

NOGS LOG



November 2009

Volume 50, Number 5

Upcoming Events and Activities

November 2 - NOGS Luncheon

*** At the Holiday Inn Downtown Superdome ***

\$2.00 validated parking in hotel garage

Guest Speaker Jeffrey A. Spencer, Blackpool Energy, will present "From Brine Wells to Giant Oil Fields: The United States Petroleum Industry of the Nineteenth Century."

(See page 7 for Abstract and Biography)

HOLIDAY INN DOWNTOWN SUPERDOME ADMISSION:

Check with concierge or
front desk for location

Lunch served at 11:30am

with reservation \$30.00

without reservation \$35.00

Student Member with reservation Free

November 10 - SGS Technical Symposium and API Joint Industry Luncheon

"Exploration Offshore USA OCS: Opening the Next Frontier?" In New Orleans.

See announcement on page 26.

December 4 - NOGA-NOGS Christmas Holiday Party

At Metairie Country Club. More details in future *LOG* issues.

December 6-8 - 29th Annual GCSSEPM Foundation Bob F. Perkins Research Conference

"Unconventional Resources: Making the Unconventional Conventional."

In Houston. See announcement on page 8.

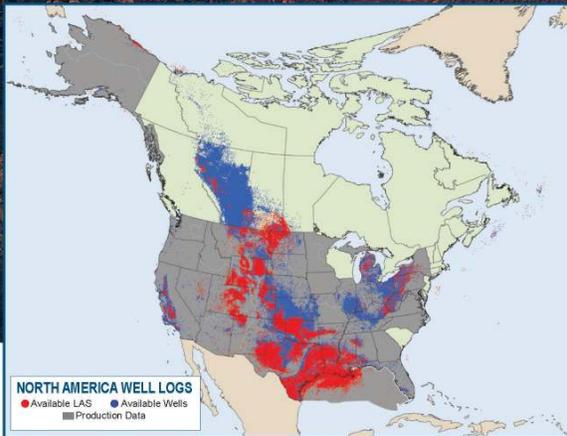
December 7 - NOGS Luncheon

Guest Speakers Dr. M. Roy Gani & Dr. Nahid DS Gani, Department of Environmental Sciences at University of New Orleans, will present:

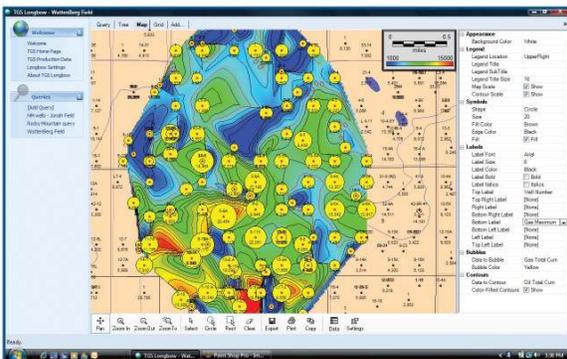
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 Sent to press on October 12, 2009.



