

# NOGS LOG

Official Publication of the New Orleans Geological Society, Inc.

July 2005

Volume 46, Number 1

## JULY AND AUGUST ACTIVITIES

- July 11 NOGS Luncheon, Fairmont Hotel. Dr. Carl Fiduk from CGG will present "Extensional rafting: A new idea for structural control of shelf margin and slope facies deposition in Upper Wilcox strata of South Texas, northwestern onshore Gulf of Mexico." Contact the NOGS office for reservations.
- August 4-7 30th Annual Field Conference: Rocky Mountain Front Geology, Augusta/Choteau, Montana, USA, by the Tobacco Root Geological Society. Information: Jim Sears and Emily Geraghty, Dept of Geology, University of Montana, Missoula, MT 59812-1296, E-mail: james.sears@umontana.edu/emily.geraghty@umontana.edu, Web: www.trgs.org
- August 7-12 8th International Conference on Fluvial Sedimentology, Technical University Delft conference centre, Delft, The Netherlands, hosted by the Technical University Delft. Information: Prof. Dr. S.B. Kroonenberg, Mijnbouwstraat 120, 2628 RX Delft, the Netherlands, Phone: +31(0)15 278 1328 FAX: +31(0)15 278 1189, EMail: Organizing.committee@8thfluvconf.tudelft.nl, Web: <http://www.8thfluvconf.tudelft.nl/>
- August 8 NOGS Luncheon, Fairmont Hotel. Barry Schneider from Denbury Resources, Inc. will present "Overview of Denbury's West Mississippi CO<sub>2</sub> operations with an emphasis on the West Mallalieu Field CO<sub>2</sub> project performance." Contact the NOGS office for reservations.
- August 8-11 Earth System Processes 2, Westin Hotel, Calgary, Alberta, Canada, hosted by the Geological Society of America, Geological Association of Canada. Information: Diane Matt, P.O. Box 9140, Boulder, CO 80301-9140, Phone: (303) 357-1014 FAX: 1- (303) 357-1074, EMail: dmatt@geosociety.org, Web: <http://www.geosociety.org/meetings/esp2/>
- August 15-16 9th Annual Gulf of Mexico Deepwater Technical Symposium, Hilton Riverside, New Orleans, LA, hosted by SPE, NOGS, & AADE. Information: Tom Hudson, phone 504-592-7163, Email tom.hudson@chevrontexaco.com. Register on line at <http://www.spe-delta.org/calendar.asp>
- August 17 API Delta Chapter Luncheon, "High Power Fiber Lasers - A Technological Breakthrough for Non-Explosive Well Bore Perforations and Completions." Presented by Brian Gahan from Gas Technology Institute. More information at <http://api-delta.org/>, Carlos Guzman email carlos.guzman@shell.com (504) 728-4787.

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### NOGS Luncheon Meeting

#### FAIRMONT HOTEL

The Blue Room on the  
First Level

Lunch served at 11:30am

#### ADMISSION:

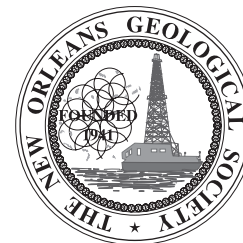
with reservation ..... \$25.00

without reservation ..... \$30.00

Student Member with reservation ... Free

**NOGS Office**

Office Manager: Annette Hudson  
 Office Hours: 8:30am – 3:30pm on Monday-Wednesday-Friday  
 Tel: 504-561-8980 • Fax: 504-561-8988  
 E-mail: nogs@gs.net • Website: www.nogs.org  
 The office is located at Suite 300, 810 Union Street, New Orleans, LA 70112.  
 Correspondence and all luncheon reservations should be sent to the above address.  
 Sent to press on June 13, 2005.



