

Volume 58

No. 7

March 2010

# MISSISSIPPI GEOLOGICAL SOCIETY *eBulletin*



[missgeo.com](http://missgeo.com)

# **MGS 2008-2009 BOARD OF DIRECTORS**

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	E. Ralph Hines	Moon-Hines	(601) 572-8300

## ***MGS Representatives***

AAPG	Rick L. Ericksen	Board of Reg. Prof. Geologists	(601) 354-6370
AAPG	Maurice Birdwell	Independent	(601) 936-6939
GCAGS	Danny Harrelson	U.S. Army Engineers R&D Center	(601) 634-2685

## ***Other***

Environmental Section	Ken Ruckstuhl	Environmental Mgt. Serv.	(601) 992-8233
Historian	Stanley King	Independent	(601) 842-3539

# PRESIDENT'S LETTER

*Joe Johnson*

Fellow Members:

Since we did not have a February meeting due to the conflict with NAPE it will be great to see everyone at the March luncheon.

Dave Cate will be heading up the Boland Scholarship awards this month. We will be awarding \$1000 to 4 students from in state Mississippi colleges. It is of vital importance to keep young students interested in our great industry. The Mississippi Geological Society thanks Dave and the Boland family for their ongoing hard work, as well as membership contributions to the scholarship fund.

From time to time, the Honorary Membership Committee of the Mississippi Geological Society, comprised of Charlie Williams, Dudley Hughes, and Ralph Hines, recommends that a member of the society be named as an Honorary Member. At the March meeting, they will name Jim Furrh as our newest honorary member.

Just a reminder that the 2010 AAPG annual convention will be held in New Orleans on April 11-14. I hope many of you will show up and support this effort since it is so close to home.

Hope to see you at the March luncheon.

Joe



## **In This Issue:**

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**MGS Honorary Members**  
**Touching Elephant story**

## MGS MEETING SCHEDULE

When	What/Who	Where
September 10, 2009	Fall BBQ	Jackson Yacht Club
October 8, 2009	Dan Buller—Petrophysical Evaluation of the Haynesville Shale in NE Texas and NW Louisiana	River Hills
November 12, 2009	Gregory J. Zerrahn —North Monroeville Field Monroe County, Alabama	River Hills
December 5, 2009	Christmas Party and Dance	Colonial Country Club
January 14, 2010	Rick Kear—Wireline Borehole Imaging & Interpretation Basics	River Hills
February, 2010	NO MEETING	
March 11, 2010	Jim Furrh Induction into MGS Honorary Membership and Boland Awards	River Hills
April 8, 2010	Randy Bissell -GeoTour Barbados: Geologic Field Studies of Deep-Water Reservoirs on a Unique Caribbean Island	River Hills
May 13, 2009	Spring Fling	Jackson Yacht Club

The collecting of beer mats (coasters) is called tegestology.



### OFFICERS MEETINGS

August 11, 2009

September 1, 2009

October 6, 2009

November 3, 2009

December 1, 2009

January 5, 2010

February 2, 2010

March 2, 2010

April 6, 2010

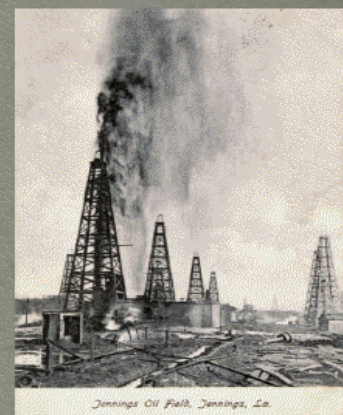
May 4, 2010

# 2010 OIL HISTORY SYMPOSIUM



**April 29<sup>th</sup> - May 1<sup>st</sup>  
Lafayette, Louisiana**

Co-sponsors:  
Petroleum History Institute  
Lafayette Geological Society



**CALL FOR ABSTRACTS  
Oral Presentations and Posters**

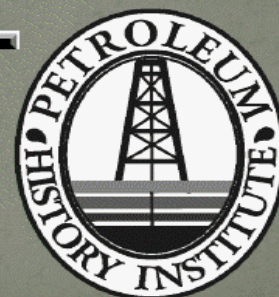


**Fieldtrips to: Jennings, LA;  
Texas Energy Museum; &  
Spindletop/Gladys City**

**Oil history Authors & Book Signings**

**For more information:**

**[www.petroleumhistory.org](http://www.petroleumhistory.org)**



**The Petroleum History Institute 2010 Oil Symposium & Field Trip  
April 29<sup>th</sup> - May 1<sup>st</sup>, 2010 – Lafayette, Louisiana  
*Migration to the Gulf Coast and Beyond***