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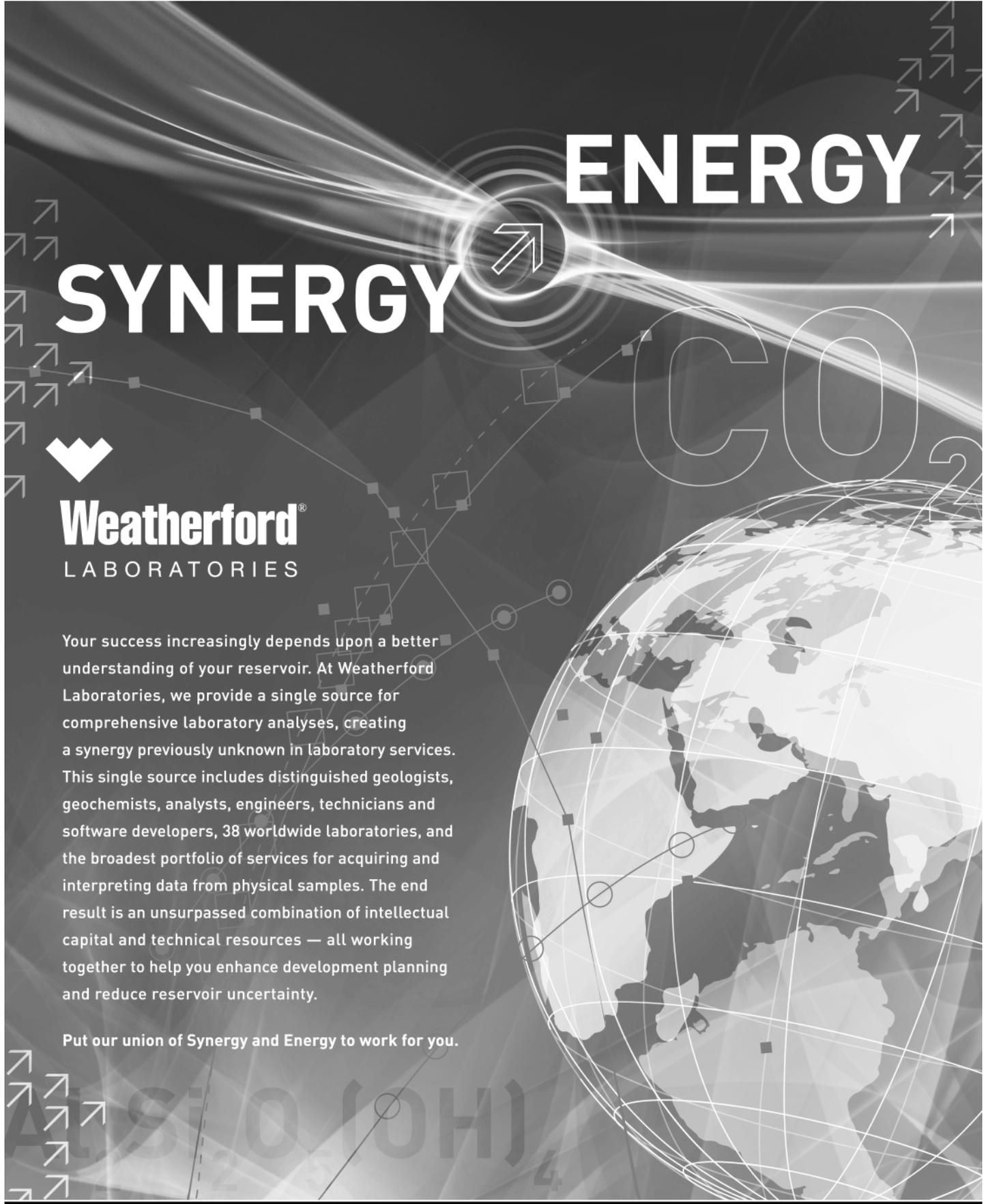
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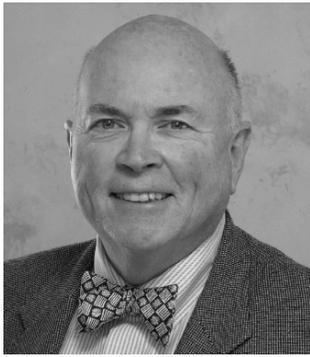
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from the President

The 13th Deepwater Technical Symposium was a huge success. Helping the Symposium were student volunteers, Mary Ellison (UNO) and Scott Wessels (UNO). In addition Scott had a poster exhibit in the hallway. Registration---a huge job---was managed by Annette Hudson, Carol St. Germain, Bill Whiting and UNO's Mary Ellison. Fran Wiseman (MMS) proved immensely helpful with the photography, faithfully recording all the names in the group photos. Josh Etkind (SPE, Shell) was the other photographer.

The GCAGS 2009 Convention, hosted by the Shreveport Geological Society had a registration of over 1000. Sunday, before the regular sessions was dedicated to the Haynesville Shale, with over 400 crowding the auditorium. Convention Chairman Ralph Richardson and his staff deserve a note of gratitude for their excellent technical program, luncheons, trips and short courses. Arthur Johnson received the Distinguished Service Award and Tulane's Dr. Steve Nelson received the Outstanding Educator Award. San Antonio hosts in 2010 and 2012 will probably be held in Vera Cruz, Mexico. NOGS will host the GCAGS in 2013.

JoAnn Burke of the Lake Pontchartrain Basin Foundation sent the results from the September 19th Beach Sweep. The 2,053 volunteers covered 116 miles of coastline and drainageways. 960 bags of trash were filled which, at 17 pounds per bag, totaled over eight tons of trash littering our coast and clogging our bayous and drainages. I can personally attest to the bayou debris as my wife and I snag cans, plastic bottles and fast food wrappers from the bayou behind our home. It isn't all trash---we are frequently rewarded with golf balls, which, along with litter, accumulate as a lag deposit following heavy rains. The golf balls seem to originate on Beau Chene's Magnolia Course #12, a par three with the steep-sided, snake-infested bayou just beneath the tee box.

