

NOGS LOG

Official Publication of the New Orleans Geological Society, Inc.

June 2006

Volume 46, Number 8

JUNE AND JULY ACTIVITIES

NOGS Events

June 5 - NOGS Luncheon

Alfred C. Naomi, Project Manager of the U.S. Army Corps. of Engineers, New Orleans District, will present "The Road to Level-Five Hurricane Levee Protection," a program of the Corps plan for storm surge protection for the area.

(See Page 7 for Biography)

LE PAVILLON HOTEL

Check with concierge or
desk for location

Lunch served at 11:30am

ADMISSION:

with reservation \$25.00

without reservation \$30.00

Student Member with reservation Free

June 9 - NOGS Hurricane Season Gris-Gris Party

New Orleans Ladies Ballroom in Gretna

(See Pages 12 and 13 for Announcement and Map)

July 10 - NOGS Luncheon

Ken LeBry of C. H. Fenstermaker & Associates, Inc. will speak on processes and methodologies of shallow hazard identification.

DID YOU PASS THE NOGS READING TEST? DO YOU ACTUALLY READ WHAT WE SEND YOU?

If you do, you will have noticed the NOGS dues in the statement mailed to you. Did you laugh? Did your heart skip a beat? Did you just reach for your checkbook and a pen?

In this post-Katrina age, anything is possible.

However, the NOGS 2006-2007 membership dues are \$25.00, not \$2500. Of course, if you want to pay \$2500, we will never again bother you for dues...ever...promise.



Group photo from the GCAGS mid-year meeting in Lafayette with NOGS members that were in attendance

NOGS Office

Office Manager: Annette Hudson

Office Hours: 8:30am – 3:30pm on Monday-Wednesday-Friday

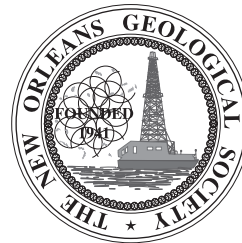
Tel: 504-561-8980 • Fax: 504-561-8988

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 9, 2006.

**BOARD OF DIRECTORS**

		Company	Phone	E-mail
President	Scott A. Wainwright	Mustang Energy	504-889-2700	swainwright@mustangenergy.com
Vice President	Robert G. Murphy	ORX Resources, Inc.	504-581-1806	bmurphy@orx.com
Secretary	Tom Hudson	Chevron	504-592-7163	tom.hudson@Chevron.com
Treasurer	David E. Balcer	Chevron	504-592-6725	dbalcer@Chevron.com
President-Elect	Michael N. Fein	W & T Offshore	504-831-4171	lfeinmn1@cox.net
Editor	Paul J. Post	MMS	504-736-2954	paul.post@mms.gov
Director 2006	George H. Rhoads	Chevron	504-592-6873	grhoads@Chevron.com
Director 2007	William Whiting	Consultant	504-947-8495	bootscon@aol.com
Director 2008	Alfred H. Baker, Jr.	Beacon Exploration, LLC	504-836-2710	abaker1006@aol.com

COMMITTEE

	Chairperson			
AAPG Delegates	Thomas C. Bergeon	Shell	504-728-6480	thomas.bergeon@shell.com
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
Advertising-Log	Timothy J. Piwowar	Shell	504-728-4066	Tim.Piwowar@shell.com
Awards	Michael N. Fein	W & T Offshore	504-831-4171	lfeinmn1@cox.net
Ballot	David E. Balcer	Chevron	504-592-6725	dbalcer@Chevron.com
Best Paper	David E. Reiter	Dominion E & P Inc	985-893-8072	david_e_reiter@dom.com
Continuing Education	Jeanne F. Phelps	Phelps Geoscience Serv.	504-931-5651	pgeoserv@bellsouth.net
Employment Counseling	TBA			
Entertainment	Michael N. Fein	W & T Offshore	504-831-4171	lfeinmn1@cox.net
Environmental	Don Evans	Murphy Expro USA	504-561-2497	don_evans@murphyoilcorp.com
External Affairs	Michael A. Fogarty	Pennant Exploration	504-891-5400	mfogarty@seismicmicro.com
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	Energy Partners Ltd	504-799-4811	breilly@eplweb.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

NOGS LOG STAFF

Editor	Paul J. Post	MMS	504-736-2954	paul.post@mms.gov
Editor-Elect	Robert Rooney	CLK Energy	504-529-6100	rrooney@clkenergy.com
Auxiliary	Mary Petrocco	NOGA	337-828-5055	Petrocco@msn.com
Calendar	Ryan M. Ott	Chevron	504-592-6803	ottrm@Chevron.com
Info Tidbits	Robert Rooney	CLK Energy	504-529-6100	rrooney@clkenergy.com
Drill Bits	TBA			
Webmaster	R. David Phelps	Phelps Geoscience	504-486-3225	dpgeostat4u@aol.com

