

NOGS LOG



June 2010

Volume 50, Number 12

Upcoming Events and Activities

June 14 - NOGS Luncheon

*** At the Holiday Inn Downtown Superdome ***
\$2.00 validated parking in hotel garage

Guest speaker Bryan P. Stephens, United States Department of the Interior, Minerals Management Service, New Orleans, will present "Basement Controls on Subsurface Geologic Patterns and Coastal Geomorphology across the Northern Gulf of Mexico: Implications for Subsidence Studies and Coastal Restoration."

(See page 7 for Abstract and Biography)

HOLIDAY INN DOWNTOWN SUPERDOME

ADMISSION:

Check with concierge or front desk for location	with reservation	\$30.00
Lunch served at 11:30am	without reservation	\$35.00
	Student Member with reservation	Free

July 12 - NOGS Luncheon

Holiday Inn Downtown Superdome. Guest speaker Dwight "Clint" Moore, Ion Geophysical Corporation, will present "Pioneering the Global Subsalt/Presalt Play: The World Beyond Mahogany (USA) Field."

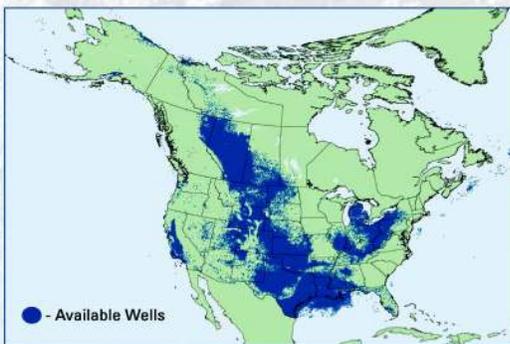
July 15 - 2010 Flood Protection Geological Symposium

In Jefferson (Elmwood shopping/business area). See call for abstracts on page 8.

October 10-15 - GCAGS 2010 Convention

In San Antonio, TX. See short courses and field trips information on pages 14-17.

Missing Well Data?



Let TGS complete the picture.

TGS adds hundreds of complete LAS everyday to the **world's largest LAS library**, with well logs in 29 countries.

And since you asked for it, we now have nationwide **US Production Data**.

Our well data is online, available immediately, with a team of **dedicated customer support** specialists there for you.

If your own proprietary well files are piling up, our new team of **well data solutions** experts can build a custom solution suited to your needs.

Learn more at www.tgsnopec.com/welldata
888-LOG-LINE | WellData@tgsnopec.com



Geophysical
Products



Geological
Products



Imaging
Services



www.tgsnopec.com

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: info@nogs.org □ 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 May 5, 2010.



BOARD OF DIRECTORS

		Company	Phone	E-mail
President	Tom Klekamp	Amber Resources LLC	985-845-4046	klekamp@bellsouth.net
Vice President	Bob Hafner	ENI Petroleum	504-593-7605	Robert.Hafner@enipetroleum.com
Secretary	Jennifer Connolly	Shell	504-728-6411	jennifer.connolly@shell.com
Treasurer	Chuck Holman	ENI	504-593-7869	chuck.holman@enipetroleum.com
President-Elect	David E. Reiter	ENI	504-593-7606	david.reiter@enipetroleum.com
Editor	Elizabeth Petro	MMS	504-736-2866	nogseditor@gmail.com
Director 2010	Michael M. Ledet		504-394-9636	mikeledet@cox.net
Director 2011	Scott A. Wainwright	Bret Exploration Co Inc	504-889-2700	scott_wainwright@hotmail.com
Director 2012	Arthur H. Johnson	Hydrate Energy International	504-464-6208	artjohnson51@hotmail.com

COMMITTEE

	Chairperson			
AAPG Delegates	William M. Whiting	Consultant	504-947-8495	bootscon@aol.com
AAPG Student Chapter	Gabriella March	Tulane University		gmarch@tulane.edu
AAPG Student Chapter	Mary Ellison	UNO	504-535-6472	mellison4@gmail.com
Advertising-Log	Andrea Stancin	Shell	504-728-0431	Andrea.a.stancin@shell.com
Auditing	James Swaney	MMS	504-736-2677	james.swaney@mms.gov
Awards	Michael N. Fein	W & T Offshore	504-210-8148	mikef@wtoffshore.com
Ballot	Chuck Holman	ENI	504-593-7869	chuck.holman@enipetroleum.com
Best Paper	David E. Reiter	ENI	504-593-7606	david.reiter@enipetroleum.com
Continuing Education	TBA			
Employment Counseling	TBA			
Entertainment	David E. Reiter	ENI	504-593-7606	david.reiter@enipetroleum.com
Environmental	Daisy Pate	Core of Engineers	504-957-4372	daisy.pate@gmail.com
External Affairs	Michael A. Fogarty	Sylvan Energy, LLC	603-523-4808	mike.a.fogarty@gmail.com
Field Trip	David Garner	Shell	504-728-6154	David.Garner@shell.com
Finance and Investment	Chuck Holman	ENI	504-593-7869	chuck.holman@enipetroleum.com
Historical	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
Membership/Directory	Penne Rappold	Shell	504-728-4338	rappold@gmail.com
New Geoscientists (NGNO)	TBA			
Nominating	Willis E. Conatser		504-466-9749	weconatser@aol.com
Non-Technical Education	Duncan Goldthwaite	Consultant	504-887-4377	DGldthwt@aol.com
Office Operations	William M. Whiting	Consultant	504-947-8495	bootscom@aol.com
Publications Sales	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
Photography	J. David Cope	Ankor Energy	504-596-3672	dcope@ankorenergy.com
School Outreach	Thomas C. Bergeon	Century Exploration	504-832-3772	Tom.bergeon@centuryx.com
Scouting	Carol Rooney	Consultant Geologist	504-835-1909	carolbrooney@aol.com
Technical Projects	TBA			
Ad Hoc Committee on University Support	Michael J. Gallagher	Eni Petroleum	504-593-7480	Michael.Gallagher@enipetroleum.com

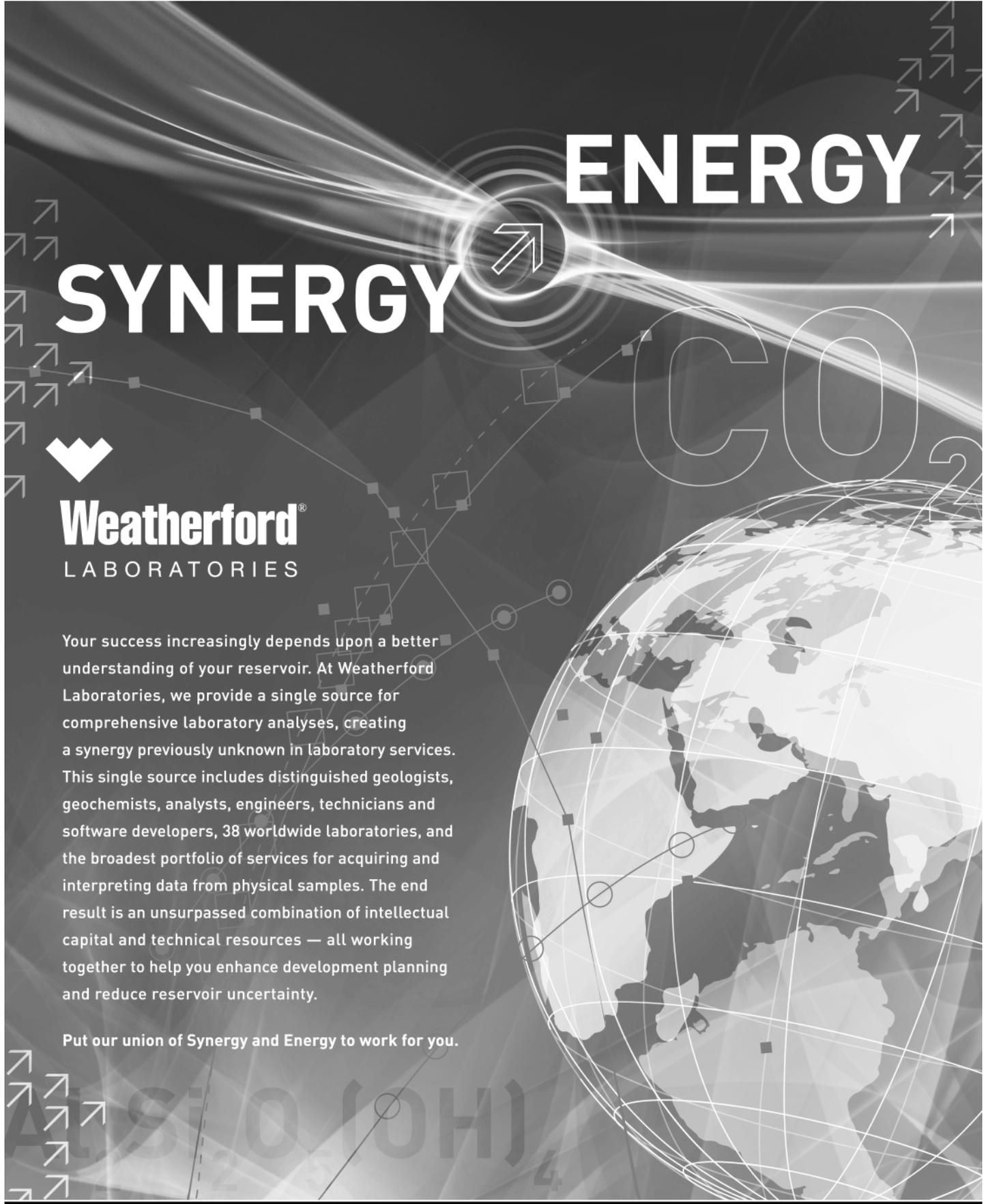
NOGS LOG STAFF

Editor	Elizabeth Petro	MMS	504-736-2866	nogseditor@gmail.com
Editor-Elect	Fran Wiseman	MMS	504-736-2912	frances.wiseman@mms.gov
Auxiliary	Susie Baker	NOGA	504-466-4483	abaker1006@aol.com
Info Tidbits	FranWiseman	MMS	504-736-2912	Frances.wiseman@mms.gov
Drill Bits	TBA			
Webmaster	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
Layout	Jannette Inc.			

