

NOGS LOG



May 2011

Volume 51, Number 6

Upcoming Events and Activities

May 2 - NOGS-SGS Joint Luncheon

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

Holiday Inn Downtown Superdome. Guest speaker William W. "Toddy" Guidry III, of Core Laboratories in Lafayette, will present "Introduction to Reservoir Fluids and PVT Analyses for Geologists."

(See page 7 for Abstract and Biography)

HOLIDAY INN DOWNTOWN SUPERDOME

Check with concierge or
front desk for location

Lunch served at 11:30am

ADMISSION:

with reservation \$30.00

without reservation \$35.00

Student Member with reservation Free

May 3-5 - 27th Annual Louisiana Remote Sensing & GIS Workshop

Hampton Inn & Suites, New Orleans Convention Center.
Info: <http://lagic00.lsu.edu/rsgis>.

June 6 - NOGS Luncheon

Holiday Inn Downtown Superdome. Guest speaker Kimberly L. Faulk, Geoscience Earth & Marine Services (GEMS) in Houston, will present "Marine Archaeology in the Gulf of Mexico."

June 20-24 - SIPES 48th Annual Meeting

Jackson Hole, Wyoming. Info: www.sipes.org

June 23-25 - Oil History Symposium & Fieldtrip

Marietta, Ohio. Info: www.petroleumhistory.org

Get Ahead of the Game



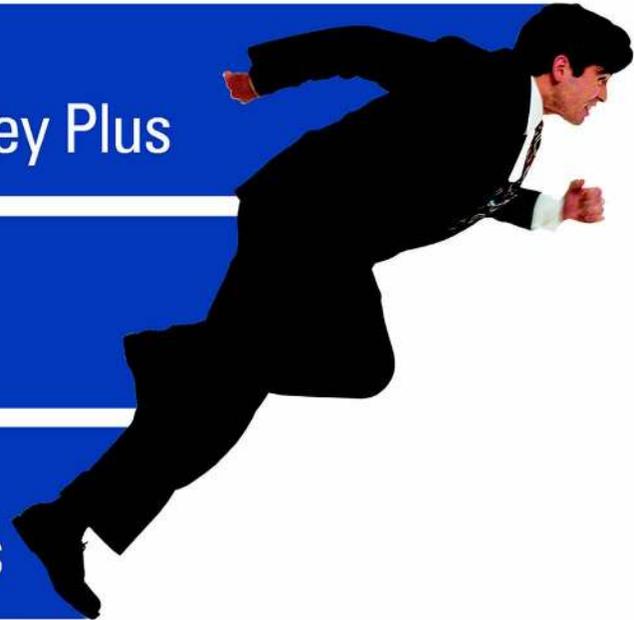
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Office Manager: Annette Hudson
 Office Hours: 8:30 a.m. – 3:30 p.m. on Monday-Wednesday-Friday
 Tel: 504-561-8980 □ Fax: 504-561-8988
 E-mail: info@nogs.org □ Website: www.nogs.org
 The office is located at Suite 300, 810 Union Street, New Orleans, LA 70112.
 Correspondence and all luncheon reservations should be sent to the above address.
 Sent to press on April 22, 2011.



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AAPG Student Chapter	Andrew Ranson	UNO	337-578-5587	aranson@uno.edu
Advertising-Log	Nicole Cammarata	Schlumberger	504-592-5317	ncammarata@slb.com
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Awards	Michael N. Fein	W & T Offshore	504-210-8148	mikef@wtffshore.com
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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	Will Jorgensen	Shell	504-728-6339	william.r.jorgensen@shell.com
Historical	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
Membership/Directoy	Carlo C. Christina	Retired (C & R Expl.)		Carlocc398@aol.com
	Tom Klekamp	Amber Resources	985-845-4046	klekamp@bellsouth.net
New Geoscientists (NGNO)	TBA			
Nominating	Mike Ledet		504-394-9636	mikeledet@cox.net
Non-Technical Education	Duncan Goldthwaite	Consultant	504-887-4377	DGldthwt@aol.com
Office Operations	Tom Klekamp	Amber Resources	985-845-4046	klekamp@bellsouth.net
Publications Sales	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
Photography	Tom Klekamp	Amber Resources	985-845-4046	klekamp@bellsouth.net
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
Sponsorship/Houston	David E. Reiter	Eni Petroleum		david.reiter@enipetroleum.com
Technical Projects	TBA			
Ad Hoc Committee on University Support	Michael J. Gallagher	Eni Petroleum	713-393-6100	Michael.Gallagher@enipetroleum.com