This November 10th you can attend the Southeastern Geophysical Society's technical symposium and follow up to hear University of Houston's Dr. Michael Economides at the API Joint Luncheon. I heard Dr. Economides several years ago and I can guarantee a talk, which will be informative as well as entertaining. The SGS Symposium focuses on the areas of the United States OCS that may be open to exploration in the near future. New data is being shot over areas never before available for leasing. Offshore Virginia has been opened for potential leasing---what are the next steps? Will the lifting of other OCS areas result in drilling, and when? What is the potential for hydrocarbon accumulations? What will the new President and Congress do? Look for more information in this issue.

Think there isn't a Good Ole Girls' network in the oil patch? Think again. This past week I had the pleasure of meeting Dana Douglas, a young attorney with Liskow & Lewis in New Orleans, who joined us at the API Leadership Luncheon. Dana announced the new chapter of the Women's Energy Network here in Southeast Louisiana. Founded in 1994, the Women's Energy Network (WEN) is a non-profit group that brings together professional women of achievement in the energy industry and fosters their advancement by creating a network of energy contacts. WEN members practice in various areas including management, development, technology, law, operations, accounting, finance, and marketing. WEN members share matters of importance to the energy industry at monthly lunch programs and special events, and welcome those with the common interest of promoting women in the energy industry. The group held a membership drive at Irvin Mayfield's Jazz Playhouse on Thursday, October 8, 2009 at 6pm, located in the Royal Sonesta Hotel in New Orleans. You may RSVP for the luncheon at www.wenhouston.org or contact Dana at dmdouglas@Liskow.com.

Jennifer Connolly, Art Johnson and I attended the September 17th Core Element Symposium at UNO's Lindy Boggs Center. Personally, this was a real eye opener. Fifty years ago Sputnik and the Luna landings shocked the U.S. into the space race along with a new impetus on science, technology and engineering. We Americans would become tops in these fields. Sadly, students in the U.S. now finish 19th in math and 14th in science in a ranking of 31 countries! Of the 30 fast-track engineering, medical and technology occupations, 16 will require substantial math and science preparation. The situation is particularly acute in our local petroleum industry as tech-savvy aging Baby Boomers are retiring and there is a gap in filling those jobs. While the situation appears gloomy there is hope and some progress towards reversing this trend. In 2007 Shell Oil and Orleans Parish Public Schools partnered to launch "Core Element" to enhance the teaching of science, technology, engineering and math (STEM). Teachers are asking help from local business and industry to guide and finance the initiative. Shell has been the primary funder, backed by partnership with the Smithsonian Institute. Core Element improves the teaching of STEM subjects through (a) teacher training, (b) equipment and materials, and (c) teacher mentoring in the classroom. Locally, about 16,000 students have been impacted by in the past two years. For more information on how you can help go to www.gnostem.org.

Tom

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November 2 NOGS Luncheon Presentation

*** at the Holiday Inn Downtown Superdome ***

From Brine Wells to Giant Oil Fields: The United States Petroleum Industry of the Nineteenth Century

presented by

Jeff A. Spencer

Black Pool Energy and the Petroleum History Institute*

ABSTRACT

August 27, 2009 marked the 150th anniversary of the Drake well in Titusville, Pennsylvania, the "first successful commercial oil well in the United States". Although "who was first" claims exist from several states, the importance of the Drake well is the rapid development and financial investment that occurred in the petroleum industry soon after this discovery. The Drake well also led to other "firsts." Approximately eight miles from the Drake well, the first great flowing well in the United States was completed in September, 1861. The Empire well on the Funk Farm initially flowed 3,000 barrels of oil per day. The first giant oil field in the United States was discovered in 1871 at Bradford (EUR 700 MMBO), straddling the Pennsylvania-New York state line.

For many years oil had been collected from seeps, hand-dug pits, and brine wells. Over fifty years before the drilling of the famous 1859 Drake well, the Ruffner brothers operated a salt works near an eastern tributary of the Ohio River in what is now West Virginia. Some of the byproduct oil was collected, though most of the oil was diverted into the Kanawha River giving the river its nickname, "Old Greasy." Eight years later, oil was discovered, produced, and marketed from wells dug in

southeastern Ohio. In 1814, Silas Thorla and Robert McKee operated a salt works in what is now Ohio's Noble County. They drilled for salt brine using the spring-pole drilling method and a hollow sycamore log as surface casing. The associated oil was initially considered a nuisance, but was later collected, bottled, and sold as a medicine for rheumatism, sprains, and bruises. In 1860, one of the first oil fields in Ohio was discovered approximately ten miles southeast of the Thorla-McKee well. The discovery of the Macksburg oil field helped ignite an oil boom in southeastern Ohio. Hundreds of wooden derricks sprang up and refineries were built along the Ohio River.