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AAPG Student Chapter	Emily Martin	Tulane University	504-863-7500	emartin6@tulane.edu
AAPG Student Chapter	Sirel White	UNO	504-736-2772	scwhite@uno.edu
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Employment Counseling	TBA	MMS	504-736-2481	jeff.kersting@mms.gov
Entertainment	Michael N. Fein	W & T Offshore	504-831-4171	lfeinm1@cox.net
Environmental	Don Evans	Murphy Expro USA	504-561-2497	don_evans@murphyoilcorp.com
External Affairs	TBA	Arpent Energy	504-583-0449	22cypres@bellsouth.net
Field Trip	David Garner	Shell	504-728-6154	R.David.Garner@shell.com
Finance and Audit	David E. Balcer	Chevron	504-592-6725	dbalcer@Chevron.com
Historical	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
Membership/Directory	Art Johnson	Hydrate Energy	504-464-6208	artjohnson51@hotmail.com
New Geoscientists (NGNO)	Anish Kumar	Schlumberger	504-592-5422	akumar11@new-orleans.oilfield.slb.com
Nominating	Robert B. Branson	Consultant	985-892-6194	hellik@aol.com
Non-Technical Education	Duncan Goldthwaite	Consultant	504-887-4377	DGldthwt@aol.com
Office Operations	Brenda E. Reilly	Murphy Expro USA	504-561-2478	brenda_reilly@murphyoilcorp.com
Publications Sales	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
Photography	George H. Rhoads	Chevron	504-592-6873	grhoads@Chevron.com
School Outreach	Thomas C. Bergeon	Shell	504-728-6480	thomas.bergeon@shell.com
Scouting	David Gillis	Schlumberger	504-592-5360	gillis1@new-orleans.oilfield.slb.com
Sponsorship	David G. Cole	Consultant	985-626-9428	
Technical Projects	Jeanne F. Phelps	Phelps Geoscience Serv.	504-931-5651	pgeoserv@bellsouth.net

**GCAGS 2005**

General Chairman	Jim Zotkiewicz	Zot Oil & Gas	504-831-0603	jimz@zotoil.com
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**NOGS LOG STAFF**

Editor	Paul J. Post	MMS	504-736-2954	paul.post@mms.gov
Editor-Elect	Robert Rooney	Shell Expl & Prod Co	504-728-6871	robert.rooney@shell.com
Auxiliary	Mary Petrocco		337-828-5055	Petrocco@msn.com
Calendar	Ryan M. Ott	Chevron	504-592-6803	ottrm@Chevron.com
Info Tidbits	Robert Rooney	Shell Expl & Prod Co	504-728-6871	robert.rooney@shell.com
South Louisiana Drill Bits	TBA			
Webmaster	R. David Phelps	Phelps Geoscience	504-486-3225	dpgeostat4u@aol.com

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<b>Officers</b>		<b>Phone</b>	<b>Directors</b>	<b>Year</b>	<b>Phone</b>
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--- NOGS Contact List continued on page 8---



## *from the President*

This is my first column as president of NOGS and I would like to start off with a word of thanks to the distinguished members who agreed to run for NOGS offices. Their willingness to dedicate time and effort to maintaining and improving our organization is truly appreciated. Next time you see them, let them know you appreciate their dedication. It is the efforts of these members and others like them that make NOGS a vibrant and viable organization benefiting you, the profession and our community.

To many of our members, NOGS is just the monthly lunch meeting; however, in reality it is so much more. Since moving to New Orleans in 1990, I have been continuously learning about NOGS and the many benefits it offers.

When it comes to our continuing education, NOGS is there for its membership. The society's involvement in our professional education takes on many forms including short courses, field trips, publications, workshops and of course, the lunch meetings. The NOGS volunteers that put on the AAPG and GCAGS conventions in New Orleans do an incredible job of providing the global geologic community a chance to meet and learn from each other in a unique and wonderful city. This year's GCAGS convention in September will be no exception.

As geologists we cannot / should not live in isolation. Whether it is to find our next investment opportunity or another employment option, we need to interact with other geologists and professionals. NOGS provides the opportunity to network with your fellow industry professionals at entertainment events such as the

Holiday Party, the ever popular Golf Tournament, and formal meetings and workshops with other professional societies. The NOGS LOG is an effective means of disseminating information to the area geoscientists. Although it can't replace the personal connections, the NOGS website is another great portal to the geologic community. I encourage you to take advantage of the opportunities created by the NOGS volunteers: checkout the website, read the NOGS LOG and attend NOGS-sponsored events.

NOGS is concerned with the well being of our current members, as well as the future of the profession and the community in which we live. The Memorial Foundation provides over \$20,000 in scholarships annually to geology students attending area universities. In addition, the foundation is dedicated to supporting educators in the earth sciences. NOGS has an amazing fossil collection used by members to introduce students to geology. We are heavily involved in science fairs, Super Science Saturday and with Boy Scouts working on the geology merit badge. NOGS is making a difference.

The NOGS volunteers provide a diverse range of benefits to our members, the profession and our community. If you are like me, you are proud of NOGS and grateful to the many volunteers who make our society what it is today. In closing, I would ask two things of you. First, get involved by volunteering. Second, take advantage of the myriad of benefits that NOGS has to offer.