NOGS LOG STAFF

Editor	Fran Wiseman	BOEMRE	504-736-2912	nogseditor@gmail.com
Editor-Elect	David Tatum	Chevron	985-773-6477	davidtatum@chevron.com
Auxiliary	Susie Baker	NOGA	504-466-4483	abaker1006@aol.com
Info Tidbits	Fran Wiseman	BOEMRE	504-736-2912	nogseditor@gmail.com
Drill Bits	Carlo C. Christina	Retired (C & R Expl.)		drillbits81@yahoo.com
Webmaster	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
Layout	Jannette Inc.			

NOGS AUXILIARY

Officers		Phone	Directors	Year	Phone
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1st Vice-President	Alma Dunlap	504-737-2678	Ruth Grimes	2009-11	504-392-8103
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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.

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from the President

NOGS will host GCAGS in 2013!

We are beginning the process of identifying individuals who are capable and interested in serving in a number of capacities and leadership roles on the NOGS 2013 Team. There is much to prepare over the next two years, but we have started. Also, the assistance and documentation from the Continuity Committee for hosting conventions, lead by Ken Nemeth and the GCAGS Board, has significantly increased. Their work will be a big help to us. This is a fantastic opportunity to showcase NOGS, the entire New Orleans geoscience community and the New Orleans area!

Several fellow NOGS members and I were able to join the crowd at this year's AAPG ACE in Houston, Texas. Total attendance at the 2011 AAPG ACE exceeded 8,200! Wow, who says this is a dying industry? Clearly, we are back and gaining strength to exceed our past accomplishments. Our "pond out back," commonly referred to as the Gulf of Mexico, has seen some recovering drilling activity recently with much more likely yet this year! The land rig count is high, and general activity is, too. However, the clear bind is people, especially senior, experienced ones. This is the very demographic which is seriously considering retirement. Most organizations have reduced staff to the point that employees are doing what was two and three people's work. Companies are now trying to hire and add staff to get back in the game. This means employment opportunities for both experienced and junior geosciences professionals alike.

Speaking of employment, Andrew Ranson, this past year's UNO AAPG Student Chapter president, has come up with a good suggestion which the Board of Directors recently passed for implementation. The suggestion is that NOGS could be a means for companies to hire geoscience students for summer employment either as formal internships or less restrictive employment arrangements, including part time work. This would afford some relief from the overload just mentioned above as well as provide work experience for a group of highly interested young professionals eager to learn. So please NOGS members and NOGS-represented companies contact the NOGS office with any openings for summer or internship employment within your organization. The complete details of this program will be forthcoming.

Thanks to all our members who volunteered helping to facilitate our booth at AAPG ACE 2011 under the direction of Carlo Christina and Charlie Corona. We were able to sell a good number of CDs of the 2010 Oil and Gas Fields of South Louisiana, 2010, as well as some of the color printed versions.

Lastly, please join me in remembering one of our members who has passed. Max Durham Jr., a long-time NOGS member, died on Monday, April 19th and was buried in Hammond, LA. Max, eighty-one years old.