Oil was discovered in northwestern Ohio near the city of Lima in 1885, a year after natural gas was discovered near the town of Findlay. The discovery of the giant Lima-Indiana oil field (EUR 500 MMBO) set off the "oil boom of northwest Ohio", a period of land speculation and rapid oil field development that lasted over 20 years. As the field was extended to the south, the nation's first "over water" wells were drilled in Grand Lake St. Marys, then the largest man-made lake in the world. John D.

--- continued on page 30 ---

BIOGRAPHY

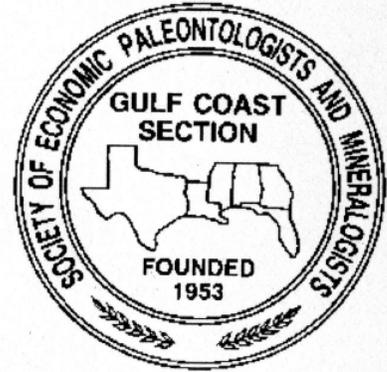
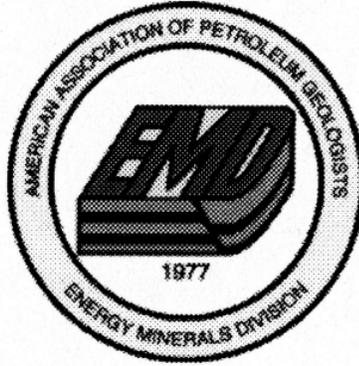
Jeff Spencer is a geologist/partner with Black Pool Energy, LP in Houston, Texas. He received a BS in Geology from the University of Cincinnati and a MS in Earth Sciences from the University of New Orleans. Prior to joining Black Pool, he was employed by Samson (2005), Osprey Petroleum (2000-2005), Unocal (1998-2000), and Amoco (1981-1998). Jeff has spent most of his career exploring the Gulf Coast onshore and Gulf of Mexico shelf. He has authored or co-authored several papers on

oil field history, with emphasis on the pictorial history of early oil fields and famous oil and gas wells. He is co-author of the book, *Ohio Oil and Gas* and a collector of oil field-related postcards and postal covers. Jeff is an AAPG certified petroleum geologist and a member of HGS, SIPES, NOGS, and OGS (Ohio Geological Society). He currently serves as first vice-president of the Petroleum History Institute.

THE LUNCHEON RESERVATION DEADLINE IS OCTOBER 28 - CONTACT THE NOGS OFFICE

“And Looking Ahead...”

The next NOGS Luncheon will be December 7. Guest Speakers Dr. M. Roy Gani & Dr. Nahid DS Gani, Department of Environmental Sciences at University of New Orleans, will present: "Blue Nile Incision, Ethiopian Plateau Uplift, and Human Evolution." Contact the NOGS office to make your reservation.



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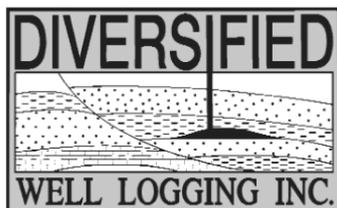
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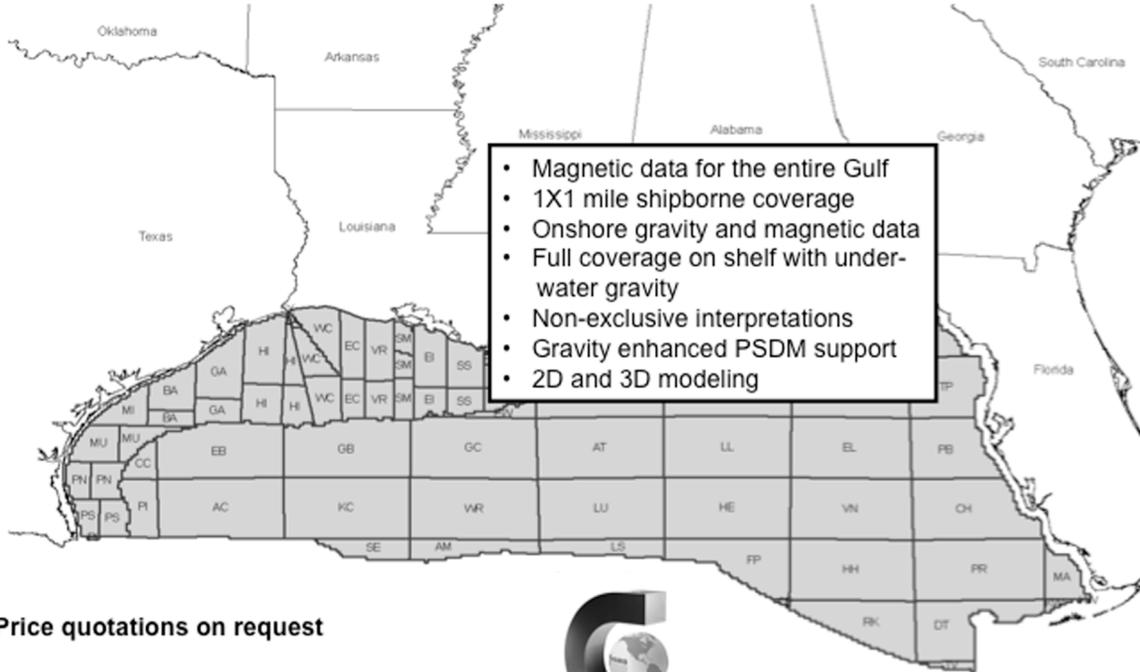
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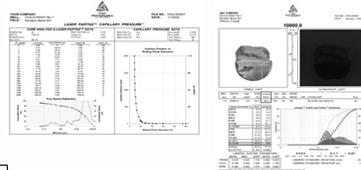