NOGS AUXILIARY**Officers**

President	Beverly Kastler	Phone
1st Vice-President	Linda Peirce	504-286-0879
2nd Vice-President	Susie Baker	504-393-7365
Secretary	Judy Lemarie'	504-466-4483
Treasurer	Peggy Rogers	504-393-8659
Parliamentarian	Carol Andrews	504-392-6323
Member-at-Large	Pam Heffner	504-887-3432
		337-828-5055

Directors

June Perret	Year	Phone
2006		504-288-3407
Judy Sabatè	2006	504-861-4335
Mary Walther	2006	504-392-9332
Peggy Campbell	2007	504-283-2505
Ann Gilbert	2007	504-889-2104
Dolores Murphy	2007	504-393-0878

--- NOGS Contact List continued on page 8---



from the President

I just finished spending a beautiful Monday afternoon at Money Hill Golf and Country Club, playing in the 2006 NOGS Golf Tournament. Hat's off to Tournament Chairman Jeff Jandegian and his volunteers for organizing a really wonderful tournament in a short period of time. We had an excellent turnout. It was a great opportunity to get away from the daily grind and spend some time with friends and colleagues. I want to thank Diversified Well Logging for sponsoring the food, Halliburton for sponsoring the drinks, and all of the other sponsors who came out and donated door prizes and anything else that we needed. The tournament could not have been such a success without you. Now, if I could only learn how to actually play golf, then I would really have a good time.

For the majority of NOGS members involved in the oil and gas industry, what an interesting time it is. Commodity prices are at or near record highs. Industry profits are through the roof, and talk of windfall profit taxes echoes in the halls of Washington. I watched with great interest a few days ago an interview by Matt Lauer of the Today Show with ExxonMobil Chairman and CEO Rex Tillerson, in which Mr. Tillerson was going to answer questions about why gasoline prices and ExxonMobil's profits are so high. I had heard good things about Mr. Tillerson's ability to speak eloquently and handle tough questions. Matt Lauer was quick to thank Mr. Tillerson for agreeing to the interview, stating that his counterparts with other major oil companies would not accept NBC's invitations. Unfortunately, at the end of the interview, I sat disappointed at another opportunity lost by the industry to try to explain its current realities and complexities. While Mr. Tillerson is a very good speaker and an excellent representative of the industry, I felt he failed to directly answer many of Matt Lauer's questions and missed opportunities to better explain in simple terms the basic factors affecting both gasoline prices and industry profits today. Our politicians in Washington have done a great disservice to the American people by letting us believe

that we are entitled to cheap energy. Instead of demonizing the industry, the industry should be applauded for having been able to supply this country with its energy needs at such a reasonable price for so many years. Unfortunately for us today, forces outside of the control of the industry have begun driving up basic commodity prices. This is the foundation for all of the issues being discussed daily. High prices for oil and natural gas are the reason for the record profits of the oil companies now reporting their earnings, not the price of gasoline. Everyone daily sees the price of gasoline, and when they fill their vehicles they see their money going to an oil company. Consequently, gasoline prices have everyone up in arms. However, the fact is that oil and gas companies currently have nothing to do with setting the price of oil and natural gas. It was not that long ago that oil prices actually dipped below \$10.00 per barrel. In a commodity based business there will be years that you make money and years that you won't make money. What needs to be pointed out is that as commodity prices have risen, so have the costs associated with finding and producing that commodity. Drilling and producing costs are also at, or near, record highs, driving the risk dollars necessary to explore for and produce oil and gas to levels that I have not seen in my career. The following information comes from ExxonMobil's website. Fifty-three percent (53%) of the price of gasoline comes from the cost of crude oil, and 20% comes from taxes, leaving 27% for manufacturing, marketing and profits. In 2005, the oil and gas industry earned, on average, 8.5 cents for each dollar in sales, slightly more than the 7.7 cents per dollar average for U.S. industry. Maybe I'm biased, but these hardly sound like windfall profits to me.

It's hard to believe, but this is the last President's Letter that I am writing. This is one of the few pieces of official business I have left as President of NOGS. It's been a whirlwind four months; difficult, and at times a little

continued on page 11

June 5 Luncheon Presentation

The Road to Level-Five Hurricane Levee Protection

presented by

Alfred C. Naomi

Project Manager of the U.S. Army Corps. of Engineers, New Orleans District

BIOGRAPHY

Al Naomi is a senior project manager for the New Orleans District, U.S. Army Corps of Engineers. He has been a project manager in the Planning, Programs and Project Management Division for the past 14 years. During his career, which began in 1971, Naomi has worked on most of the major Corps projects in the New Orleans District.

Currently, Al is responsible for the design and construction of three projects totaling more than \$1.5 billion: the Lake Pontchartrain and Vicinity Hurricane Protection Project, the Mississippi River Ship Channel Project and the Davis Pond Freshwater Diversion Project. He has recently been given the

responsibility of preparing a study for the protection of Southeast Louisiana against Category 4 and 5 hurricanes.