**Co-sponsored by the Lafayette Geological Society**

**Symposium Headquarters: Lafayette Hilton Hotel, 1521 West Pinhook Road**

**Symposium co-chairs: Jeff Spencer, [jspencer@blackpoolenergy.com](mailto:jspencer@blackpoolenergy.com) (832) 379-1703  
King Munson, [kingmunson@gmail.com](mailto:kingmunson@gmail.com) (337) 456-5730**

**Coordinator of Paper/Presentations: Dr. William Brice [wbrice@pitt.edu](mailto:wbrice@pitt.edu) (814) 269-3950  
116 Luna Lane, Johnstown, PA 15904**

## **Symposium Schedule**

### **Thursday, April 29<sup>th</sup>, 2010**

**Early arrivals**

**A local tour - TBA**

**3 pm – 8 pm**

**Registration opens – Lafayette Hilton**

**6 pm – 7 pm**

**Icebreaker/Opening Reception – Lafayette Hilton  
Vermilion Ballroom  
Participants are on their own for dinner.**

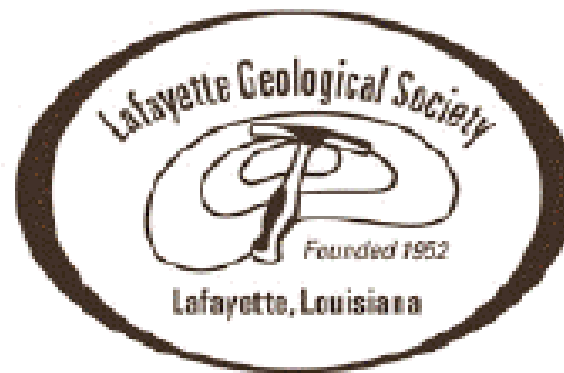
## Friday, April 30<sup>th</sup>, 2010

- 7:30 am – 11:30 am Registration open – Lafayette Hilton  
Poster Display set-up. Posters remain up all day.
- 7:30 am Continental breakfast – Lafayette Hilton
- 8:15 am Technical Session – Lafayette Hilton – Salon A
- 12:30 pm Luncheon Buffet – Lafayette Hilton. Keynote speakers:  
Fred McKinley and Greg Riley. Topic: their book,  
“Black Gold to Bluegrass”
- 2:00 pm – 5:30 pm Technical Session – continued (Salon A)
- 5:30 pm - 6:00 Author book signings – Salon A
- 7:00 pm Awards Banquet – entertainment by (TBA)  
Vermilion Ballroom

## Saturday, May 1<sup>st</sup>, 2010

- Breakfast – on your own
- 8:00 am - ? Fieldtrip to Jennings oil field, Texas Energy Museum, and  
Spindletop/Gladys City. **BUS LEAVES AT 8:00!**  
Guidebook, snacks, drinks, box lunches, and museum  
fees provided/covered.  
( [www.spindletop.org/info/index](http://www.spindletop.org/info/index))  
([www.texasenergymuseum.org/default.asp](http://www.texasenergymuseum.org/default.asp))
- 7:00 pm Farewell Dinner w/entertainment by (TBA)  
Lafayette Petroleum Club, 111 Heymann Blvd.  
([www.pclafayette.com](http://www.pclafayette.com))

NOTE: entertainment for the two dinners TBA. Plans are underway for one of the dinners to include some Cajun music.



## **2010 OIL HISTORY SYMPOSIUM**

Lafayette, Louisiana – April 29-May 1<sup>st</sup>.

Co-sponsored by the Lafayette Geological Society  
and the Petroleum History Institute

### **Sponsorship Form**

**Note:** sponsor names & logos and/or business card will be included in the Symposium Program Book and on a poster that will be displayed in the Symposium meeting room.

Bronze Sponsor.....\$100.00  
Silver Sponsor.....\$250.00  
Gold Sponsor.....\$500.00  
Platinum Sponsor..... \$1000.00

Sponsors may also choose to host or co-host a symposium event, such as the Thursday evening icebreaker/reception, the Saturday fieldtrip (\$2.00 per person museum fee and/or \$100.00 for the Gladys City gusher to be set off with water!), speaker appreciation gifts, guidebook, or one of the meals. Contact one of the co-chairman for more information.