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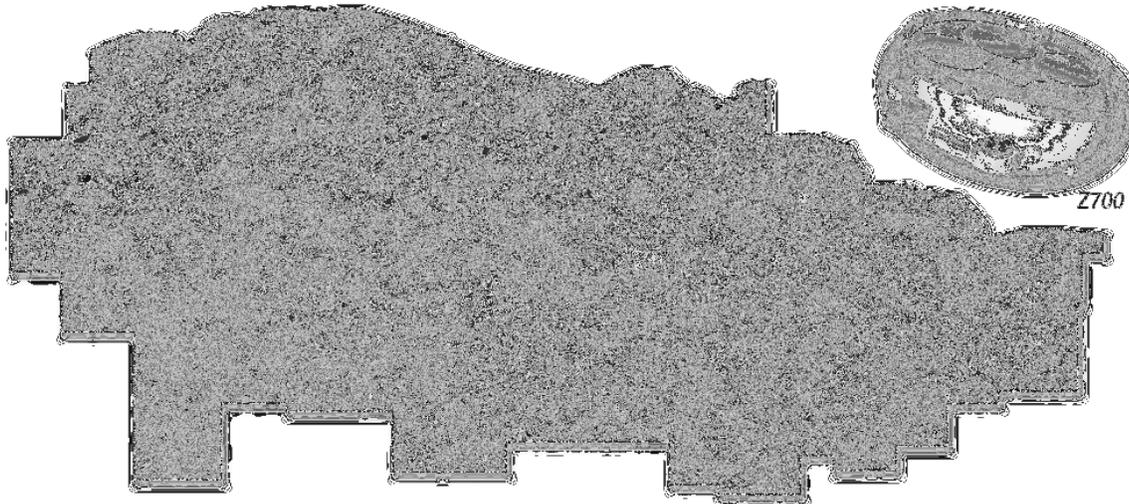
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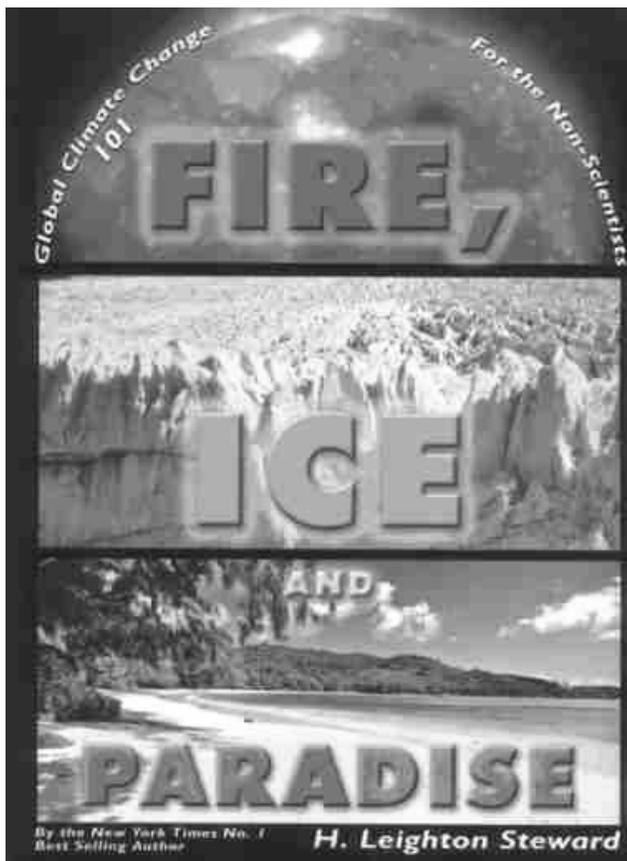
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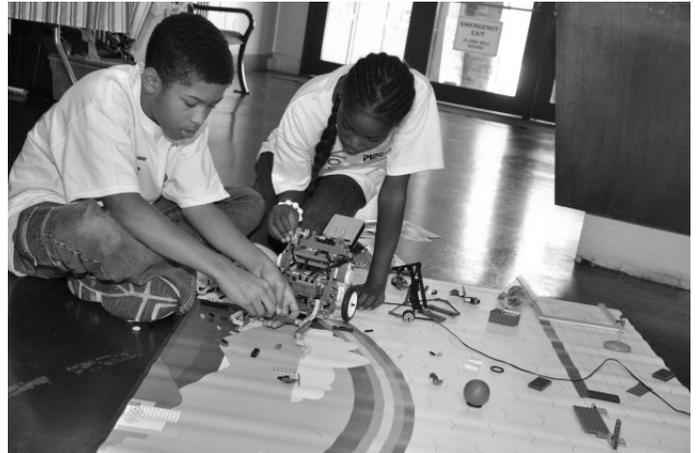
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New Orleans Geological Auxiliary News