God bless,

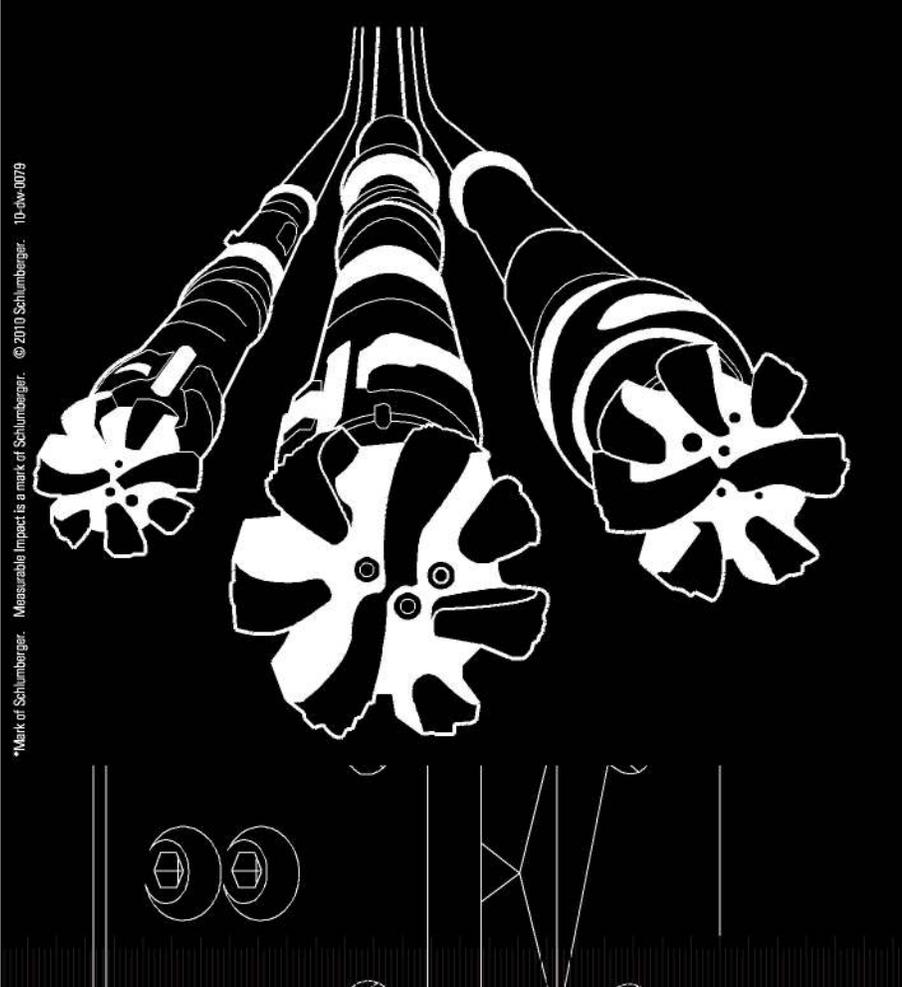
Rick

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May 2 NOGS-SGS Joint Luncheon Presentation

At the Holiday Inn Downtown Superdome

Introduction to Reservoir Fluids and PVT Analyses for Geologists

presented by

William W. "Toddy" Guidry III

Core Laboratories, Lafayette, LA

ABSTRACT

The need for good, representative reservoir fluid samples is critical to the effective design and operation of any development project. The decision to build and deploy production facilities exposes producers to several billion dollars of investment risk and a solid understanding of formation fluids right after discovery plays an essential part in mitigating that risk. Whether obtaining formation test tool samples from 20,000 feet or surface separator samples, fluid analysis provides the ammunition needed for more efficient use of assets.

The "big picture" may include many separate investigations, including determining drive mechanisms, formation rock properties, geophysical properties and formation fluid properties. Fluids analysis provides data critical to predicting well and

reservoir performance, fluid quality assessment, surface and subsea facilities and design fluid quality assessment for determining market price. These data also can provide vital information on what hardware will be needed, including metallurgy for wells and production facilities, valve sizes and type, maximum flow line length and optimum diameters for subsea tiebacks as well as a host of other factors in deepwater development.

Many times the only exposure that geologists get to fluids is hearing the reservoir engineer talk about getting "PVT samples." This presentation will touch on the main points of fluids behavior, sampling and analyses and cover experimental methods performed as part of the blueprint for a comprehensive fluids program.

BIOGRAPHY

Toddy Guidry is senior Technical Advisor for The Petroleum Services Division of Core Laboratories, based in Lafayette. Toddy has a MS in Mathematics from the University of Southwestern Louisiana (now Louisiana at Lafayette) and joined PENCOR (formerly Weatherly Laboratories) in 1982 while in graduate school. His duties with Weatherly/PENCOR varied from lab work to programming to operations before assuming the position of PVT Analyst and eventually being named Vice President in 1989. He carried the title of Technical Manager, and since Weatherly/Pencor's merger with Core

Laboratories in June 2000, he is Technical Advisor. His current duties involve technical QA/QC, operations issues, client technical support/sales and corporate business development for Core Labs many disciplines, focusing on core and fluids analysis.

Guidry has authored and contributed to technical papers and magazine articles regarding hydrocarbon reservoir fluid behavior, analysis and sampling, and he has given many technical seminars, short courses, and presentations. He can be reached in Lafayette at 337-839-9060 or through email: toddy.guidry@corelab.com.