**Name:**

**Company Name:**

**Address:**

**City:**

**State:**

**Zip code:**

**Sponsorship Level:**

**E-mail address and/or fax:**

**Mail to:** 2010 Oil History Symposium  
c/o Lafayette Geological Society  
PO Box 51896  
Lafayette, Louisiana 70505

**Checks payable to:** Petroleum History Institute

**Contacts:** Jeff Spencer 832-379-1703 [jspencer@blackpoolenergy.com](mailto:jspencer@blackpoolenergy.com)  
King Munson 337-456-5730 [kingmunson@gmail.com](mailto:kingmunson@gmail.com)

**The Petroleum History Institute 2010 Symposium**  
**April 29<sup>th</sup> – May 1<sup>st</sup>, 2010 - Lafayette, LA**  
**Co-sponsored by the Lafayette Geological Society**  
*Migration to the Gulf Coast – 1901 and Beyond*

**SYMPOSIUM REGISTRATION FORM**

Name	Affiliation
Street	City
	State
	Zip
Telephone	Email
Spouse Name (if attending)	Special Needs: (examples – dietary, mobility, etc.)
PHI Member: <input type="checkbox"/> Yes <input type="checkbox"/> No	LGS Member: <input type="checkbox"/> Yes <input type="checkbox"/> No

**REGISTRATION FEES**

Full registration for the complete symposium covers all technical sessions, social events and the fieldtrip, including the program with abstracts booklet, field guidebook, one breakfast, lunches, reception, awards banquet, and farewell dinner, as well as information packets. *Please register by April 15, 2010*

- PHI or LGS Member ..... \$ 275. (early fee: \$250 if received by March 15<sup>th</sup>)
- PHI Corporate Member ..... \$ 250. (early fee: \$225 if received by March 15<sup>th</sup>)
- Student ..... \$ 150. (early fee: \$125 if received by March 15<sup>th</sup>)  
*Member of PHI or UL-Lafayette geology student*
- Non-Member of PHI/LGS ..... \$ 315. (early fee: \$290 if received by March 15<sup>th</sup>)  
*(includes 2010 membership)*
- Spouse of PHI Member ..... \$ 175 (early fee: \$150 if received by March 15<sup>th</sup>)

- ONLY Friday, April 30, 2010 ..... \$ 150.  
*(includes breakfast, lunch w/keynote speaker, full day of technical presentations, program, & awards banquet)*
- ONLY Awards Banquet, evening of Friday, April 30, 2010 ..... \$ 50.
- ONLY Fieldtrip to Spindletop – Sat., May 1st ..... \$ 60.  
*(includes bus, box lunch, guidebook & museum fees)*

\_\_\_\_\_ Total Registration Fee Enclosed  
*Make check payable to "Petroleum History Institute"*  
 (sorry, no credit cards for registration fees)

Please Return Completed Form and Check to:  
 Petroleum History Institute  
 P. O. Box 165  
 Oil City, PA 16301-0165

**Sponsorship opportunities available**

Contact Symposium Chair, Jeff Spencer with questions:  
[jspencer@blackpoolenergy.com](mailto:jspencer@blackpoolenergy.com); (832) 379-1703

For master schedule visit [www.petroleumhistory.org](http://www.petroleumhistory.org)

**LODGING**

Please make your lodging reservations directly with your hotel of choice. Symposium headquarters is the **Lafayette Hilton Hotel**, 1521 West Pinhook Road, Lafayette, Louisiana 70503. (800) 445-8667; two double bed rate is \$119/night; one king bed rate is \$129.00/night. Room reservations need to be made by April 8, 2009. A block of 25 rooms are being held for 4/29, 4/30, & 5/1 under the Petroleum History Institute – mention when making your reservations.



Interested in joining the AAPG or becoming certified?

The AAPG is the premier organization of the geosciences. It's roots are in the oil and gas industry and it continues to be an organization dedicated to the energy industry. Ernie Mancini, University of Alabama, who has close ties to the Mississippi Geological Society, is a current candidate for president of the AAPG. The Division of Professional Affairs is the certification arm of the AAPG. Members are certified as a Petroleum Geologist or Geophysicist or as a Board Certified Geologist or Geophysicist. If you would like to join the AAPG or become certified, contact either Rick Ericksen at 601-354-6370, e-mail= [geology@msbrpg.state.ms.us](mailto:geology@msbrpg.state.ms.us) or Maurice Birdwell at 601-936-6936, e-mail= [mnbirdwell@comcast.net](mailto:mnbirdwell@comcast.net).