NOGS AUXILIARY

Officers		Phone	Directors	Year	Phone
President	Linda Peirce	504-393-7365	Beverly Christina	2009-10	504-835-2383
1st Vice-President	Jean Jones	504-738-8091	Peggy Rogers	2009-10	504-392-6323
2nd Vice-President	Beverly Kastler	504-286-0879	Judy Sabate'	2009-10	504-861-3179
Secretary	Dolores Murphy	504-393-0878	Peggy Campbell	2009-11	504-283-2505
Treasurer	Judy Lemarie'	504-393-8659	Ruth Grimes	2009-11	504-392-8103
Parliamentarian	Carol Andrews	504-887-3432	Gerry Waguespack	2009-11	504-737-0532
Member-at-Large	Susie Baker	504-466-4483			

--- NOGS Contact List continued on page 10 ---



ENERGY

SYNERGY



Weatherford[®]
LABORATORIES

Your success increasingly depends upon a better understanding of your reservoir. At Weatherford Laboratories, we provide a single source for comprehensive laboratory analyses, creating a synergy previously unknown in laboratory services. This single source includes distinguished geologists, geochemists, analysts, engineers, technicians and software developers, 38 worldwide laboratories, and the broadest portfolio of services for acquiring and interpreting data from physical samples. The end result is an unsurpassed combination of intellectual capital and technical resources — all working together to help you enhance development planning and reduce reservoir uncertainty.

Put our union of Synergy and Energy to work for you.

Weatherfordlabs.com

HIGHER STANDARDS

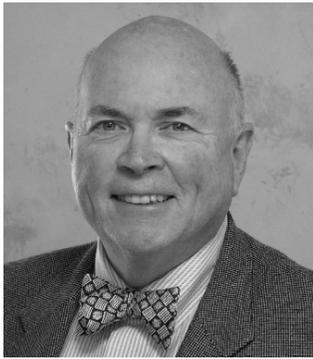
NORTH AMERICA
NAInquiries@weatherfordlabs.com

EUROPE
EUInquiries@weatherfordlabs.com

LATIN AMERICA
LAInquiries@weatherfordlabs.com

MIDDLE EAST/NORTH AFRICA
MENAIquiries@weatherfordlabs.com

ASIA PACIFIC
APIquiries@weatherfordlabs.com



from the President

Serving NOGS has brought me a wealth of new friends and colleagues, from the young future geologists I met at the Super Science Saturday to the lone geologist who did field work on Earth's own satellite - the Moon. All of these people are bitten by the enormous puzzle of our Earth, and beyond.

I extend my thanks to all those who have helped me in the past year. To our Board of Directors, I owe a great deal of tribute; as a team we tackled a lot of issues. My thanks to the "friends of NOGS," who came through at critical times to maintain momentum on technical projects. I would cite them, however, the list is long, and my leaky memory risks omitting one person. Two people who have helped immeasurably deserve special thanks: Annette Hudson, our Administrative Secretary and Ed Picou, who long ago garnered the moniker, "Mr. NOGS." The New Orleans Geological Auxiliary has been very supportive of NOGS and me personally over the past year. Time and again they come across as a well-organized group. To President Linda Peirce and the officers of NOGA, I say thank you. Finally, I thank my dear wife, Amber, who moderated and tolerated my brainstorming. A veteran English teacher and master of prose, she frequently proofed my columns with her Mongol #2, punctuating, distilling, and rearranging.

In past times the transition to a new set of NOGS officers and Board would have been seamless. However, within the past several weeks we learned that one of the key companies in New Orleans will be downsizing to Houston. Several of our Board members will be directly impacted by this

consolidation and of course it isn't easy. They are colleagues I respect and upon whom I have relied over the past year. Poignant, in that some chose to return to New Orleans following Katrina.

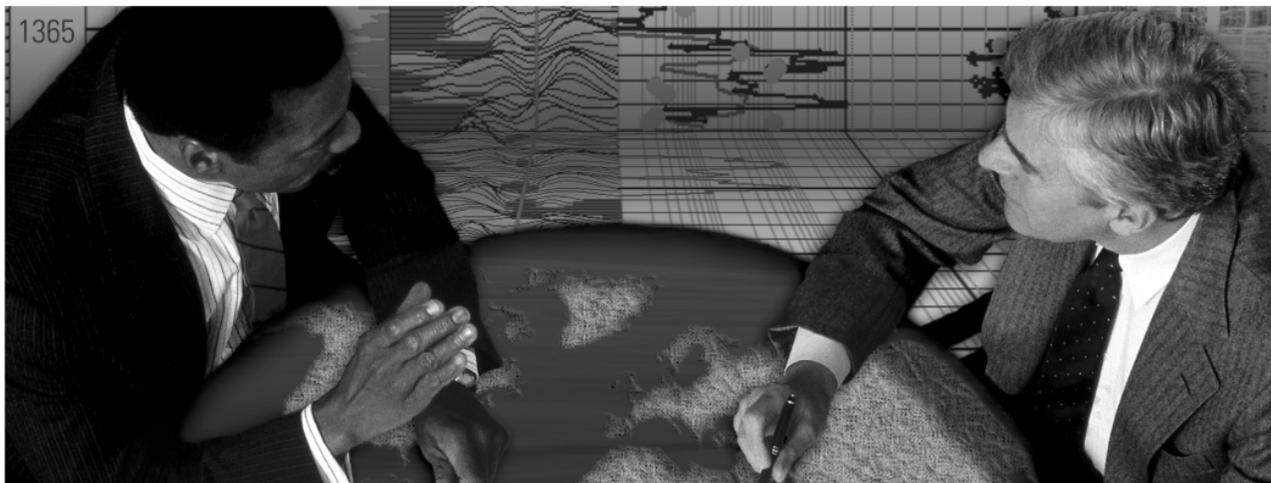
AAPG had a successful convention here in New Orleans. Tom Hudson assembled a crew of dedicated and focused geoscientists to bring this to fruition. There were many local teleconference meetings. The registration was over 5,700, which, considering it fell only nine months after Denver was significant. Our NOGS World War II Museum social exceeded expectations. Likewise, NOGA's Hospitality Suite at the Sheraton Hotel was a key to our success and top notch in every respect.

By the end of 2010, NOGS should have a new field studies volume both in print and CD-ROM. There may be as many as 30 fields in the final version. For uniformity, Geodraft is redrawing maps, cross-sections and other illustrations. Ramos Field has been completed and was shown at our NOGS Booth in the Exhibition Hall at the Convention. Sales of the future publication will be handled through the Texas BEG.

I have enjoyed writing these columns and occasional tangents, which come best at deadlines and bedevil my Editor and the Log staff. My hope is that the 2010-11 officers will continue to build NOGS, our profession and the City we have come to cherish.

Tom

Schlumberger formation evaluation solutions deliver the answers you need. Our extensive portfolio of services, leading-edge technology, and advanced conveyance options keep you in communication with your well throughout its life cycle.



With formation evaluation technologies from Schlumberger, you can make the best decisions for optimized performance in every well.

The formation evaluation one-stop shop

Whether you are logging in open hole or behind the casing, our broad selection of services ensures the best solution for acquiring formation evaluation data. Tools can be conveyed while drilling or on wireline or pipe. We offer many specialized evaluation capabilities, from density, neutron porosity, and resistivity to borehole imaging, nuclear magnetic resonance logging, borehole seismic, formation pressure testing, and fluid sampling. Advanced triple-combo logging options include the VISION* formation evaluation and imaging-while-drilling services. Coupled with Pulse* telemetry and surveying services, the VISION family provides real-time formation evaluation data and enables optimum well placement.

High-speed wireline measurements are recorded with the Platform Express* logging services. The SlimXtreme* platform is designed for high-pressure, high-temperature environments and the ABC* Analysis Behind Casing services are used after casing is set.

Expert interpretation from the engineers and geoscientists of Schlumberger Data & Consulting Services brings all your data together to give you the answers you need. This expertise is available after logging is complete or as real-time two-way wellsite communication through the InterACT* real-time monitoring and data delivery system.

Schlumberger delivers leading-edge technology and interpretation expertise for all your formation evaluation needs, so every well benefits from the very best information.

For more information visit
www.slb.com/oilfield/formation_evaluation/.

*Mark of Schlumberger

04-FE-114

Schlumberger

June 14 NOGS Luncheon Presentation

At the Holiday Inn Downtown Superdome

Basement Controls on Subsurface Geologic Patterns and Coastal Geomorphology across the Northern Gulf of Mexico: Implications for Subsidence Studies and Coastal Restoration

presented by

Bryan P. Stephens

U.S. Department of the Interior, Minerals Management Service, New Orleans

ABSTRACT

Several causes of subsidence in the Gulf Coast in general, and Southeast Louisiana in particular, have been identified. These include sediment loading, compaction of Holocene sediments, subsurface faulting, salt withdrawal and fluid extraction. Recent geodetic leveling studies suggest much of the subsidence is tectonic in nature and related to movement along Tertiary fault systems. This paper suggests that an ordered basement structure has also exercised a profound level of control on all subsequent geological processes including recent coastal environments and ongoing subsidence.

The arrangement of structural elements across the northern Gulf of Mexico suggests the continental margin is segmented by northwest-southeast trending transfer fault zones related to Mesozoic rifting. Major transfer faults segment the continental margin into structural corridors approximately 25 to 40 miles in width, characterized by varying degrees of extension, crustal attenuation and tectonic subsidence. The corridors are more finely segmented by minor transfer fault trends which also exhibit regular and predictable lateral and vertical

offsets that are reflected in overlying Tertiary cover. Mesozoic and Tertiary faults, salt systems and shelf margins are segmented along the same transfer-fault delimited corridors. Variations in sediment thickness suggest that the transfer faults have influenced deposition throughout the history of the basin. Modern seismicity demonstrates ongoing activity along these deep crustal boundaries.