THE LUNCHEON RESERVATION DEADLINE IS APRIL 27 - CONTACT THE NOGS OFFICE

“And Looking Ahead...”

The next NOGS Luncheon will be held on June 6 at Holiday Inn Downtown Superdome. Guest speaker Kimberly L. Faulk, Geoscience Earth & Marine Services (GEMS) in Houston, will present “Marine Archaeology in the Gulf of Mexico.” Contact the NOGS office to make your reservation.

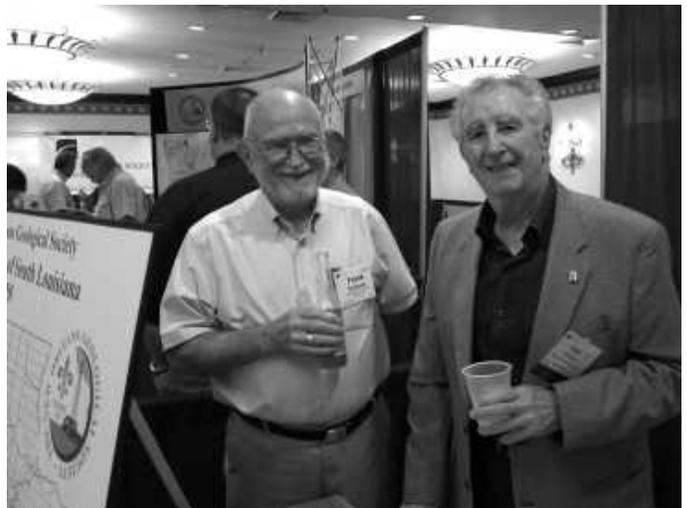
NOGS Booth at GSA Regional Meeting



Bryan Stephens (BOEMRE), Kelly and Kathy Hagggar (Riparian, Inc.) examine the field distribution map for the new NOGS publication



Tulane alum, Charley Corona and Tulane's Professor Ron Parsley



Frank Dickson and Carlo Christina

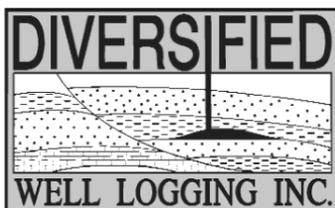


L-R: Carlo Christina, Art Johnson, Charley Corona and Bryan Stephens



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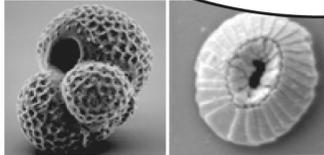
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2011	Edward B. Picou, Jr.	Consultant	504-529-5155	epicou@bellsouth.net
2011a)	Brenda Reilly	Energy Partners Ltd.	504-799-4811	breilly@eplweb.com
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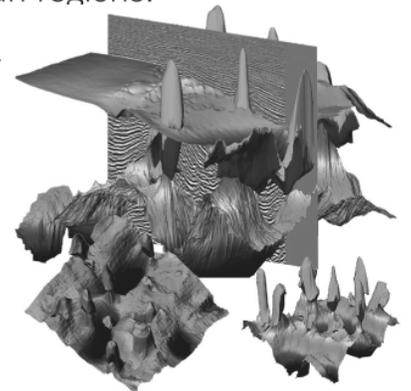


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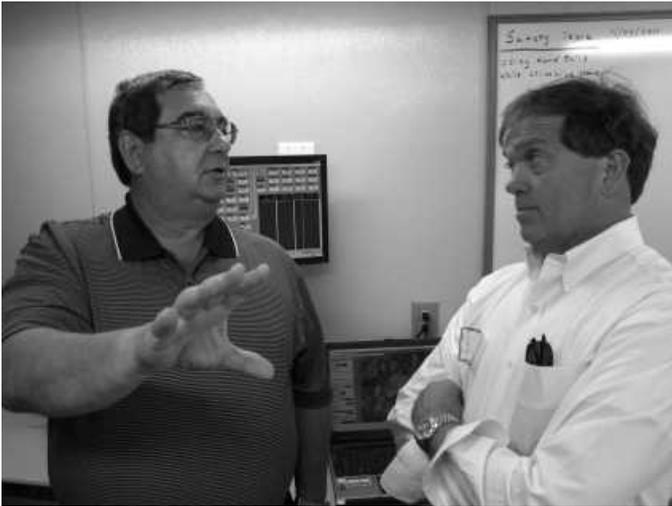
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NOGS April Luncheon - Diversified Mudlogging Fish Fry



*More photos on the
following pages ...*





NOGS 2011-2012 CANDIDATES

For **PRESIDENT ELECT**

JORGENSEN



Will Jorgensen graduated from Texas A&M University, receiving BS degrees in both Geology and Geophysics in 2004. In 2007, after completing his Master's degree in Geology at A&M, he began working for Shell in New Orleans. He is presently a Production Geologist developing mature fields in the deepwater Gulf of Mexico.