Al graduated from the University of Louisiana at Lafayette with a bachelor's degree in civil engineering in 1971, and earned his master's degree in engineering from Tulane University in 1975. He is a registered professional engineer in the state of Louisiana.

Al is a native of Lafayette. He and his wife, Jocelyn, reside in River Ridge. They have one son, David.

THE LUNCHEON RESERVATION DEADLINE IS MAY 31, SO CALL THE NOGS OFFICE - TODAY!

“And Looking Ahead...”

The next luncheon will be July 10. Ken LeBry of C. H. Fenstermaker & Associates, Inc. will speak on processes and methodologies of shallow hazard identification. Contact the NOGS office at 561-8980 or use the e-link on the NOGS website (www.nogs.org) to make your reservation.



NOGS representatives
that attended the GCAGS
mid-year meeting

**Please support all of the *NOGS LOG* advertisers.
Visit their advertisements at www.nogs.org!**

<p>A2D Technologies Albert P. Brown, P.G. Ansythe Exploration Co., Inc. Atwater Consultants, Ltd. Boo-Ker Oil & Gas Corporation C & R Exploration, Inc. C. R. Rondeau ChevronTexaco Cimarex Energy Co. Classen Exploration, Inc. Collarini Associates Collarini Energy Staffing Inc. Colles C. Stowell Core Laboratories D-O-R Engineering, Inc. Diversified Well Logging Inc. Dominion Exploration & Production, Inc. Edward B. Picou, Jr. El Paso Production Endeavor Natural Gas, LLC Fairfield Industries Fugro Robertson, Inc. Geo-Draft, Inc. H. Warren Bell Jurasin Oil & Gas</p>	<p>Marine Properties, Inc. & Bershire Exploration Co. McMoRan Oil & Gas Murphy Exploration & Production Company Northcoast Oil Company Omni Laboratories. Inc. Paleo Control, Inc. Paleo-Data, Inc. Pathfinder Energy Services, Inc. Pel-Tex Oil Company, LLC PGS Marine Geophysical NSA/PGS Onshore R. W. Boebel Rafidi Oil & Gas, Inc. Reef Exploration, Inc. Roy C. Walther Rudolf B. Siegert Schlumberger Seismic Exchange, Inc. Shell Exploration & Production Company Shoreline Gas Inc. Stone Energy Corporation TGS - NOPEC Tony Carollo Total Biostratigraphic Services, Inc. Western Geco</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

NOGS CONTACT LIST

--- continued from page 3 ---

MEMORIAL FOUNDATION

BOARD OF TRUSTEES

		Company	Phone	E-mail
2005-06 Chairman	Brenda E. Reilly	Energy Partners Ltd	504-799-4811	breilly@eplweb.com
2005-06 Secretary	Scott A. Wainwright	Mustang Energy	504-889-2700	swainwright@mustangenergy.com
2005-06 Trustee	Reese Pinney	Gulf South Operators	504-566-9802	rbpinney@bellsouth.net
2005-06 Trustee	David E. Reiter	Dominion E & P Inc	985-893-8072	david_e_reiter@dom.com
2006-07 Trustee	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
2006-07 Trustee	Robert W. Sabate'	Energetix Petroleum LLC	504-861-4335	saboil@aol.com
2007-08 Trustee	TBA			
2007-08 Trustee	TBA			

AAPG DELEGATES

Term Ends

2006	Tom Klekamp	El-Can Exploration	985-626-5808	klekamp@bellsouth.net
2006	Robert G. Murphy	ORX Resources, Inc.	504-581-1806	bmurphy@orx.com
2006	Lisa Rhoades Goggin	Chevron	713-754-3604	LRhoades@Chevron.com
2006(a)	John Jurasin	Jurasin Oil & Gas	504-831-8874	JohnJurasin@jurasinoilgas.com
2006(a)	Brian J. O'Neill	Shell	504-728-4351	brian.oneill@shell.com
2007	Thomas C. Bergeon	Shell	504-728-6480	thomas.bergeon@shell.com
2007(a)	J. Stephen Tissue	Chevron	504-592-6030	stevetissue@Chevron.com
2008	Irion Bordelon, Jr.	Cimarex Energy	504-586-3023	lbordelon@cimarex.com
2008	Carol Rooney	Consultant Geologist	504-835-1909	
2008(a)	James Cearley III	Chevron	504-592-6661	james.cearley@chevrontexaco.com
2008(a)	Arthur T. Cerniglia	CIG Exploration	504-780-0097	cigexploration@yahoo.com



This is my last issue as editor of the NOGS Log. Many of you are probably thanking the god of your choice. Tom Hudson turned over to me a well organized, readable NOGS Log. Things changed post-Katrina. Hopefully, I did not damage things too badly for Robert Rooney who succeeds me next month.

Post-Katrina we tried to more closely link the NOGS Log and website as printing and mailing are less easily done than pre-Katrina. This relationship between our print and electronic media should become even closer in the future so that our members can access news and information quickly and easily. More importantly, with this linkage our advertisers, without whom nothing could be done, will receive the best exposure to our membership for their advertising dollars that we can provide.