Gulf Coast topographic and bathymetric trends appear to be sympathetic to the basement structure as reflected by stream courses, incised valleys and offshore sediment fairways. The shape of the coastline and distribution of coastal barriers and spits also conform to lateral and vertical offsets along underlying transfer fault zones.

Recognition of the ordered arrangement of basement structures, faulting and salt systems can help coastal scientists better understand the emerging body of detailed subsidence measurements and guide future lines of inquiry. Identification of areas of relative geologic stability may influence coastal restoration efforts.

BIOGRAPHY

Bryan Stephens is a native of the New Orleans area. He holds Bachelor's and Master's degrees in Geology from the University of New Orleans and the University of Kansas, respectively. From 1985 to 1988 he worked in the Petroleum Research Section of the Kansas Geological Survey. From 1988 to 1999 he worked for Texaco in New Orleans on a variety of exploration and production assignments across the Gulf Coast and offshore Gulf of Mexico. He joined the Minerals Management Service in

1999, where his primary responsibilities include Fair Market Value Determination of lease sale tracts in the deepwater Gulf of Mexico. Bryan's geologic interests are centered around the interactions of basement tectonics, salt tectonics, and depositional systems. He is a member of AAPG and NOGS. He has served as NOGS School Information Committee Chairman and GCAGS Field Trip Committee Chairman.

THE LUNCHEON RESERVATION DEADLINE IS JUNE 9 - CONTACT THE NOGS OFFICE

“And Looking Ahead...”

The next NOGS Luncheon will be held on July 12. Guest speaker Dwight "Clint" Moore, Ion Geophysical Corporation, will present "Pioneering the Global Subsalt/Presalt Play: The World Beyond Mahogany (USA) Field. Contact the NOGS office to make your reservation.

CALL FOR ABSTRACTS

2010 Flood Protection Geological Symposium

Geologic Facts of Life for Flood Protection in Coastal Louisiana

Thursday, July 15, 2009

Jefferson Parish Council Chambers

Joseph Yenni Building

1221 Elmwood Park Blvd.,

Jefferson, LA 70123

Abstract Submission Protocol:

The unique purpose of this conference is to convene public agencies and provide decision makers, and the public, with the latest geological research affecting flood protection efforts along the Gulf of Mexico Coastal Zone. Again this year, the Flood Protection Geological Symposium Committee invites up to five PowerPoint lectures approximately 30 minutes in length representing diverse geoscience topics such as paleotempestology, subsidence and sea-level rise, geological considerations for coastal restoration and protection, geotechnical hazards, and other relevant topics.

Abstract Submission Deadline is June 15, 2010, 11:59 pm CST

Abstracts of no more than 400 words with up to 2 key figures must be submitted by this deadline for review by the Flood Protection Geological Symposium Committee to mminer@uno.edu.

Please note: All presenters customarily remain after their lecture and participate in a concluding panel discussion. Proceedings of the conference are to be published digitally. Upon abstract acceptance, presenters are asked provide a digital summary of key points and illustrations for sponsors to post in press releases beforehand and in the public domain on the sponsors' web sites afterwards.

SPONSORS

New Orleans Geological Society

Louisiana State Geological Survey

Southeast Louisiana Flood Protection Authority - East Bank Board of Commissioners

Southeast Louisiana Flood Protection Authority - West Bank Board of Commissioners

For Information:

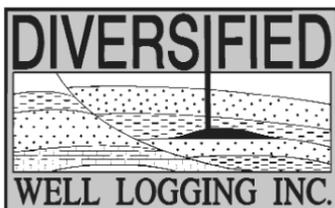
Mike Miner: mminer@uno.edu

NOGS: info@nogs.org or 504-561-8980



Relax. We'll keep you posted.

Your rig is offshore and you are not. How do you know what's going on so many miles away? You know because we tell you. Daily or even hourly, Diversified Well Logging's engineers update you on the status of your rig. We are your eyes and ears, especially when it comes to deep water or high pressure, high temperature areas. Diversified offers 24-hour surface evaluation. We provide secure and customized real-time data communication, in-house research and development and 24/7 on-call support for our equipment and our engineers. Whether you have a 10-day job or 110-day job, we provide the specialized attention you require. So, relax. We're with you every step of the way.



Serving the Gulf Coast for over 40 years.

New Orleans • Lafayette • Houston • Dallas • Corpus

800.280.2096

711 West 10th Street • Reserve, LA 70084 • Phone: 985.536.4143 • Fax: 985.536.2427
sales@dwl-usa.com



**FULLY INTEGRATED AND
CENTRALIZED BIOSTRATIGRAPHIC
SERVICES**

- ▼ *Single-source biostratigraphic databases
for increased accuracy and consistency*
- ▼ *Integrated foram / nannofossil analyses*
- ▼ *Complete wellsite paleo services*
- ▼ *In-house sample preparation
lab for quality-monitoring
and efficiency*
- ▼ *Sample pick-up service*

6619 Fleur de Lis Drive
New Orleans, LA 70124
(504) 488-3711

www.paleodata.com

MCMORAN EXPLORATION CO.



**MCMORAN
OIL & GAS**

www.mcmoran.com
NYSE: MMR

16676 Northchase Dr. Houston, TX 77060 (281) 539-7600 Fax:(281) 539-7655	1615 Poydras New Orleans, LA 70112 (504) 582-4000 Fax:(504) 582-4155	110 Travis St., Suite 140 Lafayette, LA 70503 (337) 735-9150 Fax:(337) 735-9151
---	---	--

NOGS CONTACT LIST

--- continued from page 3 ---

**MEMORIAL FOUNDATION
BOARD OF TRUSTEES**

		Company	Phone	E-mail
2009-10 Chairman	William M. Whiting	Consultant	504-947-8495	bootscon@aol.com
2009-10 Secretary	Tom Klekamp	Amber Resources LLC	985-845-4046	klekamp@bellsouth.net
2009-10 Trustee	Michael C. Fauquier	W & T Offshore	504-210-8192	mfauquier@wtoffshore.inc
2009-10 Trustee	J. David Cope	Ankor Energy	504-596-3672	dcope@ankorenergy.com
2010-11 Trustee	Timothy J. Piwowar	Shell	504-728-4066	tim.piwowar@shell.com
2010-11 Trustee	Michael N. Fein	W & T Offshore	504-210-8148	mikef@wtoffshore.com
2011-12 Trustee	Monte Shalett	Berkshire Exploration Co	504-831-7779	mshalett@gmail.net
2011-12 Trustee	James Swaney	MMS	504-736-2677	james.swaney@mms.gov

**AAPG DELEGATES
Term Ends**

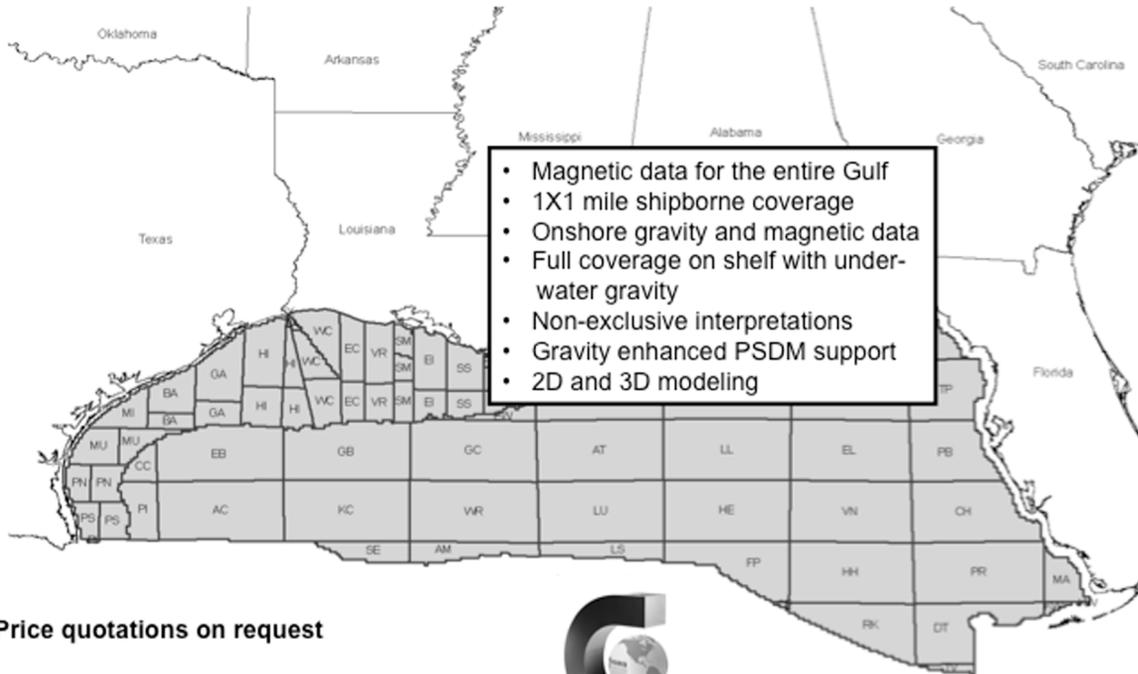
2011	Tom Hudson	Chevron	985-773-7163	tom.hudson@chevron.com
2011	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
2011a)	Brenda Reilly	Energy Partners Ltd.	504-799-4811	breilly@eplweb.com
2011a)	Robert Rooney	Century Exploration	504-832-3777	Robert.rooney@centuryx.com
2012	William Whiting	Consultant	504-947-8495	bootscon@aol.com
2012	Jim Zotkiewicz	Zot Oil & Gas	504-831-4694	jimzot38@zotoil.com
2012 a)	David E. Balcer	Chevron	985-773-6725	dbalcer@Chevron.com
2012 a)	Richard J. Stancliffe	Shell Expl & Prod Co.	504-728-7553	richard.stancliffe@shell.com



Fugro Gravity & Magnetic Services

LAND • AIRBORNE • UNDERWATER • SHIPBORNE

The most complete coverage Onshore and Offshore Gulf of Mexico



Price quotations on request

Fugro Gravity & Magnetic Services
www.Fugro-GravMag.com
Tel: 713-369-6123



Gravity Inspired. Magnetically Inclined.