**Wanted: GCAGS Board Minutes, 1948 to 1988, 2003.**

The GCAGS Continuity Committee and Historian would like to acquire the GCAGS Board meeting minutes from the years before 1988 as they review actions and update the history of the Section. If you have any minutes from those years, could you scan and email (or snail mail) those minutes to Ken Nemeth at [knemeth@slb.com](mailto:knemeth@slb.com) <<mailto:knemeth@slb.com>> (518 Ashford Forest; Houston, TX 77079). Please let him know if you want anything returned.

The road to success is always under construction.

Gulf Coast Association of Geological Societies  
and the Gulf Coast Section of SEPM

**-- CALL FOR PAPERS --**

**60<sup>th</sup> Annual Convention**  
**October 10-12, 2010**  
**San Antonio, Texas**

*Hosted by the South Texas Geological Society!*



Welcome back to San Antonio! Our theme this year is "Weathering the Cycles" – a challenge that resource geologists have faced and overcome in the past. How do we weather the economic cycles? We...

- ✓ Network with our community
- ✓ Experience the latest technology in the technical exhibition
- ✓ Take a course or a trip and grow new and diverse skills
- ✓ Listen to special presentations on strategies to endure and prosper during an economic downtime and prepare for the inevitable rebound.

By celebrating our successes, facing our challenges, and learning from the research results of our peers, we are paid back many fold by sharing ideas and experiences among our professional community. So come and share your experiences! Suggest a session topic, present an oral paper or a poster, learn about the latest ideas and technologies in our field. Come to San Antonio and enjoy the Gulf's own geoscience convention!

**PROPOSED TECHNICAL SESSIONS INCLUDE...**

- ✓ **Organic 'Shales' of the Gulf Coast** – Controls on Reservoir Quality and Producibility
- ✓ **Gulf of Mexico Paleogene** – Reservoirs, Events and Controversies
- ✓ **Eastern Gulf of Mexico** – Exploration Potential and Environmental Challenges
- ✓ **Texas/Mexico Borderlands** – Structures, Hydrocarbons, and Lessons Learned
- ✓ **Unconventional Resources** – Exploration Decisions and Production Issues
- ✓ **Integration of Seismic Geomorphology and Wellbore Data** - Case Studies
- ✓ **New and Evolving Technologies** – Impact on Commerciality
- ✓ **Horizontal Drilling and Formation Stimulation** – Edwards, Wilcox, and elsewhere
- ✓ **Carbon Sequestration** – Risks, Opportunities, and Implications for EOR
- ✓ **Alternative Energy Solutions** – The Role of Geoscience
- ✓ **Water for a Growing Region** – Geology, Water Quality and Resource Management
- ✓ **Geologic Training and Education** – Preparing for the Crew Change

**HOW TO SUBMIT:**

Abstracts (not more than 250 words) should be submitted for review online to the technical program chair. Papers should have application to Gulf Coast and Gulf of Mexico geology. Include your full mailing address, telephone and FAX numbers, email address, and whether you are submitting for **oral** or **poster** or **either** (preferred).

**Submit abstracts by February 15, 2010 to [www.gcags2010.com](http://www.gcags2010.com)**

Notification of acceptance by March 15, 2010. All presenters, both oral or poster, must submit either a paper (10-12 pages) or an extended abstract with key figures for review by **April 16, 2010**. Full instructions for authors with templates are posted at [www.gcags2010.com](http://www.gcags2010.com).

**ABSTRACT DEADLINE: FEBRUARY 15, 2010!**

Questions or ideas for the technical program should be directed to:

Dr. Mary Feeley

Technical Program Chair

281-654-3588

[missy.feeley@exxonmobil.com](mailto:missy.feeley@exxonmobil.com)