To the presidents, vice presidents, contributors, NOGA secretaries, and others whom I have hassled as deadlines neared, and whose written words I edited; thank you for putting up with me. One of my goals was making what you wanted to say clearer, and you sound better. Within this context, I tried not to take things too seriously. None of this could have been done without the patience and skill of Jannette Sturm-Mexic who does the NOGS Log layout and design, and post-Katrina assumed the same for the NOGS website; and Annette Hudson to whom everyone in NOGS looks for advice, guidance, and just about everything else that makes our organization function. Ladies, my sincere thanks. I appreciated the opportunity to serve as editor; it was an interesting, challenging, and above all, an enjoyable year.

Paul Post

President's Letter, continued from page 5

overwhelming, yet very gratifying. At the time I took over for Bret Hampton, I had very little experience in the administration of NOGS, and the thought of taking over at such a difficult time from someone with the history of accomplishments and passion for NOGS that Bret had was a bit intimidating. At this time, though, the future seems quite bright. There are some very basic questions that have to be answered, such as exactly how many members does NOGS still have. However, attendance at NOGS functions has been very good, and every month more companies and people return to the city. I believe that the future of NOGS leadership is in very good hands. Personally, one of the most satisfying things that I will take from my brief time as President is the depth of feeling and commitment from so many people who believe in NOGS, what it has to offer the geological community in New Orleans, and the time and energy they are willing to spend



Dr. Matt Totten,
May NOGS Luncheon Speaker

in making sure that NOGS is a success. One such person is President-Elect Mike Fein. Mike has boundless energy and enthusiasm for NOGS, and is just the right person for leading NOGS in the coming year. I want to wish Mike and all of the incoming officers the very best. In closing, I want to thank all of this year's officers, directors, committee chairmen, and especially Bret Hampton and Annette Hudson for helping me get through these last four months. It's been an honor.

Scott Wainwright

**Join NOGS in putting the
Gris-Gris on Hurricane Season**



NOGS is hosting a Party

**Friday, June 9th
7:30-10:30 PM**

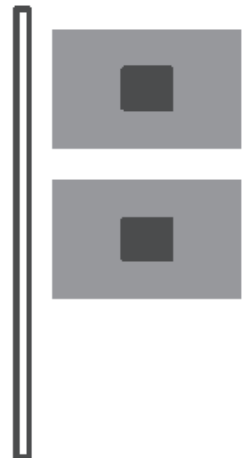
At the New Orleans Ladies Ballroom
1771 Stumpf Blvd, Gretna LA - see map on next page

Enjoy a Grand Buffet
with Shrimp Pasta Alfredo, Seafood Gumbo, Creole Jambalaya; Fruit and Fromage; Vegetable
Crudités; Hot Dips; Large Selection of Hot and Cold Hors D'oeuvres, and

OPEN BAR

There will be music to ring in the hurricane season!
Lots of surprises! Large well-lit parking!

All this for only \$35 per person!
Call the NOGS office for reservations, 561-8980
or e-mail info@nogs.org



We Need Your Help to Get a Commemorative Stamp to Mark the 150th Year of the American Oil Industry

During the annual Oil History Symposium that took place April 20-22nd in Wichita, Kansas. A representative of the Oil Region Alliance provided information concerning a petition drive to the United States Citizen's Stamp Advisory Committee in support of a postage stamp for the year 2009 to commemorate the 150th anniversary of the American Oil Industry. A stamp was issued in 1959 commemorating the centenary of the first oil well in Titusville, Pa.

Jeff Spencer (jspencer@blackpoolenergy.com) volunteered to spearhead the petition drive in the Houston and New Orleans geoscience communities. He can provide an electronic version of the petition that can then be printed, circulated & signed, and then either returned to him, or mailed directly to the Citizen's Stamp Advisory Committee. Ideally, a representative or two from each of the majors and large independents should contact Jeff at the e-mail above to receive the petition, print it out, and circulate it amongst their co-workers.

Jeff would be glad to provide any information regarding the Oil History Symposium/Petroleum History Institute to members. Please help Jeff insure that our industry receives the commemoration it is due.

Map to NOGS Hurricane Gris-Gris Party at the New Orleans Ladies Ballroom in Gretna



- ✎ **DNR and LSU build vessel to conduct marine surveys:** The Coastal Profiler is its name, and surveying is its game. The custom-made research vessel constructed by the state Department of Natural Resources (DNR) for the Coastal Studies Institute (CSI), Louisiana State University, will enhance the state's capabilities of conducting marine surveys. It was first launched one day before Hurricane Katrina hit, but was celebrated in October of this year when it was turned over to LSU's institute to be used for gathering marine research information.

The idea of investing in a shallow-draft boat for sonar mapping in shallow bay areas along the coast began with DNR geologist Syed Khalil, who works in the coastal restoration division. After presenting a proposal to DNR Deputy Secretary Randy Hanchey in 2004, construction started soon thereafter with assistance from Dr. Harry Roberts of CSI at LSU.