Shell has worked in partnership with the NOGS for many years, and is proud to count the society among its closest business associates.

The New Orleans Geological Society was organized in 1941 to foster scientific research and advance the science of geology. Particular emphasis is laid on the exploration for and production of petroleum and natural gas. Related objectives include encouraging the adoption of improved methods of exploration, disseminating pertinent geological and technological data, and maintaining a high standard of professional conduct among its members.

www.shell.com/us.espcoc



GOM smart

An ocean of GOM DATA... updated for you 24/7

Introducing GOMsmart. Web-based GOM data with real-time updates. No special software or training. Access data via intuitive interface or customizable maps.

- Wells: header, production, tests, 250,000+ logs
- Production Data: historical and current
- Paleo Data: access to 100,000+ observations
- Affordable: monthly and annual subscriptions

Visit www.GOMsmart.com for your FREE trial.



From ZNodal Systems to ZNodal Imaging

We are full spectrum ZNodal™ technology

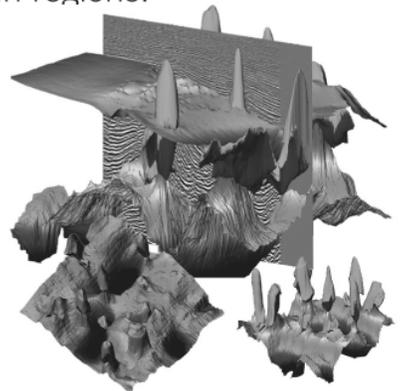
FairfieldNodal.com



We admit it. We're seismic nodal fanatics. Always have been. Which explains our one-of-a-kind, cable-free ZNodal™ systems. They work wonders in dense urban areas and pristine wilderness, in shallow water and deep ocean regions.

In fact, our exclusive ZNodal technology is behind everything we do, from acquisition and licensing to advanced processing and imaging, bringing nodal data to life in amazing ways.

Right now, our ZNodal systems are on the job in some of the world's most challenging fields, making a powerful difference. So when you're ready to go nodal, count on us to lead the way. ZNodal technology: It's what you need. It's what we're all about.



 **fairfield**nodal

SYSTEMS ACQUISITION LICENSING PROCESSING IMAGING

Solicitation for Field Studies

The abstract below is from a presentation at the May 2003, NOGS South Louisiana Onshore Petroleum Exploration Symposium. A special NOGS Ad Hoc Committee is currently soliciting Field Studies from members for publication in the forthcoming Oil and Gas Fields Volume IV. Please consider contributing a field study. For details contact: Carlo Christina CarloCC398@cox.net or Charles Corona cjcorona@cox.net.

Patterson Field Re-development

R. Pete Dodge, Dominion Exploration and Production, New Orleans, LA,
and Andy Bittson, Devon, Houston, TX

ABSTRACT

Sun Oil Company discovered Patterson Field with the drilling and completion of their Zenor #1 well in 1951. Drilling continued within the field through 1992 with wells targeting the prolific Miocene age *Robulus* "L" through *Marginulina* "A" sands. No wells were drilled in the field between 1993 through 1998, resulting in a decline in daily production down to 1.7 MMCFGPD and 22 BCPD. In 1997 CNG (now Dominion) entered into a joint exploration agreement with Pennzoil (now Devon) to acquire approximately 65 square miles of new 3-D seismic data over the field. GECO-Prakla completed the acquisition of the data in 1998.

The partnership drilled and completed their first well in 1999. To date we have drilled and completed 5 wells increasing the present daily production to over 20 MMCFGPD and 1,300 BCPD. The 3-D survey helped to define several buried down to the south growth faults located south of the younger Patterson fault. Uplifted closures at the *Discorbis* "B" and *Marginulina* "A" horizons were mapped

which resulted in the drilling and completion of the Zenor A-15 (*Discorbis* "B"), Zenor A-16 (*Marginulina* "A") and Pugh #1 (*Marginulina* "A") wells. The Zenor A-17 well targeted deeper *Planulina* Sands upthrown to the Patterson fault. The *Planulina* Sands were wet. However, a shallower *Operculinoides* age sand was logged productive, reestablishing an interest in the further development of the field pay sands. The Zenor #1 was the most recent well drilled and completed. The Zenor #1 targeted both attic reserves in the *Robulus* L field pay sands and deeper potential reserves within the *Discorbis* "B" and *Marginulina* "A" sands. The well was successful within the main field pay *Robulus* "L" sands, and discovered a new *Robulus* "L" oil sand, the "R3B", which is on production at 300 BOPD.

Additional drilling is scheduled to take place this summer. We look forward to continued success with the Patterson re-development program.

FROM THE EDITOR



I would like to specially thank Ed Picou, Annette Hudson, and Jannette Sturm-Mexic for helping me edit and produce the NOGS LOG every month. Best wishes to the new board. Please welcome Fran Wiseman, your new editor.

— Short Courses —

60th Annual Convention

October 10-12, 2010 San Antonio, Texas

Hosted by the South Texas Geological Society



Short Course #1 – Critical Elements of Gas Shale Evaluation

Instructor: Randall S. “Randy” Miller, Core Laboratories

Date: One Day Short Course, Saturday October 9, 2010

Short Course #2 – Evaluation of Shale Gas Reservoirs with Focus on the Eagleford

Instructor: Rick Lewis, Schlumberger

Date: One Day Short Course, Sunday, October 10, 2010

Short Course #3: Geology & Geophysics Applied in Industry

Instructor: Fred W. Schroeder (ExxonMobil Retired)

Date: One Day Short Course, Saturday, October 9, 2010

Short Course #4 - Multicomponent Seismic Stratigraphy & Technology for Evaluating Fracture Systems of Unconventional Reservoirs

Instructor: Bob A. Hardage, Bureau of Economic Geology

Date: One Day Short Course, Sunday, October 10, 2010

Short Course #5 – Basic Log Analysis

Instructor: Tom Fett, Consulting Petrophysicist, San Antonio, Texas

Dates: Half Day Short Course, Saturday Afternoon, October 9, 2010

Short Course #6 – Advanced Log Analysis of Shale Gas and Tight Gas Reservoirs

Instructor: Tom Fett, Consulting Petrophysicist, San Antonio, Texas; Others TBA

Dates: One Day Short Course, Sunday, October 10, 2010

Short Course #7 – Carbon Sequestration

Instructors: Sue Hovorka, Ramon Trevino, J.P. Nicot, Bureau of Economic Geology, The University of Texas at Austin, Steven Bryant, Sanjay Srinivasan, Larry Lake, Carlos Torres-Verdin, Department of Petroleum and Geosystems Engineering, The University of Texas, Austin, Sandia Technologies Personnel, Houston, TX, Hilary Olson, Institute for Geophysics, The University of Texas at Austin

Dates: One Day Short Course, Sunday October 10, 2010

Short Course #8 – Career Development, Adaptive Skills, Ethics, & Project Management

Instructor: TBA

Dates: One Day Short Course, Sunday, October 10, 2010

Short Course #9 – Ethics I

Instructor: Cary Barton (Barton, East & Caldwell, LLP)

Dates: One Hour Short Course, Monday, October 11, 2010

Short Course #10 – Ethics II

Instructor: Cary Barton (Barton, East & Caldwell, LLP)

Dates: One Hour Short Course, Tuesday, October 12, 2010

*Complete course details can
be found at:*

*[http://www.gcags2010.com/
Continuing.Education/
Continuing.Education.html](http://www.gcags2010.com/Continuing.Education/Continuing.Education.html)*

— **Field Trips** —
Complete descriptions on pages 16-17

Trip 1: Day trip Sunday October 10, 2010:

Stratigraphy and Structure of the Glen Rose Formation and Hidden Valley Fault, Canyon Lake Spillway Gorge, Comal County, Texas

Leaders: David A Ferrill (Southwest Research Institute), William C. Ward (retired, University of New Orleans), and Ann Molineux (Texas Natural Science Center, University of Texas at Austin)

Summary: At Canyon Lake Gorge floodwaters exposed a 60-m-thick continuous section of the Lower Albian Glen Rose Formation with abundant fossils, trace fossils, and the Hidden Valley fault. We will explore a fault zone in carbonate strata like many other faults that influence the behavior of groundwater aquifers and hydrocarbon reservoirs in carbonate strata. We will see examples of spring discharge from faults, fractures, and beds with vuggy porosity, as well as contrasting impermeable fault zones. For those interested in groundwater reservoirs, the Upper Glen Rose Trinity Aquifer is exposed in the gorge.

Trip 2: Day trip Sunday, October 10, 2010:

The Balcones Fault Zone Edwards Aquifer of South-Central Texas

Leaders: Geary Schindel, Steve Johnson, John Hoyt (Edwards Aquifer Authority, San Antonio, Texas)

Summary: We will tour research and environmental monitoring sites in the contributing, recharge, and artesian zones of the Balcones Fault Zone segment of the Edwards Aquifer. We will visit Bear and Cub caves, discussing their hypogenic paleo springs to epigenic recharge feature transition, and Comal Springs, discussing recharge zone interaction, endangered species issues, and a nearby saline water well.