*Bret Hampton*

### **Western Gulf of Mexico Sale 196 on August 17**

The Minerals Management Service will conduct Western Gulf of Mexico Sale 196, offering over 3,700 tracts available for leasing by the industry, on August 17, 2005. The MMS has identified and selected several tracts that have attributes favorable for prospectivity. These unleased tracts were identified by their proximity to producing fields, confirmed hydrocarbons in boreholes on the tract, or their potential for royalty relief. Non-proprietary data relating to play descriptions, images of wells, OCS shelf field production data for perforations below 15,000 feet true vertical depth, and additional information that might be beneficial for bidding on tracts are available. This information can be found on the MMS webpage, <http://www.gomr.mms.gov/homepg/lssale/lssale.html>, Western Sale 196 - Potential Hydrocarbon Prospects for Sale 196.

# Extensional Rafting: A New Idea for Structural Control of Shelf Margin and Slope Facies Deposition in Upper Wilcox Strata of South Texas, Northwestern Onshore Gulf of Mexico

Joseph Carl Fiduk

*to present at the Luncheon on July 11, 2005*

## ABSTRACT

The prevailing paradigm for Upper Wilcox deposition in South Texas is that margin sedimentation was accommodated by growth faulting and slope failure. This same general mechanism is invoked around the Gulf of Mexico but fails to explain why Upper Wilcox deltaic sediments are greatly expanded but also relatively confined compared to other Paleogene deltaic centers.

Examination of 2D seismic data in South Texas has identified what is now interpreted to be a large, rafted block of Eocene, Paleocene, and Cretaceous strata, analogous to rafts identified in the Kwanza Basin of Angola. Preliminarily named the "Wilcox raft" because of its association with the Wilcox depotrough, it has been identified in the subsurface extending from Starr County on the Texas - Mexican border, northward over 200 kilometers into Live Oak County, Texas. The actual extent of rafted material may extend farther to the north and/or south. The raft's detachment surface is interpreted to be at the base of the Jurassic Louann salt.

The Wilcox raft contains one primary block more than 150 kilometers long and 15 to greater than 30 kilometers wide. The primary raft block may be segmented, and the entire rafted unit may include a number of smaller branching arms, ramps, and offset fault blocks. Various portions of the raft have down-dip displacements from 5 to greater than 30 kilometers. The raft is bound on the west by expanded Upper Wilcox (early Eocene) strata and on the east by expanded Queen City (middle Eocene)

strata. Other incompletely detached blocks lie to the west of the raft across the Wilcox depotrough. Raft geometries suggest that at least one additional rafted block lies farther basinward of the Wilcox raft, possibly beneath expanded Vicksburg (early Oligocene) strata. The raft system may be segmented along strike by switching vergence of the master fault cutting the Cretaceous, thereby providing possible local escape points for Wilcox sediments to more distal locations.

A proposal for rafting in this area of South Texas is not entirely new. Earlier modeling and restorations across the Wilcox depotrough have incorporated rafts. However, these models were predicated on large-scale salt withdrawal and incorporated more than three kilometers (>10,000 feet) of autochthonous salt occupying the area of the Wilcox depotrough. We believe that a much thinner autochthonous salt layer existed beneath South Texas. In other areas of the northern Gulf of Mexico where thick autochthonous salt existed, salt stocks are abundant. Although a few salt structures do exist in South Texas, there are very few compared with other interior salt basins. Forward modeling suggests that large sedimentary structures in the Wilcox depotrough, which can be misinterpreted as turtle structures, are related strictly to deposition during raft extension and not salt withdrawal. The geometries can be produced purely by extension on multiple detachments (Louann and lower Paleocene Midway shales) linked by ramps that dip both basinward and landward.

## BIOGRAPHY

Carl Fiduk graduated with a B.S. (1979) and an M.S. (1982) in Geology, both from the University of Florida. He later received his M.B.A (1985) degree from the University of Texas at the Permian Basin and his Ph. D. in Geology from the University of Texas in Austin (1994). He has worked for the USGS, Gulf Oil, Discovery Logging, the Texas Bureau of Economic Geology, British Petroleum, the University of Colorado, and as a private consultant. He is a member of the AAPG, SEG, GCSSEPM, HGS, and GHS and is an AAPG Certified Petroleum Geologist. His research

interests cover sequence stratigraphy, sedimentology, salt structural deformation and evolution, basin analysis, shallow and deep marine depositional processes, petroleum systems analysis, and the use of three-dimensional time and depth data in petroleum exploration. On these subjects, Carl has authored 50+ papers and abstracts and has given several hundred presentations. Carl is presently Chief Geologist for CGG Americas, Inc. working with their depth imaging group in Houston.