Will is currently the 2010 – 2011 NOGS Treasurer, as well as a member of AAPG and SGS.

For **VICE PRESIDENT**

PATE



Daisy Pate was born in Dayton, Ohio and grew up between Pensacola, Florida and Slidell, Louisiana. She attended Florida Institute of Technology on an academic scholarship, studying Space Physics where she discovered her primary interest was the physics of her home planet, Earth. She then transferred to the University of New Orleans in 2002 where she received a BS in Geophysics. She then attended Graduate school at Wright State University studying Geophysics and Environmental Geology. After Hurricane Katrina she enjoyed working for Eustis Engineering in Design of the Hurricane Storm Damage Risk Reduction System, as well as various Environmental restoration projects. She currently works for the U.S. Army Corp of Engineers as a Quality manager. Professional memberships include, The Geological Society of America, The Association of Engineering Geologists and The New Orleans Geological Society.

For **SECRETARY**

HOLMAN



Chuck Holman received an MS from the University of Hawaii in 1982 and began his career with Mobil Oil in 1982. He transferred to the New Orleans Mobil office in 1983 and worked in various positions in the Gulf of Mexico Exploration Department. In 1992 he transferred to Dallas to work on the Mobil New Exploration Ventures Team and worked on various projects in Latin America. After Mobil, Chuck worked as consultant from 1996 to 2006 for SCA, Tecpetrol, Interactive Interpretation and Training, CGG, Avanti Consulting, Corelab, and Gaffney-Cline and Associates. Chuck then returned to New Orleans in 2006 to work as a geophysicist for Dominion Exploration & Production Company, now Eni Petroleum. Chuck is now an independent geological/geophysical consultant.

Chuck has been an active member of the local geophysical and geological societies where he has lived, was NOGS Treasurer in 2009-2010, and NOGS Auditor in 2010-2011, and is also an active member of the SEG and AAPG.

NOGS 2011-2012 CANDIDATES

For **TREASURER**

SALMERON



Bay Salmeron is a native of Nicaragua and a long time resident of New Orleans. He received a Bachelor's of Science from the Department of Geology and Geophysics at the University Of New Orleans in 1996. He also attended LSU for his Geologic field camp study in Colorado. He joined Houston-based TGS in 2002 as a well log analyst and currently works for its Geological Products division under agreement with the BOEMRE to manage all new drill well logs in the Gulf of Mexico.

Bay is the proud new father of a nine-month-old son and enjoys spending his spare time with his family and church. He is an active member of his church community and volunteers for local organizations helping to rebuild homes. He has traveled as far as South Africa for a community building mission in faith.

For **EDITOR-ELECT**

HELTZ



Jordan Heltz was born and raised in Louisiana and earned his BS in Geology from Louisiana State University in 2000. He then joined Pathfinder Energy Services and spent two years working as an LWD field engineer before returning to LSU to pursue graduate studies. After earning an MS in Engineering Science from LSU in 2005, Jordan then joined Unocal in Houston as a geologist working development of a deepwater Indonesian gas field. Upon the acquisition of Unocal by Chevron, Jordan then continued his international experience by appraising fields offshore Angola. He currently resides just outside of New Orleans, Louisiana and is a development geologist for Chevron's Tahiti Asset in the Deepwater GOM. Aside from memberships in AAPG and SPE, he is also a husband and father to two young girls who love to keep him busy.

For **DIRECTOR 2011-2014** **FEIN**



Originally from New Jersey, **Mike Fein** has a BS in Geology from Cincinnati, and an MS in Geology from Florida. Over a 36-year career, he worked 5 years for the USGS (now BOEMRE), 15 years for CNG (now ENI), consulted one year for Century, and has spent the last 14 years with W&T Offshore, Inc.