Trip 3: Day trip Sunday, October 10, 2010:

Geology of the San Antonio Area

Leader: Thomas E. Ewing, Frontera Exploration Consultants

Summary: On this field trip we ‘follow the water’ from caves and other recharge features north of San Antonio to the springs where Edwards Aquifer water issues, then downstream to discuss the five early Spanish mission complexes and their building stones and water supplies. We will also visit quarry sites which supplied building stone and cement, and which have been reclaimed as gardens and golf courses. Anyone interested in the interaction of geology, landscapes, and natural and human history would enjoy and learn from this trip. The trip is non-technical and open to all attendees, delegates and spouses.

Trip 4: Tuesday evening, October 12, 2010 through Thursday evening, October 14, 2010:

Eagle Ford (Boquillas) Formation and Associated Strata in Val Verde County, Texas

Leader: Brian Lock – University of Louisiana, Lafayette

Summary: If you are trying to decide where to buy Eagle Ford leases or in what interval to drill your lateral, here is a chance to see the environments of Eagle Ford shale deposition which may control the reservoir quality in the subsurface. Black, bituminous Boquillas shale, the local equivalent of the Eagle Ford, outcrops in Val Verde and Terrell counties, exposing the sequence from Albian through Coniacian. The basal member displays excellent examples of debris flows and slump structures, with possible contourites. We shall also visit and discuss the distinctive tepee structures in the Boquillas. The second morning will be spent looking at the Del Rio Formation, with exposures of tempestite sands with hummocky cross-stratification, gutter casts, sole marks and microbial mats. The significance of several unconformity surfaces will also provoke debate.

Trip #1 – Stratigraphy and Structure of the Glen Rose Formation and Hidden Valley Fault, Canyon Lake Spillway Gorge, Comal County, Texas

Leaders: David A Ferrill (Southwest Research Institute), William C. Ward (retired, University of New Orleans), and Ann Molineux (Texas Natural Science Center, University of Texas at Austin)

Date: Sunday, October 10, 2010

Depart: Grand Hyatt, Convention Center, 8 am

Return: Grand Hyatt, Convention Center, 3 pm

Tuition: \$TBA per person; price includes transport, picnic lunch and guidebook.

Enrollment: Maximum 44 persons.

Who Should Attend?

This field trip will be of interest to paleontologists, geomorphologists, stratigraphers, and structural geologists. The hike will require walking and moderate climbing over uneven terrain for nearly 2 km (1.2 mi). Wear sturdy shoes or boots. Wear hat and bring water. No fossils or rock samples may be collected in Canyon Lake Gorge.

Summary:

Horrendous rains in the Guadalupe River watershed in late June and early July 2002 sent rapidly rising waters of Canyon Lake over the spillway for the first time. The creek valley below the spillway was transformed by floodwaters into a long gorge, excavated as much as 9 m below the former ground level. This new canyon exposes a 60-m-thick continuous section of the Lower Albian Glen Rose Formation. This stratigraphic section is deformed and offset by the Hidden Valley fault, which is exposed for an along-strike distance of 800 m (0.5 mi) in the gorge, providing the opportunity to explore a fault zone in carbonate strata like many other faults that influence the behavior of groundwater aquifers and hydrocarbon reservoirs in carbonate strata. During the field trip we will explore the stratigraphy, paleontology, and structure of Canyon Lake Gorge. For those interested in groundwater reservoirs, the Upper Glen Rose Trinity Aquifer is exposed in the gorge. We also will see examples of spring discharge from faults, fractures, and beds with vuggy porosity, as well as contrasting cases where the fault zone appears to be impermeable versus highly permeable.

Trip #2 – The Balcones Fault Zone Edwards Aquifer of South-Central Texas

Leaders: Geary Schindel, Steve Johnson, and John Hoyt – Edwards Aquifer Authority, San Antonio, Texas

Date: Sunday, October 10, 2010

Depart: Grand Hyatt, Convention Center, 8 am

Return: Grand Hyatt, Convention Center, 5 pm

Tuition: \$TBA per person; price includes transport, one picnic lunch and guidebook.

Enrollment: Maximum 44 persons.

Who Should Attend?

This field trip will be of interest to geologists, hydrogeologists, and environmental scientists.

Summary:

The Balcones Fault Zone Segment of the Edwards Aquifer, located in south-central Texas, is one of the most permeable and productive aquifers in the United States. The aquifer extends more than 180 miles from Del Rio, east through San Antonio, and then north through Austin to Waco. The Edwards Aquifer is the primary water source for more than 1.7 million people in the region and provides most of the water for agriculture and industry. In addition, the aquifer discharges through a series of large springs that provide critical habitat for a number of threatened and endangered species.

The Edwards Aquifer Authority (Authority) was created in 1996 by the Texas Legislature to preserve and protect the Edwards Aquifer, a unique groundwater resource. The Authority has broad authority to implement programs to regulate water withdrawal and water quality in the aquifer. The Authority has a comprehensive research and data collection program to support regulatory and policy programs for the aquifer. This field trip will visit various research and environmental monitoring sites in the contributing, recharge, and artesian zones of the aquifer.

Trip #3 – Landscapes, Water and Man: Geology and History in the San Antonio Area

Leader: Thomas E. Ewing, Frontera Exploration Consultants

Dates: Sunday, October 10, 2010

Depart: Grand Hyatt, Convention Center, Sunday morning, 8 am

Return: Grand Hyatt, Convention Center, Sunday afternoon, 4 pm

Tuition: \$TBA per person; price includes transport, lunch and guidebook.

Enrollment: Maximum 44 persons.

Who Should Attend?

Anyone interested in the interaction of geology, landscapes, and natural and human history would enjoy and learn from this trip. It is also an excellent introduction to the geology and history of the San Antonio area. The trip is non-technical and open to all attendees, delegates and spouses.

Summary:

San Antonio and the nearby Hill Country are the most historical part of Texas. The development of this area has been intimately shaped by the diverse landscapes, the abundant groundwater, and other earth resources. The diverse rocks that underlie the area control these resources and landscapes.

On this field trip we 'follow the water' from caves and other recharge features north of San Antonio to the springs where Edwards Aquifer water issues, then downstream to discuss the five early Spanish mission complexes and their building stones and water supplies. We will also visit quarry sites which supplied building stone and cement, and which have been reclaimed as gardens and golf courses.

Trip #4 – Eagle Ford (Boquillas) Formation and Associated Strata in Val Verde County, Texas

Leader: Brian Lock – University of Louisiana, Lafayette

Dates: October 12 through October 14, 2010

Depart: Grand Hyatt, Convention Center, Tuesday afternoon, 4 pm, October 12, 2010 (NOTE: last technical session ends at 3:55 pm, so plan to leave early and be on bus by 4 pm)

Return: Grand Hyatt, Convention Center, Thursday evening, 8 pm, October 14

Tuition: \$TBA per person; price includes transport, two picnic lunches and guidebook. Breakfasts, dinners, and two nights in Del Rio Inn and Suites (\$40 to \$60 per night), to be paid directly by individual participants.

Enrollment: Maximum 44 persons.

Who Should Attend?

This field trip will be of interest to petroleum geologists, particularly those interested in shale plays, as well as stratigraphers and sedimentologists.

Summary:

If you are trying to decide where to buy Eagle Ford leases or in what interval to drill your lateral, here is a chance to see the environments of Eagle Ford shale deposition which may control the reservoir quality in the subsurface. Outstanding outcrops along U.S. Highway 90 in Val Verde and neighboring Terrell counties expose the sequence from Albian through Coniacian. Wednesday will be spent looking at outcrops of the Boquillas and Atco formations. The Boquillas is the local equivalent of the Eagle Ford and is attracting interest as a potential shale reservoir. Good outcrops of black, bituminous shale will be visited. The basal member displays excellent examples of debris flows and slump structures, with possible contourites.

Thursday morning will be devoted to the Del Rio Formation (Grayson equivalent), with outstanding tempestite sands (hummocky cross-stratification, gutter casts, sole marks and microbial mats).

We shall also visit and discuss the distinctive tepee structures in the Boquillas, interpreted to result from Cenozoic caliche formation, as well as several unconformity surfaces whose significance will also provoke debate.



Eni Petroleum

1250 Poydras Street
Suite 2000
New Orleans, LA 70113
Tel: (504) 593-7000
Fax: (504) 593-7745

1201 Louisiana Street
Suite 3500
Houston, TX 77002
Tel: (713) 393-6100
Fax: (713) 393-6205

**It's no illusion...
Core Lab offers everything you need.**



©2009 Core Laboratories. All rights reserved.

Unconventional resource exploitation • Gas shale experts • Deepwater GOM authority
Capacity for fast turnaround • High-quality people • Global support
Industry leadership and reliability • Proprietary and patented technologies • Experience

www.corelab.com/rd/petroleumservices • 24-hour wellsite service hotline: 504-733-6583

SEI[®]

Seismic Exchange, Inc.