According to Khalil, the research vessel is equipped with state-of-the-art geophysical instruments needed for geophysical surveys (DGPS, fathometer, sub-bottom profiler, side-scan sonar). It also features the latest sub-bottom profiler for seismic survey.

The boat is 41 feet long and 16.5 feet wide with 3 feet of draft, and is run by two 450 HP engines. The \$320,000 cost of the Profiler was provided by the Coastal Impact Assistance Program (CIAP) fund. The vessel can operate in the shallow water of the bays as well as the deeper waters the Gulf of Mexico. Khalil says the vessel will pay off its construction cost within a few years, and it will be available when needed, thereby avoiding the need to contract out for a boat.

The Coastal Profiler will conduct marine geophysical surveys for exploration of offshore sand deposits much needed for coastal restoration. In addition, surveys will be taken to delineate oyster leases, for identifying faults, or for locating where pipelines are. The evaluation of sand resources from the Ship Shoal protraction area is among the first surveys to be undertaken by the new vessel.

DNR and LSU officials visit with news media on the Coastal Profiler in October 2005.

Source: www.dnr.louisiana.gov

For more information, contact the DNR Public Information Office at 225-342-8955.

- ✎ **Hydrogen Fuel:** Much discussion these days concerns the use of hydrogen as a fuel source. Where the hydrogen will come from is the subject of much research and developmental work. The three basic processes, identified by the Department of Energy, for the isolation of hydrogen are Thermal, Electrolytic, and Photolytic. Thermal processes include reforming of natural gas (how about 95% of current hydrogen is generated), gasification of coal, gasification of biomass, reforming of renewable liquid fuels, and high temperature water splitting. Electrolytic processes use electricity to split water into hydrogen and oxygen. This process can result in zero CO₂ emissions if renewable sources of electricity are used, or in nuclear high temperature electrolysis. Photolytic processes include photobiological water splitting which utilizes organisms such as algae and cyanobacteria, and photoelectrochemical which utilize semiconductors and sunlight to split water into hydrogen and oxygen.

To find out more about hydrogen fuel cell technology, visit the Department of Energy's website at: <http://www1.eere.energy.gov/hydrogenandfuelcells/>

- ✎ **Some Useful Websites:**

Online access to offshore lease files, directional surveys, G&G permits, exploration plans, and other public information is accessible through a simple query system through the MMS website at the following link: <http://www.gomr.mms.gov/WebStore/pifront.asp>

Online units conversion website: <http://www.convert-me.com/en/>

Robert Rooney

They are back!!! Dinosaurs return to New Orleans

The NOGS dinosaur collection has recently returned to its home at One Shell Square on Poydras Street. The collection weathered the storm on the 32nd floor of the Shell Building. However, with building repairs and access extremely limited until late January, like the rest of us, the collection had to find a temporary post-Katrina home. Long-time NOGS member and retired Chevron geologist, John Karpa, was gracious enough to house the collection at his home across the lake in Robert, La. where it resided until April. While the collection was in Robert, John gave several talks at North Shore schools. Bernie Regel of Chevron recently retrieved most of the collection, and used it in late April for the first talk given in Jefferson Parish, to pre-K kids at Saint Mary Magdalen. In early May, Michael De Groot of Shell used the collection to give the first talk in Orleans Parish to pre-K and K kids at Saint George's. Since Tom Bergeon is still in Houston, Brian O'Neill of Shell has stepped up to take care of the collection. Brian can be contacted at 504-728-4351 to obtain access to the collection for use in school outreach functions.



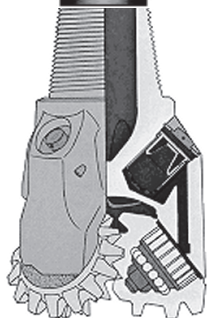
The purpose of the NOGS outreach collection is to encourage interest in, and to aid in teaching our children about, dinosaurs. The collection has support documentation and is set up for easy use by any member of NOGS for outreach at schools, organizations, scouts, etc. Included are dinosaur bones, fossils, traces, casts, molds, books, and toys. In addition, NOGS has others fossils, rocks, minerals, and even an oil-finder game to aid any member in using as teaching aids.

Plans are under way for a Fall Super Science Saturday in October at the Louisiana Children's Museum. This would be the 8th year - with only a 6-month delay from our regular spring time slot. It is encouraging to see our outreach efforts coming together in the post-Katrina era.

NOGS would like to thank John and Brian for stepping up when the dinosaur collection was in need.