**THE LUNCHEON RESERVATION DEADLINE IS JULY 6, SO CALL THE NOGS OFFICE - TODAY!**

## “And Looking Ahead...”

The next luncheon will be August 8th. Barry Schneider from Denbury Resources, Inc. will present “Overview of Denbury’s West Mississippi CO<sub>2</sub> operations with an emphasis on the West Mallalieu Field CO<sub>2</sub> project performance.” Contact the NOGS office at 561-8980 to make your reservations.





# The Society for Organic Petrology (TSOP)

AGI Member Society  
AAPG Associated International Organization

## 22nd ANNUAL MEETING ANNOUNCEMENT

**Louisville, Kentucky, USA      September 11-14, 2005**

**Meeting themes:** CO<sub>2</sub> sequestration, coal utilization, coalbed methane, coal petrology, organic geochemistry

**Oral and Poster Sessions      Special technical session:** Dispersed organic matter

**Pre-meeting workshop:** CO<sub>2</sub> sequestration      **Field trip:** Falls of the Ohio

### MEETING CONTACTS:

**Jim Hower**

Center for Applied Energy Research  
2540 Research Park Drive  
Lexington, KY 40511-8410 USA  
Phone: 859-257-0261; Fax: 859-257-0360  
E-mail: hower@caer.uky.edu

**Maria Mastalerz**

E-mail: mmastale@indiana.edu

*TSOP presents a \$250 student paper award*

**Meeting and society details:**

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

## NOGS CONTACT LIST

--- continued from page 3 ---

### MEMORIAL FOUNDATION BOARD OF TRUSTEES

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2007-08 Trustee	TBA			

### AAPG DELEGATES

#### Term Ends

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2005	Scott Wainwright	Bret Exploration	504-889-2700	scott_wainwright@hotmail.com
2005(a)	William J. Furlong	Consultant	504-482-4778	
2006	Tom Klekamp	El-Can Exploration	985-626-5808	klekamp@bellsouth.net
2006	Robert G. Murphy	Energy Partners	504-799-1918	bmurphy@eplweb.com
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2007	Thomas C. Bergeon	Shell	504-728-6480	thomas.bergeon@shell.com
2007(a)	J. Stephen Tissue	Chevron	504-592-6030	stevetissue@Chevron.com

## NOGS Members Achieved Years of Consecutive Membership

The following members joined NOGS in 1980 and achieved **25 years** of consecutive membership in 2005.

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### New NOGS Members May 2005

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Drill-Co Inc  
P O Box 1221  
Metairie, LA 70004

**Brian J. Lister**  
Student-UNO  
4220 Eporia - Unit A  
Metairie, LA 70001  
504-887-0303

☞ **Methane doesn't necessarily mean life on Mars, says Dartmouth study:** Mukul Sharma, Assistant Professor of Earth Sciences and post-doctoral fellow Christopher Oze, of Dartmouth, do not see a definitive connection with the presence of methane on Mars and life on Mars. Based on their research, they conclude the Martian methane could just as likely be the result of inorganic processes as the result of bacterial processes.

In their paper, published in the May issue of *Geophysical Research Letters*, they show how olivine, in contact with water and dissolved carbon dioxide, produces hydrogen, which combines with carbon dioxide to produce methane. They also provide an explanation for liquid water earlier in the history of Mars. They estimate that much abiotic methane was produced, facilitated by a higher surface heat flow and intense hydrothermal circulation. Methane, being an effective greenhouse gas would have resulted in a climate warm enough to support liquid water.

Excerpted from the May issue of *Geophysical Research Letters*

☞ **A Mars rover's great escape:** The Mars rover Opportunity has been freed after being stuck in a sand dune for five weeks. The rover was on what mission specialists call a blind run when it became stuck in a soft sand dune. Blind runs are used when no hazardous terrain is anticipated and allow the rovers to cover a lot of ground fast. The dune in question appeared benign. However, there was something different about this dune that stopped the rover. From now on, Opportunity will be on a cautious driving strategy on its way to Erebus Crater, 1,312 feet away, via the Erebus Highway, 395 feet away, a strip of bright material of unknown composition that may offer safer driving conditions.

On the other side of Mars, the Spirit rover is busily working at Gusev Crater. Most recently at "Columbia Hills", Spirit has been used to attempt to understand the mineralogy of certain layered outcrops of possible volcanic origin; Spirit is also involved in taking strike and dip measurements of tilted layers; however, scientists contend it is difficult making correlations between outcrops. The Spirit and Opportunity rovers have been actively surveying the Martian landscape and collecting data since January of 2004, and have long exceeded their primary three month missions.