**Strategic Speculative Surveys
Geophysical Data Marketing & Management**

**YOUR
Full Service
National
Seismic Data
Marketing Firm**

New Orleans
Dallas
Houston
Denver
Oklahoma City
Corpus Christi
Tulsa

201 St. Charles Avenue, Suite 4300, New Orleans, Louisiana 70170-4300
Telephone 504.581.7153 Fax 504.581.9591
www.seismicexchange.com

Excerpts from External Affairs

Michael Fogarty

Chair – External Affairs Committee



Joint Committee on Reserves Evaluator Training: The Joint Committee on Reserves Evaluator Training has launched a Web site providing contact information and FAQs about JCORET. Training materials and instructions for creating training materials are also featured. <http://www.jcoret.org/>

SPE Membership reaches a record high: The Society of Petroleum Engineers membership reached a record high in 2009, totalling 92,100 members in 117 countries, a 4 percent increase over 2008. SPE membership has grown 33 percent since 2005.

http://www.spe.org/about/media/pr_SPE_Worldwide_Membership_Grows_Record_92,100%20.php

AAPG: The AAPG has issued a new position statement on Geologic Carbon Storage that "urges the expansion of funding for scientific research on permanent carbon storage and for the scientific research related to reservoir performance." <http://dpa.aapg.org/gac/statements/GeologicCarbonStorage.cfm>

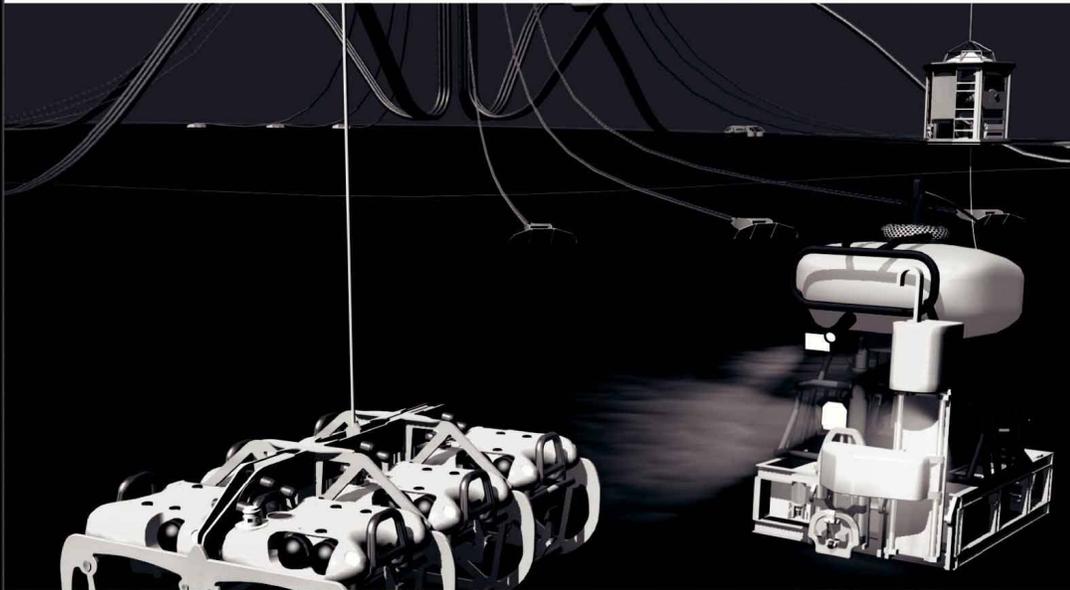
Please go to http://www.nogs.org/nogs_external_affairs.html for more events and information.

INFO TIDBITS

- Nantucket Sound will be the location of the nation's first offshore wind farm. The project will include 130 turbines and should provide 75 percent of the energy for the Cape and the islands of Martha's Vineyard and Nantucket. <http://www.cnn.com/2010/TECH/04/28/cape.cod.wind.farm/index.html?hpt=Sbin>
- The Don Juan Pond in the Dry Valleys of Antarctica never freezes. The super saline brine may prove to be a model for the existence of water on other planets. <http://geology.com/press-release/don-juan-pond/>
- Here come the replacements, enrollment in geoscience is on the rise. During the 2009-2010 academic year, a 7% increase was seen in undergraduates as compared to 2008-2009 numbers. Graduate geoscience enrollments increased as well with an almost 16% jump during the same period. <http://www.agiweb.org/workforce/Currents/Currents-031-Enrollments2010.pdf>

- *Liz Petro*

Finally - An answer for getting reservoir seismic **OVER THE RESERVOIR!**



• **4C/4D Node Seismic**

- ANGOLA
- GoM
- NIGERIA



“Coming Soon to an Oilfield Near You!”

www.sbexp.com

Dubai
T: +971 4 4271700

Houston
T: +1 281 566 1666

Oslo
T: +47 2240 2700

Rio
T: +55 21 2494-0283

Singapore
T: +65 9180 2605

Trondheim
T: +47 7 3879500

RAISING THE **STANDARD**



100 Northpark Blvd.
Covington, LA 70433

(985) 773-6000



LaBay
Exploration Co., L.L.C.

111 Veterans Memorial Blvd.,
Suite 1550
Metairie, Louisiana 70005

www.labayexploration.com

Office (504) 371-5967
Fax (504) 371-5969

LAURENT OIL & GAS

is interested in purchasing low risk oil prospect ideas in the Gulf Coast onshore and state waters. We will obtain leases, pay a finders fee and assign an override.

Call: Scott Laurent Office: 713-464-0299
Cell: 713-515-0675

THE NEW ORLEANS GEOLOGICAL SOCIETY MEMORIAL FOUNDATION, INC.

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 June 30, 2010. Your individual support in any amount will help meet the IRS Guidelines for our Foundation. *Thanks!*

\$15,000 AND ABOVE

Olga Braunstein Succession
Gibbet Hill Foundation

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

\$10,000

George W. Schneider, Jr. and Family
In Memory of George W. Schneider, Sr.

\$7,000 TO \$9,000

Paul C. McWilliams

\$2,000 TO \$3,000

NOGS Golf Tournament May 2009
In Memory of Bill Craig

\$250 TO \$499

Carlo C. Christina
In Memory of Al Gilheath
Fotiades Mineral Interests
Julie Fotiades, Joan Fotiades
Evelyn Fotiades Poulos
In Memory of George W. Schneider, Sr.
Kathy King Family
In Memory of George W. Schneider, Sr.

Bill Schneider Family
In Memory of George W. Schneider, Sr.
Susan King Family
In Memory of George W. Schneider, Sr.
John C. Kucewicz, Jr.
In Memory of Bill Craig.

UP TO \$249

Donald I. Andrews
In Memory of Ray F. Havard
In Memory of Harlan (Lanny) Northcott
Robert J. Ardell
In Memory of Al Gilheath
In Memory William J. Malin
In Memory of Robert G. Williamson
Mr. and Mrs. Wesley Barton
In Memory of Thomas A. Cullinan
Abraham Biadgelgne
Maurice N. Birdwell
In Memory of Texaco
Irion Bordelon, Sr.
In Memory of Robert G. Williamson
Hilary James Brook
Robin Broussard
Rob Burnett
F. Robert Bussey
In Memory Robert S. Kline
J. Sybil Callaway
Chevron
Matching Funds
Arthur F. Christensen
Ellen F. Clark
Clarence F. Conrad
Marc Cooper
Charley Corona
In Memory of Professor Hubert Skinner
Trudy and Charley Corona
In Memory of Thomas A. Cullinan
In Memory of Robert G. Williamson
Michael A. Danahy
M. R. "Bob" Douglass
In Memory of Jack Read
Merle J. Duplantis

Parrish N. Erwin, Jr.
Exxon Mobil Matching Funds
Niles R. Faulk
David Garner
Laurens Gaarenstroom
Mark J. Gallagher
Peter G. Gray
In Memory of Robert G. Williamson
Angela M. Hessler
Bernard L. Hill, Jr.
Owen R. Hopkins
Dan E. Hudson
Kenneth Huffman
Jeffrey E. Jandegian
Tom Klekamp
Richard G. Klibert
Reuben J. Klibert, Jr.
William J. Malin
Jeannie F. Mallick
George M. Markey, Jr.
Paul C. McWilliams
In Memory of Russell D. "Rusty" Morris
Michael L. Merritt
Robert G. Murphy
In Memory of Thomas A. Cullinan
New Orleans Geological Auxiliary
Nexen Petroleum USA Inc.
Matching Funds
Russell H. Nordwell
Richard A. Olsen
In Memory of Richard W. Boebel
In Memory of Robert W. Sabate'
Teresa M. O'Neill
In Memory of Brian J. O'Neill
Linda and Bill Peirce

FONO FUND

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. 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.

UP TO \$250

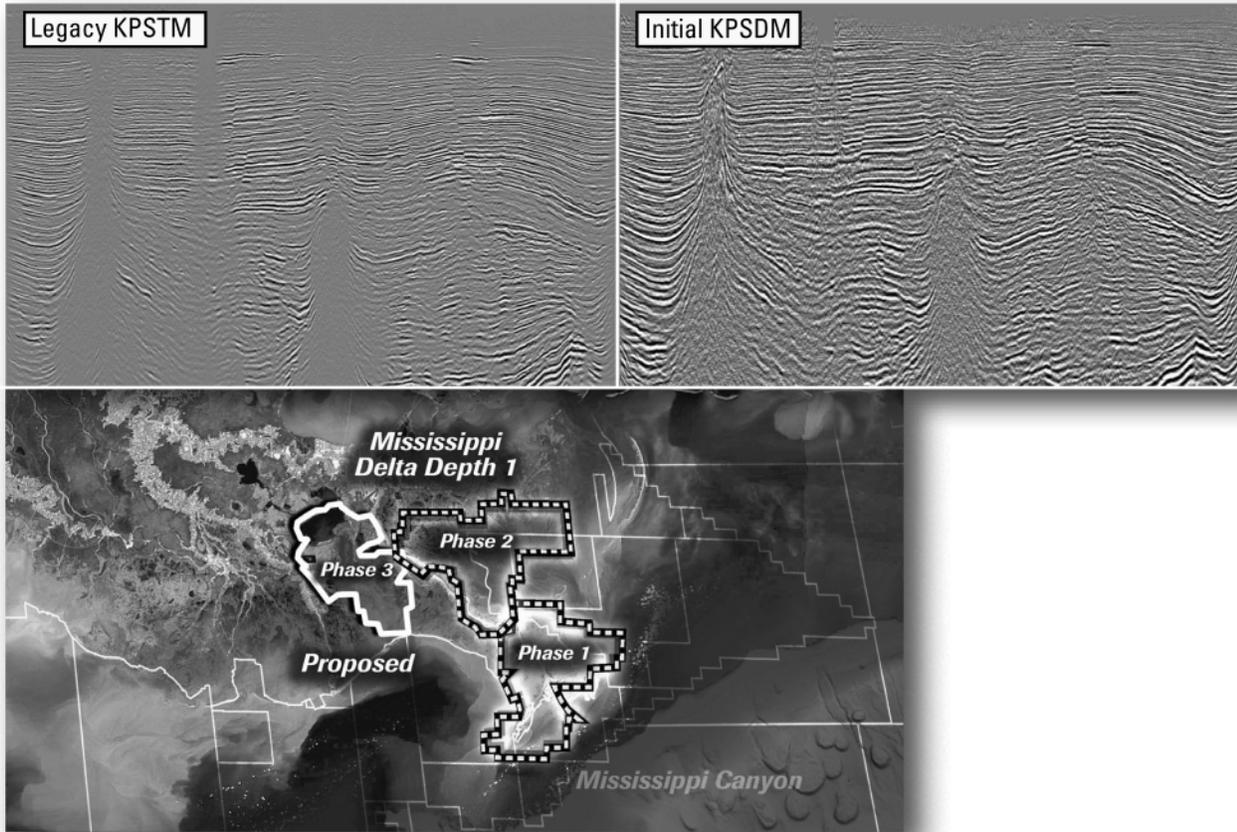
Donald I. Andrews	William J. Malin
Alfred H. Baker Jr.	Jeannie F. Mallick
Joseph E. Boudreaux	James A. McCarty
Hilary James Brook	Robert G. Murphy
J. Sybil Callaway	William J. O'Leary
Clarence F. Conrad	Richard A. Olsen
John Dombrowski	Erwin Parrish, Jr.
Merle J. Duplantis	Linda and Bill. Peirce
Richard A. Edmund	James P. Raymond, Jr.
Mark J. Gallagher	C. R. Rondeau
Duncan Goldthwaite	Rudolf B. Siegert
James A. Hartman	Raymond Stephens
<i>In Memory of Hal Hudson</i>	Roy C. Walther
<i>In Memory of Robert G. Williamson</i>	Robert C. Weissmann
Bernard L. Hill, Jr.	William M. Whiting
Kenneth Huffman	Jim Zotkiewicz
Tom Klekamp	