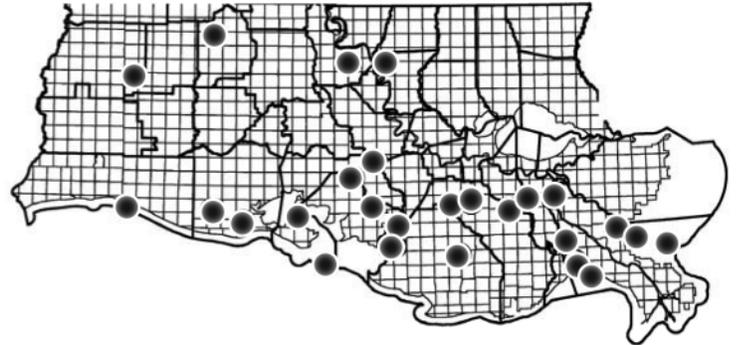
Mike has been a member or chairman of numerous NOGS committees, such as Continuing Education, Membership, Directory, and School Outreach, and has been Chairman of the Awards Committee since 1983. He has been NOGS Secretary (1982-83), Vice-President (1984-85), and President (2006-07). He has received the NOGS President's Award three times, the Outstanding Service Award in 1979 and the 50th Anniversary Distinguished Service Award in 1992. He has been an AAPG delegate and chairman of the delegation three times, and has served in committee or leadership positions for numerous AAPG, GCAGS, and GSA conventions. Mike and Debra have been married 30 years and have two collegiate children.

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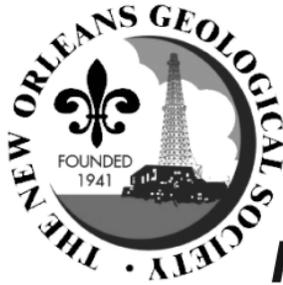
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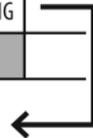


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South Louisiana and Offshore Exploration and Production Activity

South Louisiana and Offshore GOM Exploration and Production Activity

By Carlo C. Christina

LAFAYETTE DISTRICT, ONSHORE AREA

*****BREAKING NEWS FOLLOW-UP

My report in the March Drill Bits on leasing activities in the Florida parishes asked, “Can we expect to see more horizontal drilling in the near future?” The answer is, yes—now. A reliable source reports that Devon Energy has filed for their first Tuscaloosa Marine Shale Unit, a 720-acre unit in East Feliciana Parish. The proposed well will be located in Sec. 63, 3S-1E, offsetting the Exchange Oil & Gas #1 Price, a dry hole drilled in 1979 to a total depth of 15,575 feet. Devon will drill a 5000-foot lateral well which will encounter the objective Tuscaloosa Marine Shale at 15,100 feet. This horizontal well is the first of 3 proposed tests in the TMS Play.

Twenty-five permits to drill have been approved in the Lafayette District since my last report. The most significant wells are listed below. Every well drilled in the State of Louisiana receives a serial number. The serial number for each well is noted in parenthesis and can be accessed through the SONRIS website.

NEW LOCATIONS—

In Beauregard Parish, El Paso will drill a very interesting deep Wilcox well in **Shoats Creek Field**. The #2 Fisher-Lindsey, located in Sec. 9, 7S-12W, is projected to a total depth of 15,435 feet. (242928)

Also in **Shoats Creek Field**, El Paso is currently drilling the #1-9, Fisher-Lindsey below 10,560 feet, to a projected depth of 15,221 feet. (242982)

Shoats Creek Field was discovered in 1956 with sporadic drilling occurring through 1990, producing mainly from Cockfield sands at depths of 9400 feet. In September, 2010, El Paso drilled the #1 Olympia Minerals to 12,410 feet, and completed it as an oil well in the Wilcox, through perforations 11,380 to 11,700 feet. The well flowed 258 BOPD and 993 MCF and was the first Wilcox production in the Field.