Excerpted from *Space.com* June 8, 2005 article by Leonard David

☞ **Louisiana Projects Helping to Stimulate Oil Production:** Two projects in Louisiana being partially funded by the Department of Energy, Office of Fossil Energy relate to stimulating oil recovery.

Process for Improved Light Oil Recovery - Louisiana State University, Baton Rouge, LA The purpose of this \$865,000 project (DOE share: \$622,000) is to develop a new gas-injection, enhanced oil recovery process to efficiently recover remaining oil by overcoming the limitations of the water-alternating-gas (WAG) process currently applied in watered-out reservoirs. The new process is termed the "Gas-Assisted Gravity Drainage (GAGD) process."

Artificial Lift System - Gas Production Specialist, LLC, Lafayette, LA will develop an economical through tubing (microhole) artificial lift system that will allow well operators in the Gulf of Mexico to re-activate wells that can no longer flow naturally due to fluids in the wellbore. DOE is contributing \$80,000 to offset the total project cost of \$210,500.

For information on other projects funded by the DOE, visit: <http://fossil.energy.gov/programs/projectdatabase/stateprofiles/2004/Louisiana.html>

☞ **2004 Energy Facts Annual available from the Louisiana Department of Natural Resources (DNR):** The latest energy statistics for 2004 are included in this report. News briefs on topics of interest to the industry and government agencies summarize oil and gas production data, tax revenue information, and historical rig count statistics are also available in the annual prepared by the department's Technology Assessment Division.

A series of articles written by the division's economist, entitled America's WETLANDS: Energy Corridor to the Nation, has also been reprinted and included in the facts annual. These articles point out the significant role Louisiana plays in supplying energy to the rest of the country through its intricate pipeline system and infrastructure. According to the report, Louisiana provides 34 percent of the nation's natural gas supply and over 30 percent of the nation's crude oil supply.

Copies of the Louisiana Energy Facts Annual are available from DNR at no charge. For copies, contact the Technology Assessment office at (225) 342-1270. For an online look at this publication visit [www.dnr.louisiana.gov/sec/execdiv/techasmt/data/annual\\_reports/LEF\\_2004.pdf](http://www.dnr.louisiana.gov/sec/execdiv/techasmt/data/annual_reports/LEF_2004.pdf)

**Robert Rooney**

## Update on AAPG EMD Activities

Peter Warwick, EMD President-elect, pwarwick@usgs.gov

The Energy Minerals Division of the AAPG (EMD, AAPG) continues to be very active, promoting research and communication among scientists in remote sensing and earth materials capable of being used for energy production. The EMD is the primary sponsor for sessions at regional, national, and international AAPG meetings. The EMD website, <http://emd.aapg.org>, has recently been updated to include technical reports on various energy mineral commodities and geospatial information. A Members-Only section has been added to the website to provide EMD membership with the latest committee and officer reports, as well as a searchable membership directory. Links to the Energy Minerals Grant (up to \$2000 USD) for students are provided on the EMD website. The application deadline for the Energy Minerals yearly student grant is January 31. Please see the following web page for student grant application instructions: <http://foundation.aapg.org/gia/howto.cfm>.

Membership in earth-science professional organizations has recently been in decline. The EMD especially needs your help to continue to promote research in the areas of geospatial and the energy minerals. In order to continue to have a seat on the AAPG Advisory Council, EMD needs to maintain and increase its membership. There is much overlap in the goals of EMD and those of many other geological societies, so EMD invites related society members (if they are not already) to become a member of AAPG and EMD. EMD and AAPG membership application material is available on the following website: [http://emd.aapg.org/membership\\_form.cfm](http://emd.aapg.org/membership_form.cfm).

## U.S. Department of the Interior Minerals Management Service Office of Public Affairs



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### NEWS RELEASE

For Release May 25, 2005

Release No. 3277

Contact: Dr. Joe Trahan  
504-736-2595  
Carol Fagot  
504-736-2590

### Eastern Gulf of Mexico Sale 197 Nets \$6,595,753 in High Bids

New Orleans - The Minerals Management Service has awarded 10 leases and received \$6,595,753.40, to be distributed to the general fund of the U.S. Treasury, shared with the affected States, and set aside for special uses that benefit all fifty states.

The lease sale, held on March 16, 2005, attracted nine companies submitting bids on 12 of the 124 tracts offered. Bids totaling \$6,974,531 on the 12 tracts were accepted by MMS. However, one company declined its two awarded leases - De Soto Canyon Block 448 and De Soto Canyon Block 492. This action resulted in the forfeiture of the 1/5th bonus bid deposit for each lease - \$49,651.20 and \$45,043.20, respectively. As a result, MMS netted a total amount of \$6,595,753.40 for Lease Sale 197.