Dr. Alan Dutton

SEPM Co-Chair

210-458-5746

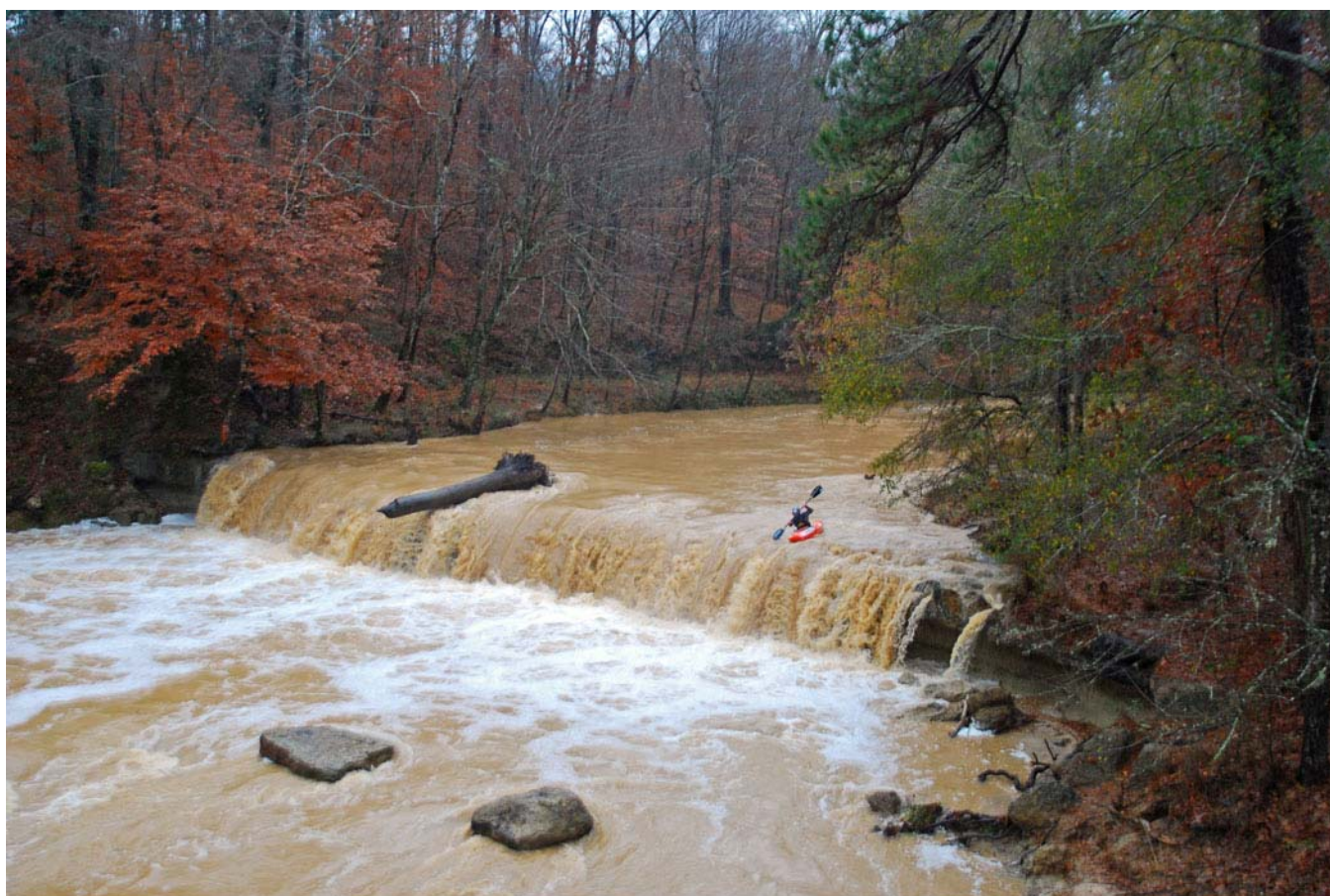
[alan.dutton@utsa.edu](mailto:alan.dutton@utsa.edu)



## THE MIOCENE OF MISSISSIPPI, A FAMILY AFFAIR

David T. Dockery III, Mississippi Office of Geology

Ken Davis and James Starnes of the Surface Geology Division have been mapping the Miocene of southern Mississippi for a number of years at a scale of 1:24,000, one 7.5-minute quadrangle at a time. The lowest and oldest formation of the Miocene sequence in Mississippi is the Catahoula Formation. Sandstone and quartzite ledges in the Catahoula Formation are responsible for waterfalls and white-water streams in south-central Mississippi. In the first picture below, Ken Davis is standing above a waterfall on Owens Creek in Claiborne County at low flow. Ken's son Leland and daughter-in-law Andria are professional kayak paddlers. The second picture below was taken by Leland of his wife Andria paddling over the Owens Creek waterfall at high flow after the snow-storm of December 11, 2008, a storm that left Claiborne County wet and neighboring Covich County covered in snow. Andria ran the waterfall not just once but three times that day. Other white-water adventures can be seen on Leland's website: [rivergypsies.com](http://rivergypsies.com).

