRIPS,  
AN ENLIGHTENING TECHNICAL PROGRAM, AND AN  
UNFORGETTABLE EVENING AT **THE ROCK & ROLL  
HALL OF FAME**. VISIT US AT [WWW.ESAAPG2012.ORG](http://WWW.ESAAPG2012.ORG).



**The Ohio Geological Society**  
P.O. Box 14304  
Columbus, OH 43214  
[www.ohgeosoc.org](http://www.ohgeosoc.org)

President

John Wicks

Vice President

Bill Arnholt

Secretary

Amy Lang

Treasurer

Alison Nutter

Trustees

Don Jennings  
Frank Majchszak  
Clark Scheerens  
Nicole Venteris  
Steve Zody

AAPG Delegates

John Forman  
Larry Wickstrom

Alternate

Paul Archer  
Steve Zody

Webmaster

Jim McDonald

## CALENDAR

- January 20**    **OGS 14<sup>th</sup> Annual Winter Gala**  
Ramada Plaza Hotel & Conference Center, Columbus, OH  
[www.ohgeosoc.org](http://www.ohgeosoc.org)
- February 23**    OGS Meeting  
*Overview of Horizontal Shale Completion Process*  
Frank Leeper – Producers Service Corp.  
Ramada Plaza Hotel & Conference Center, Columbus, OH  
[www.ohgeosoc.org](http://www.ohgeosoc.org)
- March 14**        OGS Meeting  
*Utica Shale Operations: Chesapeake Energy Corporation's Planning, Development and Economics*  
Matt Hammond – Chesapeake Energy Corporation  
Hilton Easton, Columbus, OH  
[www.ohgeosoc.org](http://www.ohgeosoc.org)
- March 14-16**    OOGA Annual Winter Meeting  
Hilton Easton, Columbus, OH  
[www.ooga.org](http://www.ooga.org)
- April 19**        OGS Meeting  
*Detecting faults that you couldn't see before and their impact on fracturing and injection decisions*  
Gary Perry - Geotrace  
Ramada Plaza Hotel & Conference Center, Columbus, OH  
[www.ohgeosoc.org](http://www.ohgeosoc.org)
- May 5**            State Science Day  
The Ohio State University, Columbus, OH  
[www.ohiosci.org/ssd.htm](http://www.ohiosci.org/ssd.htm)
- May 18**         OGS Meeting  
*Coring the Utica/Point Pleasant Shale*  
William Scott and Charles Allard – Baker Hughes Coring  
Horace R. Collins Laboratory – Delaware, OH  
[www.ohgeosoc.org](http://www.ohgeosoc.org)

Visit [www.ohgeosoc.org](http://www.ohgeosoc.org) for all upcoming events

## Ohio Geological Society Publications

The in-print publications of the Ohio Geological Society may be purchased from the Ohio Division of Geological Survey. Members of the Society receive a discount; the member price is in parentheses (M:). For more information on the Society, write the Ohio Geological Society, P.O. Box 14304, Columbus, OH 43214.

**OGS 4. Clinton sandstone papers presented at the Ohio Oil and Gas Association Winter Meetings 1961 to 1978** (abridged reprint of 1980 volume). 228 p., 1985. \$25.00 (M: \$20.00).

**OGS 5. The new Clinton collection--1985**, edited by Jack Gray, Andy Maslowski, Warren McCullough, and W. E. Shafer (2nd printing). This edition includes a transcript of "Deeper Clinton-Medina drilling in southeastern Ohio" from a March 1986 Ohio Geological Society meeting. 257 p., 1985. \$25.00 (M: \$20.00).

**OGS 7. Computer-aided analysis of geologic data**, edited by Lawrence H. Wickstrom. A collection of papers from a seminar presented at the 1987 AAPG Eastern Section meeting. 100 p., 1987. \$15.00 (M: \$12.00).

**OGS 8. Maps and cross sections of the Cambrian and Lower Ordovician of central Ohio**, by G. G. Shearrow. 31 p., 8 pls., 1987. \$12.00 (M: \$10.00).

**OGS 10. The Ohio Geological Society anthology, the Morrow County, Ohio "oil boom" 1961-1967 and the Cambro-Ordovician reservoir of central Ohio**, edited by William E. Shafer. 452 p., 1994. \$25.00 (M: \$20.00).

**OGS 14. Ohio Geological Society Fifth Annual Technical Symposium.** Proceedings from the November 1997 technical symposium held in Akron, Ohio. 11 papers. 117 p., 1997. \$25.00 (M: \$20.00).

**OGS 15. Petroleum seismology in the digital age.** Course notes from the Ohio Geological Society's 3-D Seismic Seminar presented at the 1998 AAPG Eastern Section meeting. \$20.00 (M: \$15.00).

**OGS 17. Into the new millennium: The changing face of exploration in the Knox play.** Proceedings from the Sixth Annual Fall Symposium held in Akron, Ohio, October 1999. 16 papers. 120 p., 1999. \$25.00 (M: \$20.00).

To order any of the Society's publications contact: The Geologic Records Center, Ohio Division of Geological Survey, 2045 Morse Road, Columbus, Ohio 43229-6693. Telephone (614) 265-6576. FAX: (614) 447-1918. E-mail: [geo.survey@dnr.state.oh.us](mailto:geo.survey@dnr.state.oh.us).