Eric and Bernie Regel with Doug Hill at Super Science Saturday 2002



South Louisiana and Offshore Exploration and Production Activity

- **Noble Energy, Inc.** announced preliminary drilling results for the Redrock prospect (Mississippi Canyon Block 204 #1) in the Gulf of Mexico on April 12. High-quality pay was encountered in one objective, as expected, and pay was identified in a second objective interval. It is premature to estimate resources, the quality and extent of which are currently under evaluation as the partners, Noble Energy (50% and operator), Samson Offshore Company (25%), and Energy Partners, Ltd. (25%) reportedly were performing reservoir modeling on the discovery and intend to carryout further appraisal work this year and in 2007. The lease on MC 204 was acquired by Samedan (Noble) at OCS Sale 182 in March 2002 for a bid of \$526,000. The discovery well was spudded on December 30, 2005 in 3,334 feet of water, and was drilled to a total measured depth of 23,365 feet. Pre-drilling reserve estimates for the prospect were reportedly >90 MMBOE. At the Central Gulf Lease Sale 198 on March 15, 2006, Noble and its partners were the sole bidders, on north adjacent Mississippi Canyon Block 160 with a bid of \$411,840; and west-adjacent Mississippi Canyon 203 for \$475,200. They were subsequently awarded these tracts on March 28. East-adjacent to the discovery, MC 205 was acquired by Burlington Resources (now ConocoPhillips) and Mariner Energy for a bid of \$4,888,888 at OCS Sale 178-1 in 2001.

The partners moved the rig to drill the south-adjacent Raton prospect (MC 248). The Raton well was to spud in April 2006. It is located in 3,379 feet of water, and will be drilled to a total measured depth of approximately 20,000 feet. Drilling operations at Raton are expected to be completed early in the third quarter 2006. Pre-drill prospect reserves are estimated to be >70 MMBOE. MC 248 and west-adjacent MC 247 were acquired by Noble at Lease 194 in March 2005 for bids of \$2,417,069 and \$608,429 respectively.

- **Stone Energy** will be acquired by Plains Exploration & Production Co. in a stock transaction worth \$1.46 billion and the assumption of \$483 million in debt. The boards of both companies approved the merger agreement and agreed to recommend it to their stockholders for approval. Closing is expected during the third quarter of 2006. After closing, Stone stockholders will own 30% percent of the combined company. The combined company would have an estimated proved reserve base of 500 million BOE, of which 80% is oil. Combined assets will be in California, the Gulf of Mexico, Rocky Mountains, and Texas with 207,643 net developed acres and 992,822 net undeveloped acres. Plains plans to issue 34.5 million shares to Stone shareholders. Terms call for Stone shareholders to receive 1.25 shares of Plains stock for each share of Stone stock. At year-end 2005, Stone reported 99 million barrels of oil equivalent (MBOE) of proven reserves located in the Gulf Coast Basin and the Rocky Mountain Region. Stone's proved reserves were 73 percent developed and 42 percent oil.
- **Total**, on April 27, announced successful results from its Alaminos Canyon Block 856 No. 1 well at Gotcha prospect in the Perdido Foldbelt. AC 856 was leased for \$6,350,000, by Elf Exploration Inc (40 percent), Petrofina Delaware Inc (30 percent) and CXY Energy Offshore Inc (30 percent) at OCS Sale 171 in mid-1998. The current interest is Total 70% and Nexen 30%.

Gotcha was drilled in 7,600 feet of water to a total depth of 14,600 feet. It encountered approximately 290 feet of pay in two oil-bearing zones. An appraisal well will be drilled to further assess the extent of the accumulation. Estimated pre-drill

continued on page 26



NOGS Membership News & Information

This is your page. We would like to fill it with your news. In addition to professional news from our members; e.g., promotions, transfers, moves, new employer; etc., we also welcome your success stories. Please e-mail items to log@nogs.org.

Member News: Jeannie Fisher Mallick Accepts New Position At Petrohawk

In March 2006, Jeannie Fisher Mallick, accepted the position of Senior Geologist with Petrohawk Energy Corporation, Houston, Texas, formerly, an independent consultant dba, Excalibur Consulting. Jeannie was elected to Secretary-Editor for the AAPG House of Delegates for the 2006-2007 term at the 2006 AAPG Annual Convention in Houston this past April.



New NOGS Members April 2006

John E. Allen Jr.

Coastal Environments, Inc./USM
Consulting Geologist/Student
1900 E Beach Blvd
Gulfport, MS 39501
228-822-9914

Steven M. Haley

Minerals Management Service
Geologist
1201 Elmwood Park Blvd
New Orleans, LA 70123
504-736-2841

Peter J. McCarthy

Dominion E & P
Geophysicist
1250 Poydras St
New Orleans, LA 70113
504-593-7579

REINSTATED

Ted Wall

Wall Resources
P O Box 250
Madisonville, LA 70447
985-792-1700

SGS Society of Exploration Geophysicists International Exposition and Seventy-Sixth Annual Meeting October 1-6 in New Orleans

The Southeastern Geophysical Society will host the Society of Exploration Geophysicists International Exposition and Seventy-Sixth Annual Meeting in New Orleans, October 1-6, 2006. SGS needs volunteers to help make this meeting a success. Please consider volunteering. You can review the available opportunities to volunteer at <http://meeting.seg.org/evs/meetings.cfm>, or through a link on the SGS web page, <http://www.sgs-neworleans.org/>.