Each of the tracts received a single bid, and each is located more than 100 miles offshore Alabama in water depths greater than 1,600 meters.

The highest bid accepted on a tract was \$2,037,379 by Helis Oil & Gas Company, L.L.C., Red Willow Offshore, LLC, and Houston Energy, L.P. for Lloyd Ridge Block 272. The second highest bidders, Spinnaker Exploration Company, L.L.C., and Dominion Exploration & Production, Inc., submitted \$1,566,000 on De Soto Canyon Block 797. Petrobras America Inc., the third highest bidder, submitted \$552,384 on Lloyd Ridge Block 92.

MMS, part of the U.S. Department of the Interior, oversees 1.76 billion acres of the Outer Continental Shelf, managing offshore energy and minerals while protecting the human, marine, and coastal environments through advanced science and technology research. The OCS provides 30 percent of oil and 23 percent of natural gas produced domestically, and sand used for coastal restoration. MMS collects, accounts for, and disburses mineral revenues from Federal and American Indian lands, with Fiscal Year 2004 disbursements of approximately \$8 billion and more than \$143 billion since 1982. The Land and Water Conservation Fund, which pays for cooperative conservation, grants to states, and Federal land acquisition, gets nearly \$1 billion a year.



## New Orleans Geological Auxiliary News

The month of May saw our Auxiliary members busy with many activities. On May 4, the NOGA Past Presidents met at Commander's Palace for our annual luncheon. It was, as always, a delightful luncheon enjoyed by all. Many thanks to our Past President, Pam Heffner, for all of the plans for this special day.

The next Wednesday, May 11, was the *Installation Luncheon* at Ralph's on the Park for our new Officers and Board. Chairman Peggy Rogers, assisted by Trez Zotkiewicz, planned a beautiful luncheon in a private dining room overlooking City Park. It was a lovely day attended by many members and guests. Our guest speaker, Nancy Bounds, of NB Interiors, gave a wonderful presentation showing designs that she incorporated in Trez's home. It gave all of us great ideas on how to redo our own homes. Ladies, thank you for a wonderful celebration to conclude our 50th Anniversary year!

The new officers installed for 2005-2006 will be: President - Beverly Kastler; 1st Vice-President - Linda Peirce; 2nd Vice-President - Susie Baker; Treasurer - Peggy Rogers; Secretary - Judy Lemarié; Parliamentarian - Carol Andrews; and Member-at-Large - Pam Heffner. Directors for 2005-2007 are Peggy Campbell, Ann Gilbert, and Dolores Murphy. June Perret, Judy Sabaté, and Mary Walther will continue as Directors for 2005-2006.

The Outstanding Service Award was presented at the luncheon to one of our very deserving members, Dolores Murphy. Dolores has held several positions in NOGA and has chaired and co-chaired many of our luncheons. We truly appreciate all of her service to the Auxiliary.

We also reinstated another important award this year, the NOGA Lifetime Member Award, which was last given in 1972-73. It was most fitting to award it during this, our 50th anniversary, by unanimous vote of the board, to Carol Andrews. It would take an entire page for me to list all of the offices, activities, and events that Carol has held or worked on for these past almost 50 years. Needless to say, she has been a most valuable member of NOGA and is more than deserving of this honor. We were delighted to surprise Carol with this recognition for her years of service. Carol, thank you for your continuing devotion and support of NOGA.

May 18 was the annual *Thank You Luncheon* given by the President and two Vice-Presidents in appreciation for all of the efforts of the Board and committee members during this past year. Twenty-one ladies attended the lunch at Beverly Kastler's home and enjoyed the delicious food prepared by Pat Williamson, Ann Gilbert and Beverly. We appreciate all the work that our Board and committee members did in making our 50th anniversary year extra special!