In **Fields Field**, Beauregard Parish, El Paso continues with its aggressive drilling program and will drill the #1 BP in Sec. 31, 6S-12W. It will be drilled to a total depth of 15,000 feet. Production in the Field had been on a steep decline for the past 7 years, but production has been extended in the Field with the completion of 3 recent deep Wilcox wells. (242928)

Apache Corp. has spotted a location for the #1 Apache LA Minerals in Lafourche Parish, in **Grand Bois Field**. The well is located in Sec. 19, 18S-20E, with the projected total depth of 15,256 feet. Apache will attempt to re-establish production in the Field, which has been off production since 1999. The Field was discovered in 1982 and has produced 1.8 million barrels of oil from Tex. W sands at a depth of 12,800 feet. (242918)

Lobo Operating Inc. has permitted 2 wells in Plaquemines Parish in the Breton Sound Area. The #1 SL 20436 will be drilled in **Breton Sound Block 53 Field** and is permitted to a depth of 10,500 feet. (242939)



The second well, #1 SL 20435, is permitted as a **Wildcat in Breton Sound Block 50** and will be drilled to a depth of 10,300 feet. (242954)

Within offshore Plaquemines Parish in **Breton Sound Block 53 Field**, Century Exploration, N.O. will drill the #1 SL 19051 to a projected depth of 11,700 feet. (242984)

Multiple sands are productive in Breton Sound 53 Field, including the Uvigerina 3 series at 10,800 feet, the Tex W sands at 11,800 feet, the deeper Big. hum. sands at 14,000 feet and Cris. I sands at 15,600 feet.

A complete report on Breton Sound Block 53 Field is available in the new NOGS publication, "Oil & Gas Fields of South Louisiana 2010," which can be ordered at www.nogs.org.

Manti Exploration is drilling below 6750 feet, on the #1 C.J. Hanks in **Leleux Field**, located in Vermilion Parish. The well is projected to a depth of 16,150 feet. (242950)

COMPLETIONS—

In **Midland Field**, Acadia Parish, Caza Exploration has plugged and abandoned the #1 Marion Baker et al, at a total depth of 15,462 feet. (242437)

Lymac Exploration and Production has completed its Wildcat in Acadia Parish, located in Sec. 5, 4S-5W. The #1 Meriwether LA Land & Timber was drilled to 5990 feet and completed in a Frio reservoir, flowing 550 MCFG through perforations 4469 to 4477.5 feet. (242399)

El Paso has completed the #1 BP 32 in **Fields Field** in Beauregard Parish. The well was drilled in Sec. 32, 6S-12W to a depth of 13,580 feet. It was completed flowing 1032 MCFG and 72 BCPD through perforations 12,646 to 13,524 feet. (242431)

Samson Contour Energy has plugged and abandoned its Labokay Corp 5 in **Houston River Field**. The well was drilled in Sec 4, 9S-11W, to 17,507 feet. (242300)

In Cameron Parish, **Deep Lake Field**, Walter Oil & Gas has completed the #1 SL 20350 in the DB-1 reservoir flowing 5356 MCFG and 15 BCPD through perforations 13,480 to 13,516 feet (OA). The well is located in Sec. 5, 16S-3W. (242633)

In Jefferson Davis Parish, **Jennings Townsite Field**, Texas Petroleum Investment Co. completed the #1 TPIC Fee as an oil well in the Camerina 2 sand, flowing 157 BOPD and 100 MCFG through perforations 10,866 to 10,874 feet. The well was permitted to a depth of 14,307 feet but stuck drill pipe at 12,016 feet failing to reach its objective section, the Bol. mex. This well was designed to re-establish production in the Bol. Mex., which last produced in 1988. (242276)

In St. Mary Parish, McMoRan is preparing to complete the #1 Valentine Pontiff at a total depth of 21,099 feet. The well is located in Sec. 18, 15S-9E and encountered 140 feet net gas as the confirmation well to McMoRan's #1 Peterman, which tested 40.642 MMCFPD through perforations 19,908 to 19,974 feet in the MA-7 Sand. The Peterman was drilled as McMoRan's Laphroaig Prospect, but was included in **Bayou Carlin Field** by the Department of Natural Resources even though it is located 2 miles north of Bayou Carlin production. (242891)

OFFSHORE GULF OF MEXICO SHELF and DEEP WATER ACTIVITIES

By Al Baker and Eric Zimmerman

Between March 19th and April 4th, the BOEMRE issued four new GOM shelf-well drilling permits. The offshore operators receiving the permits include Apache, Arena and Castex. Apache received two permits to drill two development wells (#D-13 and #D-14) on Eugene Island Block 330. Arena received a permit to drill a development well (#C-4) on East Cameron Block 328. Castex received a single new well permit to drill a development well (#8) on Eugene Island Block 224. According to the BOEMRE website, a total of 42 new well permits have been issued on the shelf since June 8, 2010, whereas only six new well permits have been granted in deepwater since October 12, 2010. During the same time period, the BOEMRE has approved only three new exploration plans on the shelf and none thus far in deepwater.