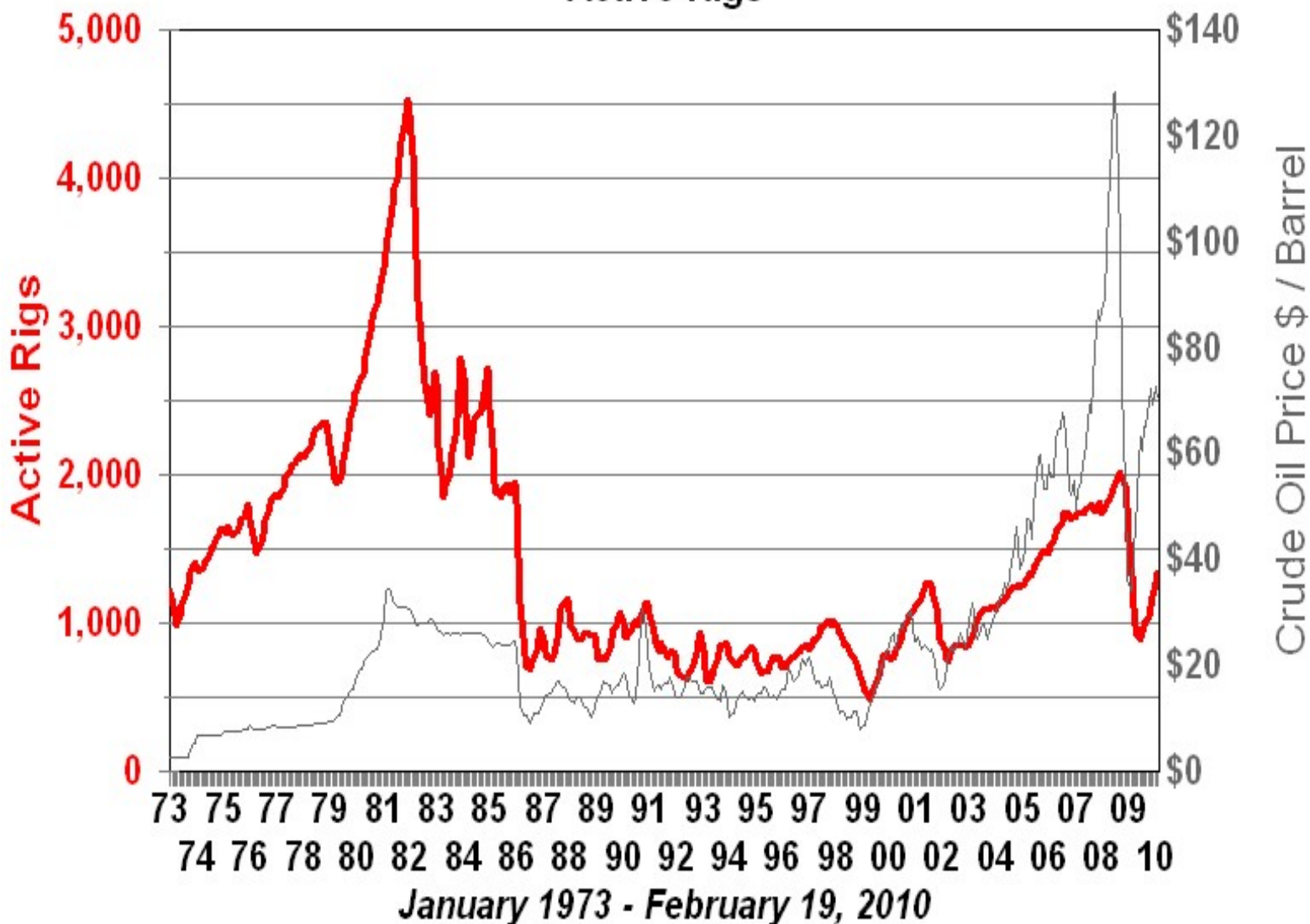


Andria Davis paddling over a waterfall at a Catahoula sandstone ledge on Owens Creek in Claiborne County during high flow associated with the rain and snow storm of December 11, 2008. The picture (digital) was taken by Leland Davis



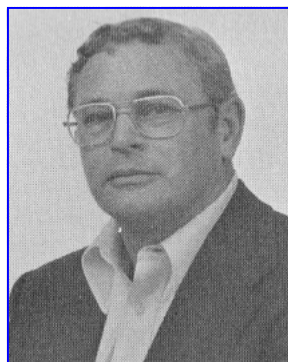
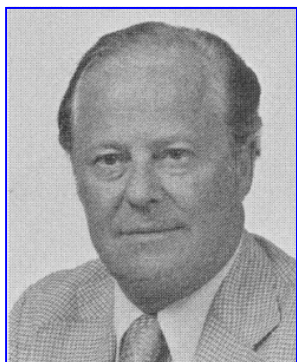
Figure 000. Ken Davis standing on the top ledge of a waterfall over sandstone ledges in the Catahoula Formation on Owens Creek in the NW/4, Section 20, T. 13 N., R. 5 E., Claiborne County. Picture (color negative 526-24) taken on September 14, 2004.