Beverly Kastler  
NOGA President

### NOGA Application Form

Dues: \$15.00

Name \_\_\_\_\_

Home Address \_\_\_\_\_

Home phone \_\_\_\_\_

Husband's Name \_\_\_\_\_

Husband's Company \_\_\_\_\_

Mail application to: Peggy Rogers  
2580 Valentine Ct  
New Orleans LA 70131



Carol Andrews, Parliamentarian; Brenda Reilly, Outgoing NOGS President; Beverly Kastler, President; Judy Lemarie, Secretary; and Linda Peirce, 1<sup>st</sup> Vice President

# THE NEW ORLEANS GEOLOGICAL SOCIETY MEMORIAL FOUNDATION, INC.

May 1, 2004 through June 7, 2005

The Memorial Foundation is an IRS Tax Exempt Code #501 (c)(3) organization. The Federal I.D. is: 72-1220999. Please consider making your donation prior to the close of this year's fiscal cycle which is September 30, 2005. Your individual support in any amount will help meet the IRS Guidelines for our Foundation. *Thanks!*

## \$10,000 AND ABOVE

**Gibbett Hill Foundation**  
*In Memory of Steve & Marion Millendorf,  
William J. Prutzman, Roger G. Vincent & Ron Youngblood*

## \$500 TO \$1,000

**Paleo-Data, Inc.**  
*In Memory of T. Wayne Campbell*

## UP TO \$500

**Donald I. Andrews**  
*In Memory of Winston C. Baber  
In Memory of Wayne H. Grimes  
In Memory of Thomas H. "Tom" Philpott*

**Mr. & Mrs. Donald I. Andrews**  
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**Susie and Al Baker**  
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In honor of Jack & Jean Stewart on their  
50th Wedding Anniversary*

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**C. Dan Bump**  
*In Memory of T. Wayne Campbell*

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In Memory of Thomas H. "Tom" Philpott  
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The FONO Fund accepts contributions that are invested and the income dedicated to assure sufficient financial resources will always be available to maintain the NOGS business office. To date no funds from this account have been used. Contributors are reminded that donations to the FONO Fund are not covered by the IRS 501 (c)(3) tax exempt classification and should be reported as a business expense on your IRS tax report.

## \$3,000 AND ABOVE

**GCSSEPM Foundation**

## \$250 TO \$500

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CONTRIBUTIONS FROM MAY 1, 2004  
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**James W. Yeldell, Jr.**

**Jim Zotkiewicz**

--continued on page 30--

## For July and August Events: *See Cover*

# 2 0 0 5

### September 10-13 Mid-Continent Section AAPG 2005 Annual

**Meeting:** Target the Hidden Potential in the Wild West, Oklahoma City, Oklahoma. Hosted By the Oklahoma Geological Society. Web: <http://www.ocgs.org/>

### September 11-14 AAPG International Conference and

**Exhibition**, CNIT La Defense, Paris, France, hosted by the American Association of Petroleum Geologists. Information: AAPG Convention Department, PO Box 979; Tulsa, OK 74101; USA, Phone: 1-918-560-2617 FAX: 1-918-560-2684 Email: [convene2@aapg.org](mailto:convene2@aapg.org), Web: <http://www.aapg.org/paris/>

### September 11-14 22nd Annual Meeting The Society for

**Organic Petrology (TSOP)**, Brown Hotel, Louisville, Kentucky, USA, hosted by the The Society for Organic Petrology (TSOP). Information: Jim Hower, Center for Applied Energy Research, 2540 Research Park Dr., Lexington, KY 40511-8410 USA, Phone: 859-257-0261 FAX: 859-257-0360 Email: [hower@caer.uky.edu](mailto:hower@caer.uky.edu), Web: <http://igs.indiana.edu/tsop2005>

### September 18-20 Eastern Section, AAPG 2005 Annual

**Meeting**, Radisson Hotel at Waterfront Place, Morgantown, WV, USA, by the Eastern Section, AAPG. Information: Katharine Lee Avary, WV Geological Survey, Phone: 304/594-2331 FAX: 304/594-2575 Email: [avary@geosrv.wvnet.edu](mailto:avary@geosrv.wvnet.edu), Web: <http://karl.nrce.wvu.edu/esaapg/>

**September 19-24 AEG-2005**, Flamingo Las Vegas Hotel, Las Vegas, Nevada, hosted by the Association of Engineering Geologists Annual Conference. Information: Jim Werle, Co-Chair ([jwerle@converseconsultants.com](mailto:jwerle@converseconsultants.com)), Barbara Luke, Co-Chair ([bluke@ce.unlv.edu](mailto:bluke@ce.unlv.edu)), Web: <http://www.aegweb.org>

### September 24-26 Rock Mountain Section AAPG 2005

**Annual Meeting:** Rocky Mountain Rendezvous--Rising to the Challenge, Jackson, Wyoming. Hosted by : Wyoming Geological Association. Web: <http://www.aapg.org/meetings/rms05/index.cfm>

### September 25-28 Geothermal Resources Council 2005

**Annual Meeting**, Reno, NV, hosted by the U.S. Department of Energy, California Energy Commission, Private Contributions. (Ted J. Clutter, GRC, P.O. Box 1350, Davis, CA 95617, Phone: 5307582360

