

On the Rocks



A Newsletter of the Michigan Basin Geological Society

2003-2004 Number 4

www.mbgs.org

November 2003

EVENTS

Oct. 23, 2003: PTTC Trenton/Black River Core Workshop at the Holiday Inn, Mt. Pleasant, Michigan.

November 5-7, 2003: Ontario Petroleum Institute 42nd Annual Conference & Trade Show - London Hilton Hotel, Ontario, Canada

November 2-5, 2003: Geological Society of America annual meeting Seattle, Washington.

November 19, 2003: *(Note this is the third Wednesday in November)* Joint MBGS-SPE Meeting, the speaker is Robert Pearson and this topic is: "Optimized Gas Well Completions & Operations".

April 18-21, 2004: AAPG Annual Meeting, Dallas, Texas; Abstracts due September 11, 2003. Submit the abstract online at www.aapg.org/meetings/dallas04.

May 2004: Conference/Field Excursion Gaylord, Michigan. For more information see the MBGS website at: www.mbgs.org.

September 26-29, 2004: Society of Petroleum Engineers annual meeting Houston, Texas

October 3-5, 2004: AAPG Eastern Section Meeting Columbus, Ohio.

MBGS-SPE Meeting

November 19, 2003

Location: Mountain Jacks
5800 W. Saginaw Highway, Lansing, Michigan

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

Cost \$30.00/member \$15.00 Student (includes dinner)

Topic: "Optimized Gas Well Completions & Operations".
By Bob Pearson

MBGS Dinner Meeting Reservation

Name _____

Number attending _____ Society _____

Enclosed Registration Fee _____

Please make checks payable to **SPE** and return to Paul Laubitz by November 17, 2003

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University Talks and Seminars Websites

Western Michigan University,
www.wmich.edu/geology/SeminarGeos.html

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

University of Michigan, Turner Lecture Series,
www.geo.lsa.umich.edu/announce/turner02b.html

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, 2000, \$15

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

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

Special Price - Historical CD #1, #2 & #3, \$30

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

Price Includes 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
c/o Dept. of Geological Sciences
206 Natural Sciences Building
Michigan State University
East Lansing, Michigan 48824-1115

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.

**Society of Petroleum Engineers
Distinguished Lecturer 2003-04 Lecture Season**

Optimized Gas Well Completions and Operations

Bob Pearson

Abstract

The production and storage of natural gas has become a primary focus for many petroleum engineers in all areas of the world.

Because of its compressibility and low viscosity, gas is often produced at relatively high velocities, resulting in greatly increased risks of non-Darcy flow effects, friction losses, and erosion-corrosion than is seen in most oil wells.

In addition, because of its high mobility, gas can be produced from much lower permeability reservoirs and finer microfractures than would contribute to oil production. This, together with pressure depletion, may lead to some gas wells being produced with relatively low velocities in the well bore tubulars and flowlines and the associated problems of liquid holdup and severe slugging—all of which means that gas development and storage operations provides great scope for the petroleum engineer to optimize completions and system operations in order to minimize energy losses and to maximize net present worth and recovery.

This talk will address those opportunities and will be tailored to the prevailing conditions in the specific SPE region.

Biography

Bob Pearson is President of APA Petroleum Engineering, a subsurface oil and gas consultancy with offices in Canada and the U.S. From 1970 to 1980, he worked for Shell Intl. and from 1980 to 1982 for PetroCanada. He has extensive Production and Reservoir Engineering experience, including Completion Design and Gas Engineering for conventional and tight gas wells in land, offshore, and subsea settings. He is actively involved in development planning and system optimization studies in Canada, the U.S. and internationally. He instructs courses on various aspects of production and completions engineering for Canadian and multinational companies and for the Petroleum Society of CIM. He has been a member of SPE since 1975.

Gem & Mineral Show, Ingham Co. Fairgrounds, sponsored by Central Michigan Lapidary & Mineral Society, Fri. Oct. 24, 6p--9p, Sat. Oct. 25, 10a-7p, Sun. Oct. 26, 11a - 5p. Many Gem & Mineral displays, related hobby demonstrations, 10 dealers and More!

The Executive Committee meeting minutes are available on the website.

OPI 42nd Annual Conference & Trade Show

REGISTRATION

Hilton Hotel, 300 King Street, London ON N6B 1S2 • 1-800-210-9336

November 5 - 7, 2003

Name: _____

Title: _____

Company: _____

Address: _____

City: _____

Prov/Postal Code: _____

Email: _____

Check here to use existing OPI Membership Directory information.

REGISTRATION FEES:

OPI Members - Registration (after October 17) \$225 \$ _____

Non-Member Registration \$250 \$ _____

Guest Program (name for Guest Program badge: _____) \$60 _____

I will attend the Guest Program activities on Thursday

SPECIAL EVENTS:

Thursday: OPI Luncheon # _____ @ \$35 \$ _____

Friday: Luncheon and Guest Speaker # _____ @ \$35 \$ _____

Friday: Murder Mystery Dinner # _____ @ \$60 \$ _____

CONFERENCE PROCEEDINGS: # _____ @ \$45 \$ _____

Subtotal \$ _____

+ 7% GST (GST Registration #R104001458) \$ _____

Total Amount Enclosed \$ _____

All hotel reservations must be made directly with the Hilton Hotel: 1-800-210-9336

Please mention that the reservation is for the "OPI Conference" to receive the \$115 Cdn rate.

NOTES & CONDITIONS:

1. One Delegate and Guest per Registration Form please.
2. Refund Policy: full refund will be allowed on or before October 24, 2003 only.
3. Student and Retired Member Registration is \$35 + gst per person per day.
4. Non-Member delegates that join OPI during the convention can have their annual membership fees reduced by \$25.
5. All prices are in Canadian dollars. Please use exchange rate of 1 Cdn \$ = 0.75 US \$ for cheques drawn on a US bank.
6. Full Registration includes: Wednesday and Thursday Receptions; unlimited entry to the Trade Show area; and all Technical Programs on Thursday and Friday. Please ensure you wear your name badge at all times.
7. Guest Program Registration includes: Guest Program activities on Thursday; Wednesday and Thursday Receptions; and unlimited entry to the Trade Show area. Limited to guests of registered delegates, and excludes professionals active in the oil & gas industries.

8. Tickets must be purchased in advance for the Luncheons and Murder Mystery Dinner – space is limited.

Payment in Cash, Cheque or VISA only to: Ontario Petroleum Institute Inc.

Suite 104, 555 Southdale Rd. E. London, Ontario, Canada N6E 1A2 • Tel: (519) 680-1620 Fax: (519) 680-1621

The OPI Conference Program and Registration have been posted:
<http://www.ontpet.com/2003.htm>

In addition to the regular 3 day OPI Conference, we are hosting the Michigan/Ontario Cavern Operators Group Symposium, including a certification course on the CSAZ341 Standard ³Storage of Hydrocarbons in Underground Geological Formations.²

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