THE NEW ORLEANS GEOLOGICAL SOCIETY MEMORIAL FOUNDATION, INC.

September 1, 2004 through March 31, 2006

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, 2006. 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*

\$3,000 TO \$9,999

NOGS Golf Tournament May 2005

In Memory of Bill Craig

\$500 TO \$1,000

Paleo-Data, Inc.

In Memory of T. Wayne Campbell

Robert J. Ardell

In Memory of T. Wayne Campbell

Robert H. Baillio, Jr.

In Memory of T. Wayne Campbell

Susie and Al Baker

In Memory of Robert J. Ingram

Ray Bane

In Memory of T. Wayne Campbell

Thomas C. Bergeon

Francis X. Bland

In Memory of Al Gilreath

In Memory of Wayne H. Grimes

In Memory of Andy Sestak

In Memory of Burton L. Shullaw

Irion Bordelon Sr.

Hilary James Brook

Elisha A. Buckner

C. Dan Bump

In Memory of T. Wayne Campbell

J. Sybil Callaway

Dain K. Calvin

In Memory of T. Wayne Campbell

Beverly & Carlo Christina

In Memory William B. Rodan

Carlo C. Christina

In Memory of Al Gilreath

Chevron

Matching Funds

Robey H. Clark

James S. Classen

In Memory of T. Wayne Campbell

Clarence F. Conrad

Roger L. Corbeille

Mr. & Mrs. Charles J. Corona

In Memory of I. D. Simpson, Jr.

Charles J. Corona

In Memory of Robert J. Ingram

In Memory of Dorothy Ledet

In Memory of Roy Worrell

Michiel C. de Groot

M. R. "Bob" Douglass

ExxonMobil Foundation

Matching Funds

Michael N. Fein

Richard H. Fillon

Leanne S. French

In Memory of William B. Rodan

Laurens Gaarenstroom

Peter G. Gray

Bret Hampton

Bernard L. Hill Jr.

Dan E. Hudson

Thomas Charles Klekamp

In Memory of Richard E. Heffner

In Memory of Ronnie Youngblood

Reuben J. Klibert, Jr.

Russell J. Landry

In Memory of T. Wayne Campbell

Jack & Beverly Langford

In Memory of Thomas H. "Tom" Philpott

In Memory of William B. Rodan

John C. "Jack" Langford

In Memory of Robert I. "Bob/Spike"

Ballina

In Memory of Robert J. "Bob" Ingram

In Memory of Wade Klibert

In Memory of Charles H. "Charlie"

Ritchey

Michael O. Maler

William J. Malin

George M. Markey, Jr.

In Memory of Max Newsom

Louis L. McCormick

Paul C. McWilliams

Mrs. Lee H. Meltzer

In Memory of Wayne H. Grimes

In Memory of Thomas H. "Tom" Philpott

In Memory of William B. Rodan

Casey R. Mobley

New Orleans Geological Auxiliary

In Memory of Joan Sawyer

Russell H. Nordwell

Richard A. Olsen

William S. Peirce

Edward B. Picou Jr.

In Memory of T. Wayne Campbell

In Memory of Robert J. Ingram

Charles C. Roberts

In Memory of William B. Rodan

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. 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.

\$6,000 AND ABOVE

GCSSEPM Foundation

\$250 TO \$500

Richard W. Boebel

James A. Hartman

UP TO \$249

Donald I. Andrews

Alfred H. Baker Jr.

Joseph E. Boudreaux

Jack G. Bryant

J. Sybil Callaway

T. Wayne Campbell

Anthony Carollo Jr.

Robey H. Clark

Richard P. Colomes

Willis E. Conatser

Roger L. Corbeille

Joffre J. Crouere

Richard A. Edmund

Michael N. Fein

Michael A. Fogarty

Peter G. Gray

Bernard L. Hill Jr.

Dan E. Hudson

Robert J. Ingram

Thomas Charles Klekamp

Reuben J. Klibert, Jr.

Richard G. Klibert

William J. Malin

George Markey, Jr.

Paul C. McWilliams

Robert G. Murphy

Richard A. Olsen

William S. Peirce

James P. Raymond, Jr.

C. R. Rondeau

Robert Rooney

Rudolf B. Siegert

Raymond Stephens

Thomas A. Tucker

Robert C. Weissmann

James W. Yeldell Jr.

Jim Zotkiewicz

CONTRIBUTIONS FROM

SEPTEMBER 1, 2004

THROUGH MARCH 31, 2006

Rhonda Roederer

In Memory of T. Wayne Campbell

Edmund L. Russell

In Memory of Robert J. Ingram

Robert W. Sabate'

George W. Schneider, Jr.