CONTRIBUTIONS FOR BOTH FUNDS THROUGH APRIL 28, 2010.
DONATIONS ARE LISTED FOR ONE YEAR.

Edward B. Picou Jr.
In Memory of William J. Malin
In Memory of Robert G. Williamson
Mrs. William B. Rodan
In Memory of Robert G. Williamson
Edmund L. Russell
Robert T. Sellars, Jr.
In Memory of Robert G. Williamson
Robert C. Shoup
Rudolph B. Siegert
Daniel L. Smith
Diana "Dee" E. Smith
John D. Silvernail
In Memory of Colles C. Stowell
Dr. J. O. Snowden
Raymond O. Steinhoff
In Memory of Hubert C. Skinner
Stephen Szydlak
Roy C. Walther
William M. Whiting
Armour C. Winslow
In Memory of Rita Menzel Winslow
Frances A. Wiseman
In Memory of Steve Widdicombe
Jim Zotkiewicz

In Memory of Bill Craig
Robin A. Broussard
Chevron
Bernard L. Hill, Jr.
Jeff Jandegian
John C. Scheldt
Candace V. Strahan
In Memory of James Strahan

Improved depth imaging in the Mississippi Delta



In the Mississippi Delta region, WesternGeco is utilizing state-of-the-art processing designed to eliminate fault shadows and enhance deep imaging. The Mississippi Delta - Depth 1 survey, now in progress, incorporates the processing and remigration of twelve legacy surveys covering 1,855 square miles. High-quality time imaging using relative amplitude anisotropic Kirchhoff prestack time migration will be followed by improved structural imaging utilizing anisotropic Kirchhoff prestack depth migration.

To learn more about this and other Multiclient products, call +1 713 689 1000.

www.multiclient.westerngeco.com/la

Multiclient to the Power of E

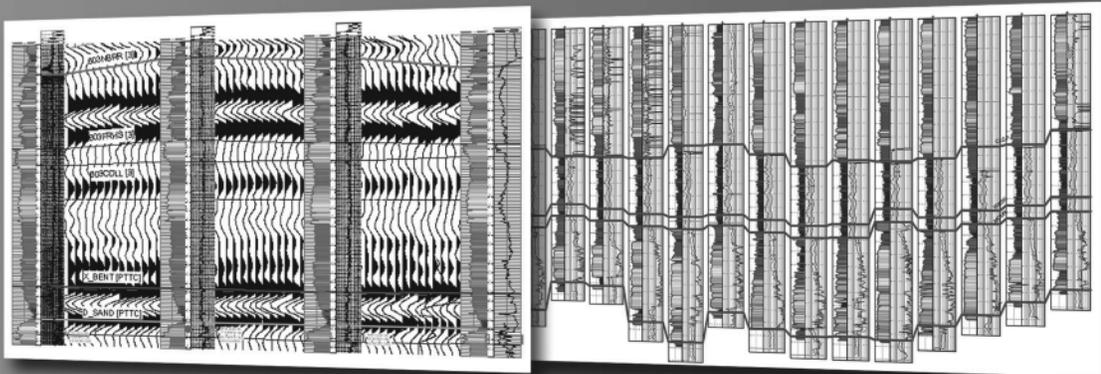


Define your geological model faster than ever before

NO MORE WAITING! Available today from IHS, easy and affordable access to one of the largest U.S. digital log collections

- More than 185,000 LAS files with over 1.5 million curves
- Regional subscription packages for today's active play areas
- Indexed to IHS well and production data
- Linked to the IHS Enerdeq® Browser for quick regional studies and log selection
- Available via IHSLogNet.com or on DVD
- Ready to use in PETRA and other log packages

Request a free 2' x 3' IHS digital log coverage map at ihs.com/energy/DigitalLogs



Use PETRA® to integrate digital log, well, production, perf, seismic and tops data. IHS is the only company to provide you with the complete picture

Why wait? Subscribe today! Call 888.OIL.DATA (645.3282) or e-mail sales.energy@ihs.com



The Source
for Critical Information and Insight™

SAI

Sydboten & Associates, Inc.

*Geological and Geophysical Consulting,
3-D Seismic Interpretation*

Ben D. Sydboten, Jr. CPG

124 Heymann Blvd., Suite 202
Lafayette, LA 70503

Office (337) 234-5288
Cell (337) 234-5491

ATWATER CONSULTANTS, LTD.

REGISTERED AND CERTIFIED PETROLEUM PROFESSIONALS

GEOLOGICAL, ENGINEERING, GEOPHYSICAL,
TRAINING AND EXPERT WITNESS SERVICES

3525 Hessmer Ave, Ste 304
Metairie LA 70002

Tel. (504) 581-6527
Fax (504) 524-7798

"Serving The Oil & Gas Industry Since 1983"

Geological,
Geophysical &
Land Drafting



Anthony Catalanotto
President

Stefani Foster
Drafting & Design

Geo-Draft, Inc.

A Professional Drafting & Graphics Firm

3349 Ridgeway Drive • Suite 202 • Metairie, LA • 70002
Office: (504) 836-2882 Fax: (504) 836-2877 (Cell) (504) 481-7291
E-Mail: geodraft@bellsouth.net
Website: www.geodraftinc.com

NOGS thanks our sponsors for their support:

GOLD LEVEL SPONSORS:

CHEVRON

LA BAY EXPLORATION CO, LLC.

**SPECIAL THANKS TO
DIVERSIFIED WELL LOGGING**

*This advertising space is available!
Contact the NOGS office.*



CIMAREX ENERGY CO.

GULF OF MEXICO REGION
GOM, SE La., N. La., MS, AL

1100 Poydras St.; Suite 1100

New Orleans, Louisiana 70163

Keith Gourgues

Region Manager

504-586-1815 / Fax 504-586-9035

NORTHCOAST OIL COMPANY

610 E. Rutland St.
Covington, LA 70433
(985) 898-3577
(985) 898-3585 FAX

Jack M. Thorson
Eric C. Broadbridge
J. Daryl Gambrell
Raymond W. Stephens

(832) 242-6000 (O)
(713) 917-0493 (O)

(504) 931-7506 (C)
johnjurasin@jurasinoilgas.com

JURASIN OIL & GAS

9700 Richmond Ave., Suite # 124
Houston, TX 77042-4821

JOHN M. JURASIN
President

Cert. Pet. Geologist #4284
Cert. Prof. Earth Scientist #1961

Collarini Energy Staffing

Full-Time and Temporary Personnel

Facilities • Drilling • Production • Reservoir Engineering
Land and Legal • Geoscience • Information Technology •
Health and Safety • Management • Supply Chain
Accounting • Administrative Support

10497 Town and Country Way, Suite 950
Houston, Texas 77024

832-251-0553



www.collarini.com

Collarini Associates

Reservoir Engineering
Oil & Gas Property Evaluation
3-D Seismic Interpretation
Integrated Field Studies

832-251-0160
504-887-7127

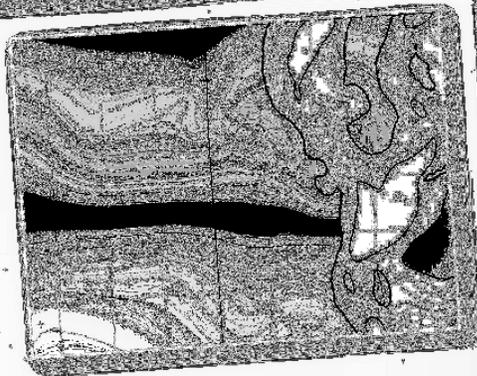
Houston
New Orleans

CALL US **SMT**...

SEISMIC **AND GEOLOGICAL** MICRO-TECHNOLOGY
JUST TAKES TOO LONG TO SAY!

