

On the Rocks



A Newsletter of the Michigan Basin Geological Society

2005-2006 Number 9

www.mbgs.org

May 2006

EVENTS

May 5-6, 2006: Illinois PTTC, several field trips to area quarries and more.
http://www.isgs.uiuc.edu/pttc/FT_Registration_Notice%20Converted.pdf

May 8, 2006: SPE and MBGS combined meeting sponsored by SPE. Speaker is John Morgan, "LNG – What's Happening and Why." Note, this meeting is Monday at the Coyote Creek, abstract and biography below.

May 8-12, 2006: Institute of Lake Superior Geology meeting and field trips. See info below and at following link.
<http://www.lakesuperiorgeology.org/Sault2006/index.html>

May 20, 2006: MBGS field trip to Petrolia, Ontario. Information below, contact Leonard Espinosa at 517-335-3248 or at espinosl@michigan.gov

Election Results: The officers for next are, President – Bob Reynolds, Vice President – Mark Nida, Secretary – Ken Petrie, Business Manager – Tom Godbold, Treasurer – Tom Hoane. Thanks to our former and future officers who help MBGS in its activities.

Scholarship Winners: Congratulations to the following successful applicants for MBGS scholarships: \$500 to Ms. Rebecca MacDonald for, "Reconstruction of the Late Quaternary Climate of Lakes Huron & Michigan Using Stable Isotopes" \$500 to Mr. Kevin Endsley for, "Upper Peninsula Seismology, Seismic Education for Primary and Secondary Schools" and \$500 to Mr. Nathaniel Barnes for "Stratigraphy and Organic Content of Glacial Deposits in the City of Portage MI"

We look forward to hearing presentations from our scholarship winners at a future MBGS meeting.

2004-2005 MBGS Officers

The Executive Committee meeting minutes are available on the website.

PRESIDENT: DR. ROBB GILLESPIE,
WMU Geology Department
Ph: 269-387-5354, fax 269-387-5513
robb.gillespie@comcast.net or
robb.gillespie@wmich.edu

VICE PRESIDENT: ROBERT REYNOLDS,
Reynolds Geological, LLC
Ph: 517-676-9936, fax 517-676-8169
reynoldsgeo@voyager.net

SECRETARY: DAVID BAXTER,
Petrodata Resources
Ph: 517-669-5409
PetroDataRes@comcast.net

TREASURER & PUBLICATIONS: TOM HOANE,
FMFM, DNR
Ph: Bus 517-241-3769, fax 517-373-2443
hoanet@michigan.gov

BUSINESS MANAGER: LEONARD ESPINOSA
FMFM, DNR
Ph: 517-335-3248, Fax 517-373-2443
espinosl@michigan.gov

PAST-PRESIDENT: DR. MICHAEL GRAMMER,
WMU Geology Department
Ph: 269-387-3667, fax 269-387-5513
michael.grammer@wmich.edu

CO-FIELDTRIP DIRECTORS:
MARK WOLLENSAK, CPG
HAMP, MATHEWS & ASSOC, Inc.
Ph: 517-641-7333 Fax 517-641-7337
Cell 517-719-8321
wollensak@voyager.net

LEONARD ESPINOSA, FMFM, DNR
Ph: 517-335-3248, Fax 517-373-2443
espinosl@michigan.gov

NEWSLETTER EDITOR: TOM WELLMAN,
FMFM, DNR
Ph: 517-373-7666, Fax 517-373-2443
wellmant@michigan.gov

ELECTRONIC PUBLICATIONS, MARK WOLLENSAK
(see above)

WEBMASTER: GREG VARNUM
me@gregvarnum.com

University Talks and Seminars Websites

Western Michigan University:
www.geology.wmich.edu/Events/lecture_series.htm#spring

Michigan State University:
www.glg.msu.edu/news/lectures.html

University of Michigan, Smith Lecture Series:
www.lsa.umich.edu/geo/highlights/smith_lecture/

Michigan AIPG Section website: www.aipg-mi.org.

MEETING CANCELLATION POLICY

Monthly meetings will be automatically cancelled whenever the National Weather Service issues a "Storm Warning" for the Lansing area. If driving conditions are poor but a "Warning" has not been issued please contact any member of the Executive Committee for the status of the meeting.

MICHIGAN BASIN GEOLOGICAL SOCIETY PUBLICATIONS

Historical CD #1: Nine out-of-print publications from 1949 through 1965 and 1998, Devonian to Silurian Rock Fieldtrips to MI, WI, IL and Ontario, Compiled 2000, \$15

Historical CD #2: Four out-of-print publications from 1947, 1959, 1983 and 1991, Northern Devonian and UP Fieldtrips in MI, Compiled 2001, \$10

Historical CD #3: Six out-of-print publications from 1947, 1959, 1983, and 1991, Northern Devonian and UP Fieldtrips in MI, Compiled 2001, \$12

Historical CD #4: Six out-of-print publications from 1957, 1958, 1961, 1967, 1968, and 1970, Northern LP and UP Fieldtrips in MI, Compiled 2004, \$15

Special Price - Historical CDs #1, #2, #3, & #4 \$40

NE Lower Peninsula Geological Field Conf, 2004, T. Black & M. Wollensak, 133 pp, illus, maps, on **CD \$10.**

Stratigraphic Lexicon for Michigan, 2001, prepared by MBGS and published by DEQ, 56 pp., chart, \$2.65 picked up or \$4 mailed, Can be ordered from MBGS or Geological Survey Div. of the DEQ

Prices Include postage, handling and any applicable sales tax. **MBGS members receive a 10% discount** on MBGS publications. Orders for publications should be prepaid in U.S. Funds and addressed to:
MBGS - Publications
P.O. Box 18074
Lansing, MI 48901-8074

MBGS Mug and Jacket Sale

The Michigan Basin Geological Society is offering mugs and jackets with the society logo for sale. The mugs are \$5.00 each. The jackets are \$60.00 each plus postage. Please contact Dan McGuire at: Phone (517) 772-5219, Fax (517) 772-7021, or danmcguire@sensible-net.com. Remember to include the correct size of the jacket and the quantity of each item. Checks should be made out to the MBGS.