## U. S. Rotary Rig Count Active Rigs



## Who are these MGS members?

Hint: 1978



Answers on last page

## MGS BOLAND SCHOLARSHIP FUND

The Society's L. F. Boland Scholarship Fund is open to donations (tax deductible) year round. Your contribution will help the Society recognize and reward outstanding earth science students at its annual Honors Day meeting on March 11, 2010.

Since inception in 1980, the Society has honored 104 students with the Boland Award. If you would like to contribute, please contact Dave Cate at 601-718-9397 or mail your check (L. F. Boland Scholarship Fund) to him at 217 W. Capitol St., Jackson, MS 39201.

The MGS gratefully acknowledges the following contributors to the L. F. Boland Scholarship Fund for the 2009-2010 year.

### The Boland Family

Joe  
Bill  
Pat  
Liz  
Butch  
Mike  
Mary

Maurice Birdwell  
Dave Cate  
Chris Franks  
Jim Furrh  
Paul Gribas  
Meade Hufford  
James D Libiez

Maurice Meylan  
George Puckett  
Jim Michael  
Julius Ridgway  
Bob Schneeflock  
Tony Stuart

Randy Bissell in Memory of William H. (Bill) Moore

### MGS Honorary Members

**Esther Applin\***

**Paul Applin\***

**Lawrence F. Boland\***

**Verne Culbertson**

**H. Leroy Francis\***

**David C. Harrell\***

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**Wilbur H. Knight\***

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**Stewart W. Welch**

**Charles H. Williams**

**Jerry Zoble**

**\* deceased**

**MEMBERSHIP APPLICATION / RENEWAL FORM**

**MISSISSIPPI GEOLOGICAL SOCIETY**

**P.O. BOX 422, JACKSON, MISSISSIPPI 39205-0422**

**2009-2010**

Membership year is June through May

New Membership (\$20/yr)\_\_\_\_\_ Renewal (\$20/yr)\_\_\_\_\_ Student (\$5/yr)\_\_\_\_\_ Associate (\$20/yr)\_\_\_\_\_