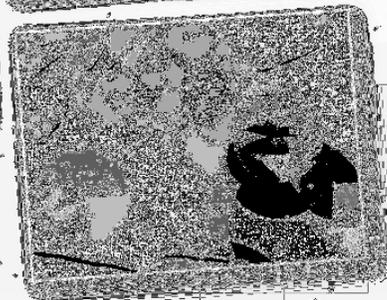


NEXT GENERATION GEOLOGY



KINGDOM Integrates

- Structural Frameworks
- 3D Geomodeling
- Economic Analysis
- Production Forecasting



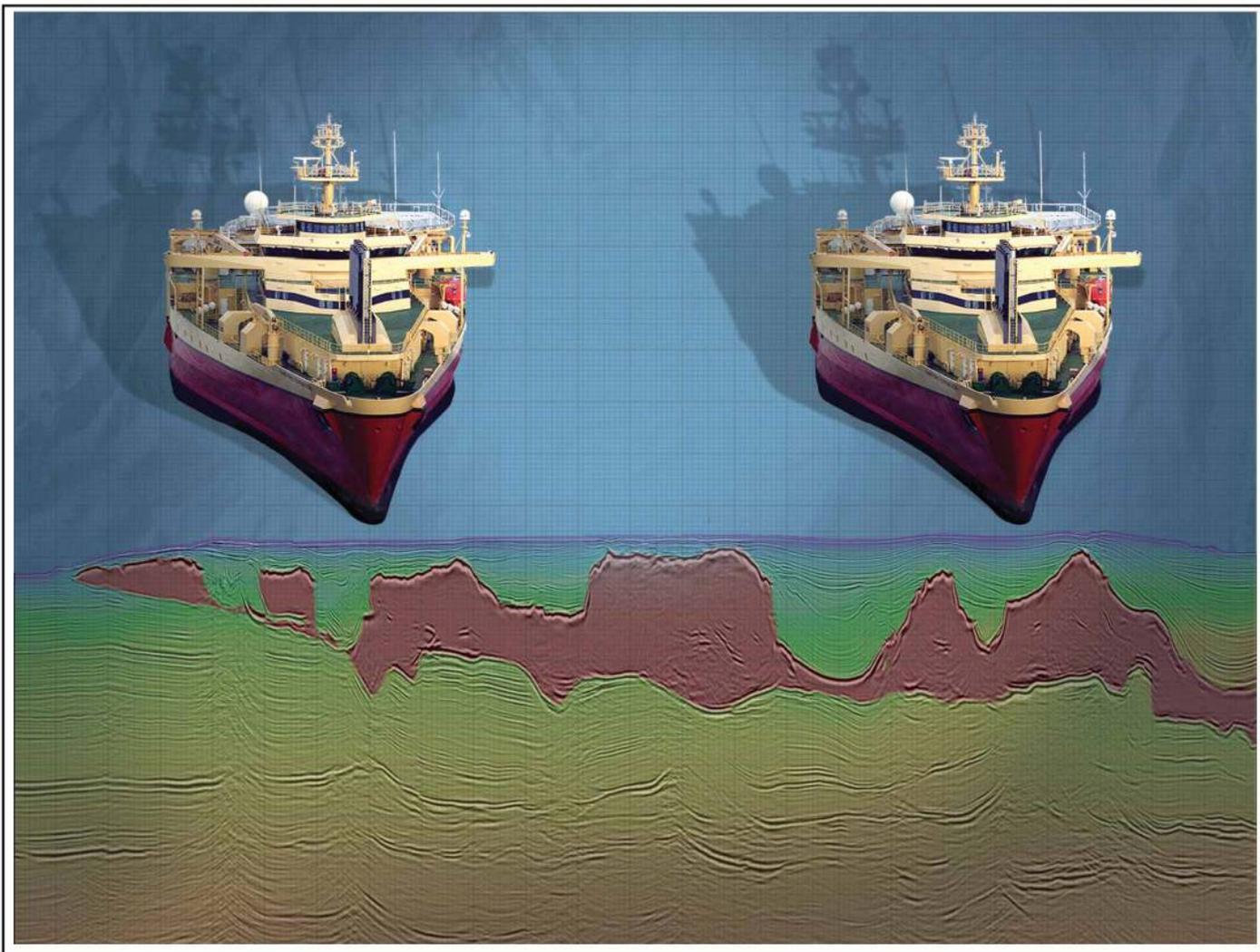
HAMMER THE COMPETITION

See your new tools at www.seismicmicro.com/geology

<p>ANSYTHE Donald I. Andrews</p>  <p>504-887-3432</p>	<p>H. WARREN BELL Oil and Gas Exploration</p> <p>2500 Tanglewilde, Suite 485 Houston, TX 77063-2126</p> <p>Bus (713) 266-7297 Fax (713) 266-7298</p>
<p>THE BOEBEL COMPANY Oil and Gas Investments</p> <p>170 Broadway Street, Suite 321 New Orleans, LA 70118</p> <p>(504) 866-4313</p>	<p>PHELPS GEOSCIENCE Onshore Gulf of Mexico Geology and Geophysics Prospect Generation and Evaluation</p> <p>Houston, TX jsfphelps@yahoo.com (281) 398-5208</p>
<p>BOO-KER OIL & GAS CORP. Gray S. Parker</p> <p>826 Union, Suite 300 New Orleans, LA 70112</p> <p>Bus. (504) 581-2430 Fax (504) 566-4785</p>	<p>RAFIDI OIL AND GAS, INC. Jaser N. Rafidi, President</p> <p>4415 Shore Dr., Suite 202 Metairie, LA 70006</p> <p>Bus. (504) 722-2942 Fax (504) 888-5539; Res. (504) 888-1661</p>
<p>C & R EXPLORATION, INC.</p> <p>Carlo C. Christina Lawrence G. Ringham</p>	<p>ROY C. WALTHER Petroleum Geologist</p> <p>2421 Prancer Street New Orleans, LA 70131</p> <p>Bus. (504) 392-8513 Res. (504) 392-9332</p>
<p>C. R. RONDEAU Petroleum Geologist</p> <p>119 W Southland Ave. Ironwood, MI 49938</p> <p>Res. (906) 932-4692</p>	 <p>Shoreline Gas Inc. www.shorelinegas.com Full Service Natural Gas Marketing</p>
<p>CLASSEN EXPLORATION, INC. James S. Classen Looking for close in deals</p> <p>P.O. Box 140637 Boise, ID 83714</p> <p>Bus. (208) 854-1037 Fax (208) 854-1029</p> <p>classenllc@msn.com</p>	 <p>625 E. Kaliste Saloom Lafayette, LA 70508</p> <p>16800 Greenspoint Dr., Suite 225-S Houston, TX 77060</p> <p>www.StoneEnergy.com</p>
<p>D-O-R ENGINEERING, INC. 3-D and Geoscience Services</p> <p>6161 Perkins Rd. P O Box 80812</p> <p>Bus : (225) 765-1914 Baton Rouge LA 70898</p>	<p>TONY CAROLLO Consulting Geologist Unitization Geosteering Field Studies</p> <p>1701 Peach Street Metairie, LA 70001</p> <p>Bus. (504) 885-0004 Res. (504) 885-6829</p>
<p>EDWARD B. PICOU, JR. Consulting Micropaleontologist - Retired</p> <p>228 St. Charles Ave., Suite 1330 C New Orleans, LA 70130</p> <p>Bus. (504) 529-5155 Res. (504) 282-3096</p>	<p>Zot Oil & Gas, LLC Jim Zotkiewicz Prospect Generation and Evaluation</p> <p>3200 Ridgelake Dr. Suite 207 Metairie, LA 70002-4930</p> <p>Business: 504.831.4694 Email: jimzot38@zotoil.com</p>

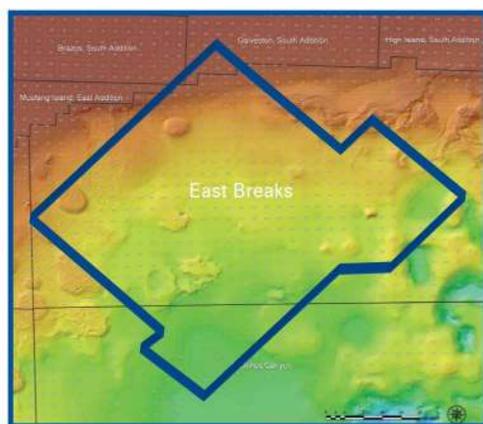
NOGS Booth - AAPG 2010:
Willis Conatser and Carlo Christina ready to welcome guests and answer questions about the new "Oil and Gas Fields of South Louisiana 2010."





Crystal III, East Breaks

MultiClient Wide Azimuth



- **Size** - 480 OCS blocks
- **Focus** - Sub-Salt Miocene & Paleogene
- **Technology** - TTI Beam and RTM Imaging
- **Delivery** - Available Q4 2010

Houston
Tel: +1 281 509 8000
Fax: +1 281 509 8500

Oslo
Tel: +47 67 52 6400
Fax: +47 67 52 6464

London
Tel: +44 1932 37 6000
Fax: +44 1932 37 6100

A Clearer Image
www.pgs.com



NEW ORLEANS GEOLOGICAL SOCIETY



810 Union Street, Suite 300
New Orleans, LA 70112-1430

WWW.NOGS.ORG

**MARINE PROPERTIES, LLC
BERKSHIRE EXPLORATION CO.**

MONTE C. SHALETT, CPL, PRESIDENT

3030 Lausat Street
Metairie, LA 70001-5924

BUS. (504) 831-7779
FAX. (504) 831-8315

PCI

Paleo Control, Inc.

Houston, Texas
713-849-0044

Drilling Wells, Studies and Data Base

Loyd Tuttle

Frio, SE Texas

Bob Liska

Wilcox, S and SE Texas

Jim Thorpe

Miocene and Cam-Miogyp



**SEE YOUR DATA IN A
WHOLE NEW LIGHT!**

Take the pressure out of exploration
and drilling by seeing what you
are going to encounter.



eSeis

www.e-seis.com
713.531.1447

- Lithology & Fluids
- Depositional Facies
- Pore Pressure from V & Q
- Well Planning Consultation