### September 25-29 18th World Petroleum Congress 2005,

Johannesburg, South Africa, Sandton Convention Centre - South Africa, sponsored by: PetroSA, Co-sponsors: NOC, NNPC, Sonangol, Sonatrach + others. Information: Frederic Malgoire, 105 Salusbury Road, Phone: +44 20 7596 5080 FAX: +44 20 7596 5106 Email: [info@18wpc.com](mailto:info@18wpc.com), Web: [www.18wpc.com](http://www.18wpc.com)

**October 6-8 AAPG/SEG Student Expo**, Westin Galleria, Houston, TX, USA, hosted by AAPG & SEG. (Michael Deal, Email: [michael.m.deal@exxonmobil.com](mailto:michael.m.deal@exxonmobil.com) Web: <http://www.studentexpo.info>)

**October 9-12 2005 SPE Annual Technical Conference and Exhibition**, Dallas, TX, USA, hosted by the Society of Petroleum Engineers. Information: Debbie Weaver, P.O. Box 833836, Richardson, TX 75083-3836, FAX: 972-952-9435 Email: [dweaver@spe.org](mailto:dweaver@spe.org), Web: <http://www.spe.org>

**October 12-15 NABGG 25th Annual Technology Conference - "Geosciences - Bridging The Gap"** Raleigh, North Carolina, Crabtree Marriott Hotel, Raleigh, North Carolina, USA, by the NABGG. Information: Roxanne Lamb, 1730 E. Parham Road Richmond, VA 23228, Phone: 804-261-2653 FAX: 804-261-2659 E-mail: [rhlamb@usgs.gov](mailto:rhlamb@usgs.gov) Web: <http://www.nabgg.org>

**October 16-19 2005 GSA Annual Meeting & Exhibition**, Salt Lake City, Utah. Web: <http://www.geosociety.org/meetings/2005/>

**October 19-20 Compressional Deformation within Passive Margins**, Burlington House, London, hosted by The Geological Society of London. Information: Lydia Dumont, The Geological Society, Burlington House, Piccadilly, London, W1J OBG, Phone: +44 (0)20 7434 9944 FAX: +44 (0)20 7494 0579 Email: [lydia.dumont@geolsoc.org.uk](mailto:lydia.dumont@geolsoc.org.uk), Web: [http://www.geolsoc.org.uk/template.cfm?name=Passive\\_Margins](http://www.geolsoc.org.uk/template.cfm?name=Passive_Margins)



**October 31-November 4 National Cave And Karst Management Symposium**, Clarion Hotel of Albany, Albany, NY, USA, hosted by the Northeastern Cave Conservancy. Information: Michael Warner, P.O. Box 10, Schoharie, NY 12157, Phone: 518 295 7978 FAX: 518 295 7981 Email: [Mike@speleobooks.com](mailto:Mike@speleobooks.com), Web: <http://www.nckms.org/2005>

**November 6-11 SEG International Exposition and 75th Annual Meeting**, George R. Brown Convention Center, Houston, Texas, USA, hosted by the Society of Exploration Geophysicists. Information: Steve Emery, 8801 S. Yale Ave, Tulsa, OK 74137, Phone: 918-497-5539 FAX: 918-497-5552 Email: [semery@seg.org](mailto:semery@seg.org), Web: <http://www.seg.org>

**November 30-December 1 Petroleum Geoscience Collaboration Conference**, Burlington House, London, hosted by The Geological Society of London. Information: Lydia Dumont, The Geological Society of London, Burlington House, Piccadilly, London, W1J OBG, Phone: +44 (0)20 7434 9944 FAX: +44 (0)20 7494 0579 Email: [lydia.dumont@geolsoc.org.uk](mailto:lydia.dumont@geolsoc.org.uk), Web: <http://www.geolsoc.org.uk/template.cfm?name=PG4389754378>

**December 4-7 Petroleum Systems of Divergent Continental Margin Basins, 25th Annual Bob F. Perkins Research Conference**, Houston Marriott Westchase, Houston, Texas, USA, by the GCSSEPM. Information: Norman C. Rosen, 2719 South Southern Oaks Drive, Houston, TX 77068-2610, Phone/FAX: 281 586-0833 E-mail: [GCSSEPM@gcssepm.org](mailto:GCSSEPM@gcssepm.org) Web: <http://www.gcssepm.org>



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Luncheon "Roundup" Donations



NOGS VP Nathan Kuhle (left) and June Luncheon guest speaker Thomas C. Pierson of the U. S. Geological Survey, Cascades Volcano Observatory, Vancouver, Washington