SPE-MBGS MEETING

May 8, 2006 (Monday)

Coyote Creek
6951 Lansing Rd, Dimondale, MI.

Schedule: 5:00 to 6:00 PM Social Hour
6:00 PM Dinner
Presentation after dinner

Cost \$25.00/member \$15.00 Student (includes dinner)

Topic: "LNG, What's Happening and Why."

by
John Morgan

SPE Dinner Meeting Reservation

Name _____

Number attending _____ Society _____

Enclosed Registration Fee _____ Will Pay at Door _____

Please make checks payable to **SPE** and return to Tammy Worden by May 5, 2006

Tammy Worden
On Assignment Engineering
22260 Haggerty Rd, Suite 160
Northville, MI 48167
Ph: (248) 735-9688 Fax: (248) 735-9689
E-mail: tammy.worden@onassignment.com

LNG – What’s Happening – and Why!

John Morgan

Abstract:

The Liquefied Natural Gas (LNG) industry is growing strongly. In addition to the traditional markets of Japan, Korea and Taiwan there is increased LNG import activity into the USA, Europe, China and other regions. This is a capital intensive industry requiring long lead-times and special contractual relationships between sellers and buyers. The technologies are undergoing change and improvement, the LNG tankers are becoming more numerous and larger; LNG import terminals are appearing in many new countries and indeed the previously-used commercial arrangements are evolving.

Base-load plants are being constructed in new countries and the traditional LNG supply-demand pattern is becoming increasingly complex. This presentation illustrates key developments in the world of LNG. Important changes in the trade, required investment levels and the technology are described in this rapidly growing business

Biography:

John Morgan is based in Denver, Colorado and is President of John M. Campbell & Company with more than 35 years experience. His oil industry career began in the Canadian Athabasca Tar Sands and has encompassed responsibilities in the design, start-up and troubleshooting of oil & gas facilities. He has published extensively on sour gas treating, LNG training, sulfur recovery, CO₂ EOR and treating, materials of construction, and cryogenic gas processing. He consults for both North American and International clients. He performs training in LNG, oil & gas production facilities and gas plants around the world. He is very active in industry activities including membership of the Editorial Review Board of the Gas Processors Suppliers Association and the Advisory Committee of the Laurance Reid Gas Conditioning Conference and was formerly an Adjunct Professor of Petroleum Engineering at the Colorado School of Mines. Mr. Morgan holds a B.Sc. in Chemical Engineering from London University, England, an M.E. in Chemical & Petroleum Refinery Engineering from Colorado School of Mines, USA, and is a Registered Professional Engineer in Colorado.

MBGS Geologists in the News

The AAPG Explorer ran an item stating that **G. Michael Grammer** and 2 others won the Robert H. Dott Sr. Memorial Award for Memoir 80 – “Integration of Outcrop and Modern Analogs in Reservoir Modeling” Congratulations Mike!!

Also **David Baxter** gave a radio interview on the collapse of part of Miners Castle Rock. The following links provide photos and quotes from Dave

<http://www.miningjournal.net/stories/articles.asp?articleID=2935>

First on-line story about the 10:30 AM Thursday Apr-13 collapse.

<http://www.miningjournal.net/stories/articles.asp?articleID=2901>

MICHIGAN BASIN GEOLOGICAL SOCIETY FIELD TRIP

The Birthplace of Commercial Oil Production in North America: Petrolia, Oil Springs, & Fairbanks Farm Historical Tour

20 May 2006

MEET AT: 'Bluewater Bridge' parking Lot on the Ontario side at the **Tourist Information Center** near Exit 1 on Kings Highway 402. **Bring your birth certificate & pictured ID for Customs.**

(Those who want more info and maps on Petrolia can visit www.petroliadiscovery.com/.)

WHEN: Saturday, 20 May 2006, 9 am

REGISTRATION FEE: \$35.00 for food at breaks, a box lunch, and admission fees at Oil Springs Museum & Petrolia Discovery. **For student's the registration fee will include the MBGS membership fee.** (We are all invited to stay for 'fish & chips' supper in Sarnia after the tour at our own expense.)

DRESS: Much of the tour is outdoors so comfortable walking shoes and whatever else the weather dictates. **EQUIPMENT:** Bring your camera and/or video recorder.

MBGS MEMBERS ONLY! Go to www.mbgs.org/membershipapp.html for a membership application and use me as a sponsor if you don't have one. Send or bring the application with you along with the \$25.00 dues.

NOTE, US citizens entering Canada will need a picture ID and birth certificate

PETROLIA, OIL SPRINGS, & FAIRBANKS FARM PETROLEUM HISTORICAL TOUR

NAME: _____

ADDRESS: _____

E-MAIL: _____ **TX#:** _____

Registration Fee of \$35.00 enclosed: Yes ___ No ___ I will pay at the tour ___

MBGS Member: Yes/No (include \$25.00 fee and membership application or bring it with you on the tour.)

PLEASE MAIL, FAX, OR E-MAIL THIS FORM

TO: Len Espinosa, Forest, Mineral, and Fire Management, PO Box 30452, Lansing, MI 48909-7952; Fax# 517-373-2443, TX# 517-335-3248, E-mail espinosl@Michigan.gov

