



THE OHIO GEOLOGICAL SOCIETY



The Newsletter of the Ohio Geological Society

March 2012

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

2011-2012 Officers

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OGS February Meeting....





THE OHIO
GEOLOGICAL SOCIETY

Wednesday, March 14th

4pm

***Utica Shale Operations: Chesapeake Energy Corporation's Planning,
Development and Economics***

By

Matt Hammond

Chesapeake Energy Corporation

Hilton Easton, Columbus, OH

www.hiltoncolumbus.com

RSVP to Bill Arnholt at barnholt@northwoodenergy.com or 614-457-1024

Career Opportunities at Penn E&R

<http://www.penn-er.com/careers.html>

Robert E. Steinberg
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<http://earthsciences.osu.edu/seminars.php>

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 |
|-------------|--|--|
| ▶2012-03-08 | Dr. Tom Kammer West Virginia University Hosted by Dr. Bill Ausich | Origin of the Lower Mississippian Black Hand Sandstone in Ohio: Forced Regression during Gondwanan Glaciation |

OSU School of Earth Sciences | 275 Mendenhall Laboratory, 125 South Oval Mall, Columbus, Ohio 43210 | Phone (614) 292-2721 | Fax (614) 292-7688



THE OHIO GEOLOGICAL SOCIETY

Thursday, April 19th

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

**DETECTING FAULTS THAT YOU COULDN'T SEE BEFORE AND THEIR
IMPACT ON FRACKING AND INJECTION DECISIONS**

By

Gary Perry
Geotrace

Ramada Plaza Hotel & Conference Center
4900 Sinclair Rd., Columbus, OH 43229
www.ramadaplazacolumbus.com/

****Please RSVP for the lunch and/or meeting to Bill Arnholt at
barnholt@northwoodenergy.com or 614-457-1024****

Call For Papers

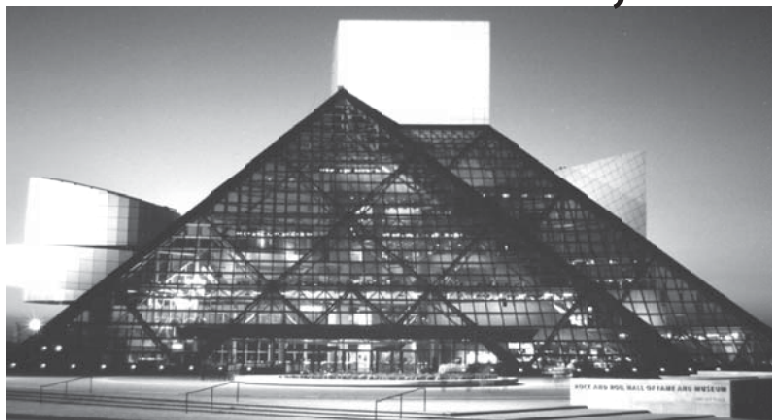
41ST ANNUAL MEETING - EASTERN SECTION AAPG

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
General Meeting Inquiries at info@esaapg2012.org or online at <http://www.esaapg2012.org>

Welcome New Members!

Dale Gnidovec

Orton Geological Museum – Columbus, OH

Douglas Scott

Scott Realty Advisors LLC – Charlotte, NC

Mary Wicks

The Ohio State University – Wooster, OH

Donald Wood

Donald E Wood Oil & Gas Ops – Whitehall, 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 41ST 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.



The Ohio Geological Society
P.O. Box 14304
Columbus, OH 43214
www.ohgeosoc.org

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Paul Archer
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Jim McDonald

CALENDAR

- 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
- March 14 MBGS-SPE Meeting
Secondary Oil Recovery Under Delta Pressured Gas Storage Operations, Columbus III Unit, St. Clair County, Michigan
Jac Lentz – Plains Natural Gas Storage
Michigan State University, East Lansing, MI
www.mbgs.org
- March 14-16 OOGA Annual Winter Meeting
Hilton Easton, Columbus, OH
www.ooga.org
- March 29 AIPG-Ohio Meeting
Drilling for Natural Gas in the Marcellus and Utica Shales: Potential Impacts to Ohio's Water Resources
Ralph J. Haefner - U.S. Geological Survey
LaScala Italian Bistro, Dublin, OH
www.aipg-ohio.org
- April 19 OGS Meeting
Detecting faults that you couldn't see before and their impact on fracking and injection decisions
Gary Perry - Geotrace
Ramada Plaza Hotel & Conference Center, Columbus, OH
www.ohgeosoc.org
- May 5 State Science Day
The Ohio State University, Columbus, OH
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
- September 13 OGS Golf Outing
Chapel Hill Golf Course, Mount Vernon, OH
www.chapelhillgolfcourse.com
- September 22-26 41st Annual Eastern Section AAPG Meeting
The Renaissance Cleveland Hotel – Cleveland, OH
www.esaapg2012.org/

Visit 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.