In Memory of William B. Rodan

Tom Schunick

In Memory of T. Wayne Campbell

James A. Seglund

George D. Severson

Monte C. Shalett

Rudolph B. Siegert

In Memory of T. Wayne Campbell

Jackie Small

In Memory of T. Wade Klibert

Dr. J. O. Snowden

Raymond O. Steinhoff

In Memory of Harold E. Vokes

Jack M. Thorson

William C. Ward

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.

John E. Kucewicz, Jr.

Robert Rooney



John C. Scheldt

Rudolph B. Siegert

Dr. J. O. Snowden

William M. Whiting

Luncheon "Roundup" Donations

 <p>Shoreline Gas Inc. www.shorelinegas.com Full Service Natural Gas Marketing</p>	<p>Advertising space is available for the <i>NOGS LOG</i>. Contact the NOGS office for information.</p>
<p>ANSYTHE Donald I. Andrews</p>  <p>210 Baronne St., Suite 822 New Orleans, LA 70112 (504) 522-2575</p>	
<p>BOO-KER OIL & GAS CORP. Gray S. Parker</p> <p>826 Union, Suite 300 New Orleans, LA 70112 Bus. (504) 581-2430 Fax (504) 566-4785</p>	<p>H. WARREN BELL Oil and Gas Exploration</p> <p>2500 Tanglewilde, Suite 485 Houston, TX 77063-2126 Bus (713) 266-7297 Fax (713) 266-7298</p>
<p>C & R EXPLORATION, INC.</p> <p>Carlo C. Christina Lawrence G. Ringham</p>	<p>R. W. BOEBEL Petroleum Geologist</p> <p>1010 Common Street, Suite 2560 New Orleans, LA 70112-1907 (504) 524-4313</p>
<p>C. R. RONDEAU Petroleum Geologist</p> <p>612 S. Beach Blvd. Bay St. Louis MS 39520-4203 Res. (228) 467-3406</p>	<p>RAFIDI OIL AND GAS, INC. Jaser N. Rafidi, President</p> <p>4415 Shore Dr., Suite 202 Metairie, LA 70006 Bus. (504) 722-2942 Fax (504) 888-5539; Res. (504) 888-1661</p>
<p>CLASSEN EXPLORATION, INC.</p> <p>James S. Classen Looking for close in deals</p> <p>P.O. Box 140637 Boise, ID 83714 Bus. (208) 854-1037 Fax (208) 854-1029 classenllc@msn.com</p>	<p>ROY C. WALTHER Petroleum Geologist</p> <p>2421 Prancer Street New Orleans, LA 70131 Bus. (504) 392-8513 Res. (504) 392-9332</p>
<p>COLLES C. STOWELL Oil and Gas Consultant</p> <p>First NBC Bldg., Suite 913 New Orleans, LA 70112 (504) 522-4542</p>	<p>RUDOLF B. SIEGERT Petroleum Geologist</p> <p>P.O. Box 2740, Slidell, LA 70459 (985) 641-4265</p>
<p>EDWARD B. PICOU, JR. Consulting Micropaleontologist - Retired</p> <p>228 St. Charles Ave., Suite 1330 C New Orleans, LA 70130 Bus. (504) 529-5155 Res. (504) 282-3096</p>	<p>STONE ENERGY CORPORATION James H. Stone, Chairman of the Board D. Peter Canty, President & CEO</p> <p>LL&E Tower, Suite 2650, 900 Poydras St. New Orleans, LA 70112-4000 (504) 581-7766</p>
<p>D-O-R ENGINEERING, INC. 3-D and Geoscience Services</p> <p>120 Oil Center Dr., Bldg. 12 P.O. Box 51707, Lafayette, LA 70505 Bus. (337) 233-2378 Fax (337) 233-2907</p>	<p>TONY CAROLLO Consulting Geologist</p> <p>Unitization Geosteering Field Studies 1701 Peach Street Metairie, LA 70001 Bus. (504) 885-0004 Res. (504) 885-6829</p>

Drill Bits, continued from page 19

resources reportedly ranged from 60 to 120 MMBOE. The block is located approximately 140 miles east of the Texas coast. It is west-adjacent to, and perhaps part of, Shell's Great White discovery.

Great White, centered on AC 857, may (according to industry released graphics) include all, or parts of, 8 OCS blocks. The Great White discovery, drilled in 2002, found oil in three main pay intervals. These are a stacked sand series in the Frio, a single pay sand in the Eocene Upper Wilcox, and a thick, sand sequence, partially pay-bearing, in the Paleocene Lower Wilcox. All the sands comprise low- and high-density turbidites with minor debris flow components. However, the composition, texture, and diagenesis vary markedly. Reservoir porosities range from near 40% in the shallow Frio to less than 10% in the Paleocene near TD. Oil properties also vary significantly among the reservoirs at Great White, ranging from low API crude in the Frio to high API crude in the deeper pay section. The entire interval is largely hydro pressured. Key appraisal challenges include understanding variable reservoir quality as well as hydrocarbon distribution and connectivity in the various fault blocks. Great White will reportedly be developed with a spar facility, with production anticipated to begin in 2009-2010. (References available upon request.)

Paul Post