Boland Scholarship Fund Donation \$\_\_\_\_\_ Total Amount Enclosed \$\_\_\_\_\_

Last Name:\_\_\_\_\_ First:\_\_\_\_\_ MI:\_\_\_\_\_

Mailing Address:\_\_\_\_\_

Office Phone:\_\_\_\_\_ Home Phone:\_\_\_\_\_ FAX:\_\_\_\_\_

E-mail Address: \_\_\_\_\_

College/University Attended: \_\_\_\_\_

Degree(s) Obtained and Year(s) Awarded: \_\_\_\_\_

Professional Associations, Certifications, & Licenses: \_\_\_\_\_

# The following are MGS members in good standing

Ken Adams	Meade Hufford	Darrel Schmitz
Ed Address	Dudley Hughes (H)	Robert Schneeflock (O)
Les Aultman	Timothy W. Hurst	Wallace Scoggins
Bill Bagnall	Lisa Ivshin	Mark Scott
Larry Baria	E.G. Jeffreys	Thomas B. Seitz
Neil Barnes	W. Kevin Jeffreys	George Self
Michael Bilberry	Ron Jinkins	Bren Sidereas
Maurice Birdwell	James C. Johnson	John Silvernail
Randy Bissell	Joe Johnson (O)	Brian Sims (O)
Mike Blackwell	Lars Johnson	Shane Sklar
Michael Bograd	Karl Kaufmann (O)	Charlie Smith
Chris Bowen	Stanley King (O)	Don Smith
Joe Bradley	Cragin Knox	George T. Smith
Robert Branson	Jake Lacy	Jimmy Sparks
Alvin W. Byrd	James R. Landrem	Harry Spooner (H)
Pittman Calhoun	Dee Layman	Michal Spooner
Dave Cate	Cody Lenert	James Starnes
Matt Caton	James D. Libiez	Jim Stephens
Glen C. Clark	Mike Liebert	Lindsey Stewart
Reino Clark	Tim Lyons	Edwin Sticker
Graham Cook	Ken Magee	Tony Stuart
Phil Cook	John McCallum	John Sullivan
John Cox (O)	Joe McDuff	Andy Sylte
Verne Culbertson (H)	Thomas E. McMillan	Mike Taylor
Jim Cummings	Jonathan McMillin	Stan Thieling
David Dockery	Maurice A Meylan	Bob Thomas
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Chris Fancher	Dean Miller	Janet Verret
Jim Files	Jack Moody	George Vockroth
Chris Franks	Pat Moore	Steve Walker
Jim Furrh	Charile Morrison	Steve Walkinshaw (O)
Stan Galicki	James Mulligan III	Eddie Waller
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Donald Gifford	Jim Nix	Johhnie Wanger
Thomas Giosa	James Norris	Vaughn Watkins, Jr. (H)
Carl Gray	Conner Perkins	Stewart W. Welch (H)
Bobby Greenwood	Frank Perkins	Rob Weyman
Paul Gribas	Thang Pham	Joe R. White
Phillip Gunter		Charles Williams (H)
Wayne Haley	Jeanne S.F. Phelps	Lance Wilson
David Hancock (O)	Shawn Stewart Pool	Bradley Winton
George Haymans	William Potthoff	Bob Womack
Franklin Heitmuller	Billy Powell	Mark Wyatt
Dan Herlihy	George Puckett	Steven Richard Yancey
Bob Herr IV	James H. Rawls	Asim Yousafzai
Ezat Heydari	Phillip Reeves	Jerry Zoble (H)
David Higginbotham	Armando Ricci	
David Hilton	Bill Ridgway	(O) - officer
Ralph Hines (H)	John G. Ridgway	(H) - Honorary
Todd Hines	Julius Ridgway	
Johnny Holifield	Ken Ruckstuhl	
Bernard Holman	Howard Samsel	



## MGS ADVERTISING ORDER FORM

September 2009 – May 2010

### I. Bulletin Advertisements:

<u>Size</u>	<u>Rate/Year</u>	<u>Amt. Remitted</u>
Full Page Ad (6" x 8")	\$500	\$ _____
1/2 Page Ad (6" x 4")	\$300	\$ _____
1/4 Page Ad (3" x 4")	\$200	\$ _____
Business Card Ad (1 1/2" x 3")	\$100	\$ _____
Professional Listing (1/2" x 3")	\$ 50	\$ _____

### II. Web Page Advertisements (www.missgeo.com):

<u>Type of Web Page Ad</u>	<u>Rate/Year</u>	<u>Amt. Remitted</u>
Front Page Sponsor (Banner Ad – limit of 5)	\$500	\$ _____
Second Page Banner Ad	\$250	\$ _____
Professional Listing/Link	\$100	\$ _____

(Note: Please contact Steve Walkinshaw at (601) 607-3227 or mail@visionexploration.com for details concerning placing your ad on the MGS web site.)

**Total Remitted** \$ \_\_\_\_\_

Please make checks payable to the Mississippi Geological Society. If you have any questions, contact John Cox at (601) 978-1763 or john\_cox@bellsouth.net

**SEI**®

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125 South Congress St., Suite 1212, Jackson, MS 39201  
Office (601) 353-2738    Res. (601) 924-4830

**VANTAGE OIL COMPANY**

7170 Tank Road    (601) 878-0593  
Terry, MS 39170



**Mirror Lake Office Plaza**  
**2829 Lakeland Drive, Suite 1670**  
**Flowood, Mississippi 39232**  
**Phone: (601) 420-9892**  
**Fax: (601) 420-9893**



**OPERATING GROUP, LLC**

602 Crescent Place, Suite 100

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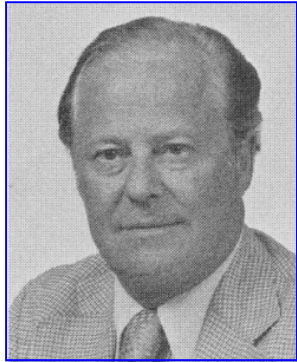
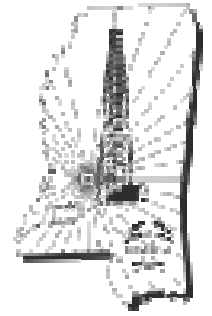
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