On behalf of the New Orleans Geological Auxiliary, I would like to welcome our three new members: Mrs. Bruce (Linda) Robertson, Mrs. Clarkson (Shirley) Mosely and Mrs. Keith (Jan) Gourgues. We are looking forward to getting to know each of you.

I recently read a quote, "May friendships, like wine, improve as time advances and may we always have old wine, old friends and young cares." For those who attended the NOGS Kick-Off Party at Amber and Tom Klekamp's home in Mandeville on Friday, October 2nd, that statement held true. Their beautiful home and lovely landscaped pool area provided a wonderful backdrop for a night of great conversations, delicious cuisine, and just an all around great party. Thanks to Amber and Tom for offering their home so that old friends, with young hearts and cares could share some wine and a great time together. Also, thanks to our geologist/sommelier Al Baker for tending bar.

Happy Belated Birthday to Jean Jones! Thanks for all you do for NOGA, especially this year, as you have co-chaired/hosted our first 2 events! Beverly Kastler gets the award as our "party animal" of the month. Beverly has been blessed by helping her Dad celebrate his 80th birthday. However, the fun does not stop there.... Beverly and Everett will also be spending time in Disneyworld with their family. It seems like yesterday since we were taking our little ones to Disneyworld, and now we are taking our little ones "little ones".

I also would like to wish everyone a safe and Happy Thanksgiving as the holiday season is "right around the corner".

I hope that everyone will plan to attend our November Luncheon at Salvatore's Ristorante. This will certainly not be one to miss. We have had many great guest speakers in the past, but this is positively one of the most interesting people we have ever scheduled to speak. John Dunlap, Alma and Jack Dunlap's son, will be sharing his historical knowledge on World War II with us. Please bring your spouses because they will enjoy it, as well.

In addition, for those who are unaware, NOGS will host a party at the National World War II Museum on Tuesday evening, April 13th during the 2010 AAPG Annual Convention and Exhibition. Until then, see you at Salvatore's!

Susie Baker

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Abstracts (not more than 250 words) should be submitted for review online or via email 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 1, 2010 as instructed on the website www.gcags2010.com

Notification of acceptance by March 1, 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**, for inclusion in the *Transactions*. Full instructions for authors will be posted at www.gcags2010.com.

ABSTRACT DEADLINE: FEBRUARY 1, 2010!

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

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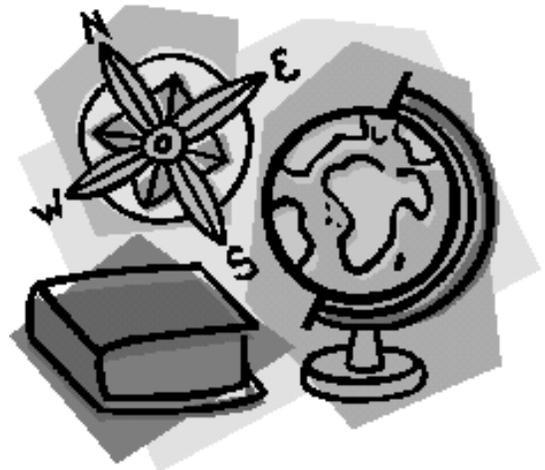


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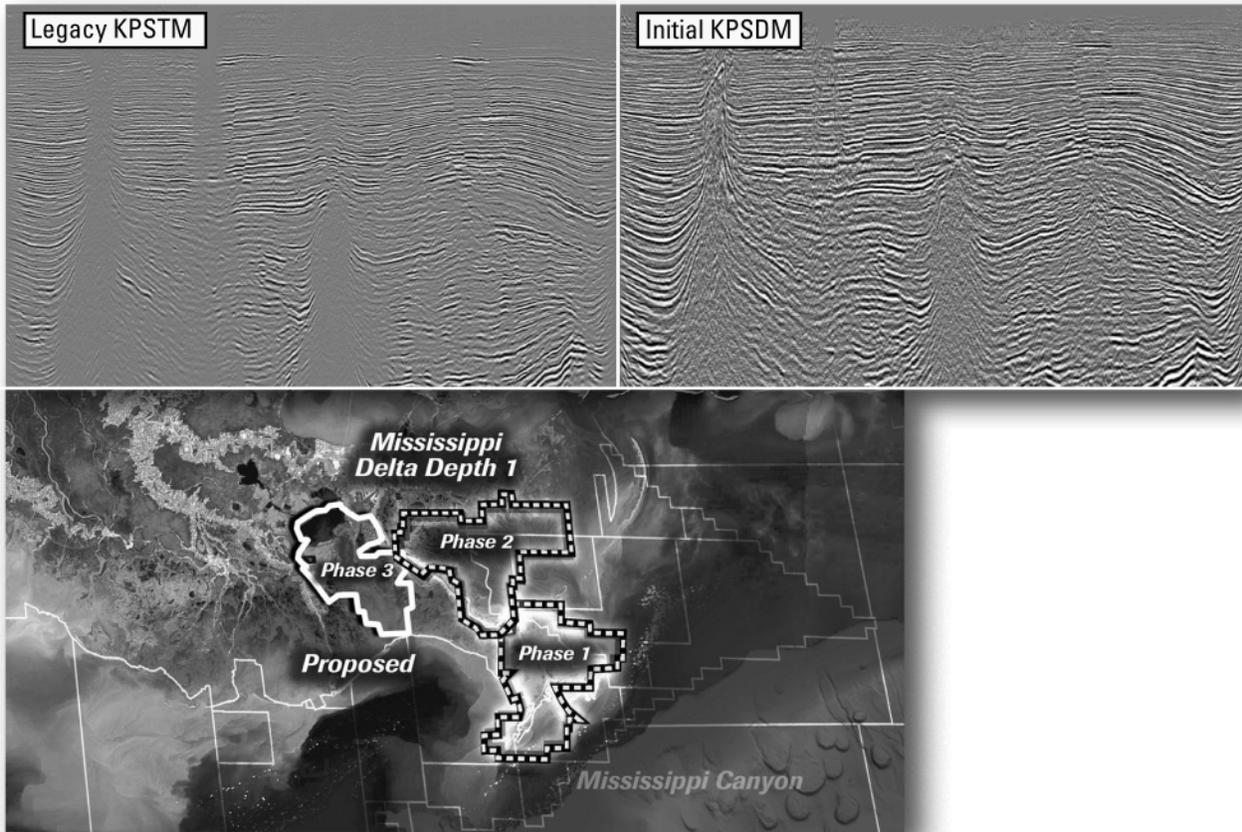
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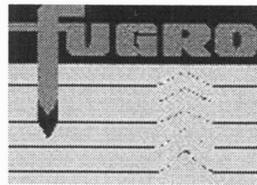
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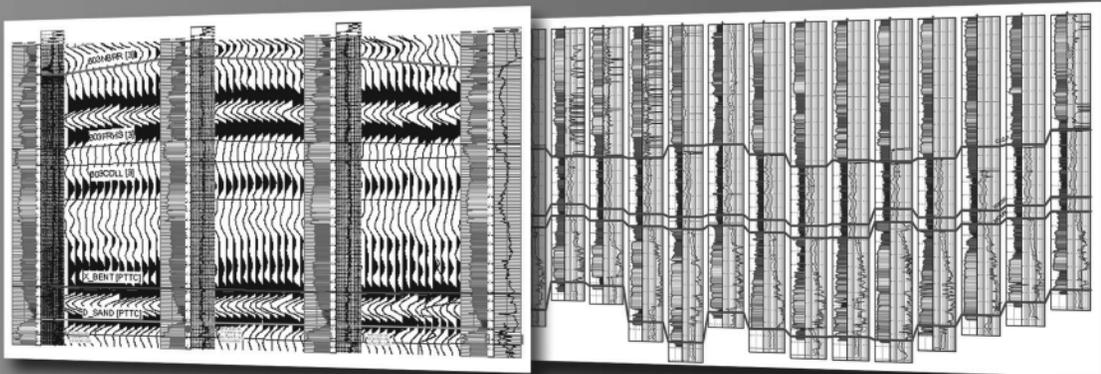
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November 2 Luncheon Abstract

(continued from page 7)

Rockefeller's Standard Oil of Cleveland, soon to monopolize the oil refining industry, built storage tanks, pipelines, and a refinery near Lima. The Lima-Indiana field propelled Ohio into the leading oil-producing state from 1895-1903.

As production from these early fields declined, oilmen spread out throughout the United States searching for oil. The great 1901 oil gushers of Spindletop, Texas and Jennings, Louisiana ushered in the United States petroleum industry of the twentieth century.

*The mission of the PETROLEUM HISTORY INSTITUTE is to pursue the history, heritage and development of the modern oil industry from its 1859 inception in Oil Creek Valley, Pennsylvania, to its early roots in other regions in North America and the subsequent spread throughout the world to its current global status (www.petroleumhistory.org).

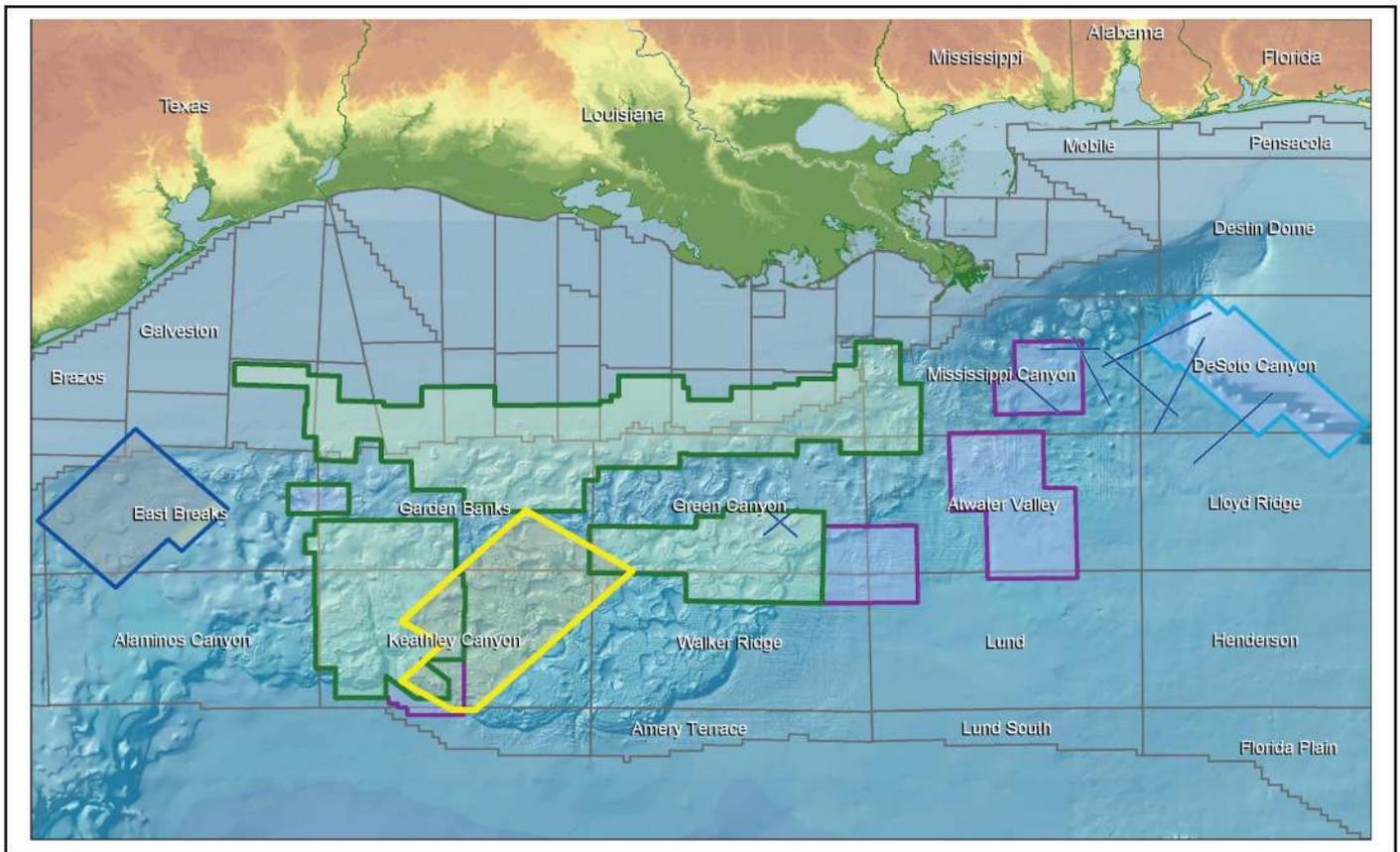
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