--- continued on next page ---

Drill Bits (continued from previous page)

As of April 1st, the BakerHughes Rig Counts show that there are 27 active rigs in the Gulf of Mexico versus 51 active rigs at the same time in 2010. This 24-rig decrease represents a 47.1% decline on a year-to-year basis. According to ODS-Petrodata, the Gulf of Mexico drilling rig fleet stands at 124 rigs (one less than last month's report). Of these, 70 rigs are under contract, which equals a 56.5% rig utilization rate.

Contango recently reported a gas and condensate discovery at its Swimmy Prospect located in Vermilion Block 170. The successful exploratory well is estimated to have proven reserves totaling 48 BCF and 1.2 MMBO. Contango's working interest position is 68%. Production is forecast to begin this fall at an estimated rate of 15 MMCFPD net to Contango. Contango's estimated costs to acquire, drill, complete and bring to production are approximately \$26.5 MM.

Deep shelf and ultra-deep shelf driller, McMoRan Oil and Gas, recently updated its activities on the GOM shelf. Their ultra-deep Davy Jones #2 well is drilling below 29,800 feet TVD towards a proposed total depth of 30,450 feet. McMoRan believes that the well has possibly found Upper Cretaceous sands and may be immediately above the Lower Tuscaloosa section. As previously reported, the #2 well logged pay in the shallower Wilcox section that consequently confirmed the sand continuity between it and the Davy Jones #1 discovery well.

The Blackbeard East, ultra-deep exploration well in South Timbalier Block 144 has been drilled to a TVD of 32,559 feet. This previously-announced Oligocene, Frio discovery well has recently encountered a mechanical issue that is currently being addressed. McMoRan believes that the well has penetrated the Sparta sands within the Eocene. Wireline logs will be required to evaluate this interval.

In Eugene Island Block 223, McMoRan is drilling below 20,200 feet in its Lafitte, ultra-deep exploration well. The proposed total depth is 29,950 feet. The targets for this well include Middle and Lower Miocene objectives and possibly the Oligocene, Frio section beneath a salt weld.

McMoRan's Hurricane Deep well in South Marsh Island Block 217 is currently drilling below 14,100 feet on its way towards a total depth of 20,000 feet. The well is targeting the thick Gyroidina sands encountered in the Hurricane Deep #226 well in 2007 plus deeper Gyroidina sand potential.

In Eugene Island Block 26, McMoRan is drilling below 8,000 feet on its Boudin Prospect. This deep gas exploration well has a proposed total depth of 23,100 feet and will test Miocene objectives.

In offshore Texas, McMoRan is drilling a 16,120-foot, development well in Brazos Block A-23. This block lies within the Corsair Trend that targets the expanded, *Bigenerina humblei* sand section. The McMoRan well is twinning an old Shell well that established proved, undeveloped gas reserves on a prior lease.

The Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE) approved a deepwater permit for the drilling of a sidetrack of ENI US Operating Co Inc.'s Well #SS001 in Mississippi Canyon Block 460 in 2,823 ft. water depth.

Regulators also granted Chevron the first U.S. permit to drill and complete exploratory well in a new reservoir since the end of the moratorium that followed the BP oil spill. That well, Moccasin, had nearly been completed last year before it was put on hold.

BHP Billiton Ltd. resumed drilling a deepwater well in the Gulf of Mexico, the first drilling activity to take place since the U.S. government banned deepwater drilling. Chief Executive, J. Michael Yeager, stated that a rig had moved onto BHP's Shenzi Prospect and resumed drilling a well there. The Anglo-Australian conglomerate's permit is one of eight that U.S. regulators have issued in deepwater in recent weeks. Yeager further stated that the drilling ban stalled work on 11 Gulf of Mexico wells, trimming BHP's expected 2011 output of the equivalent of 165 million barrels of oil per day by 12 million barrels.

Private forecaster Accuweather has forecast an above-average Atlantic hurricane season with a greater threat to Gulf of Mexico oil production areas. About 25% of U.S. crude comes from U.S.-regulated areas in the Gulf of Mexico and over 40% of U.S. refining capacity stretches from Corpus Christi, Texas, to Pascagoula, Mississippi.

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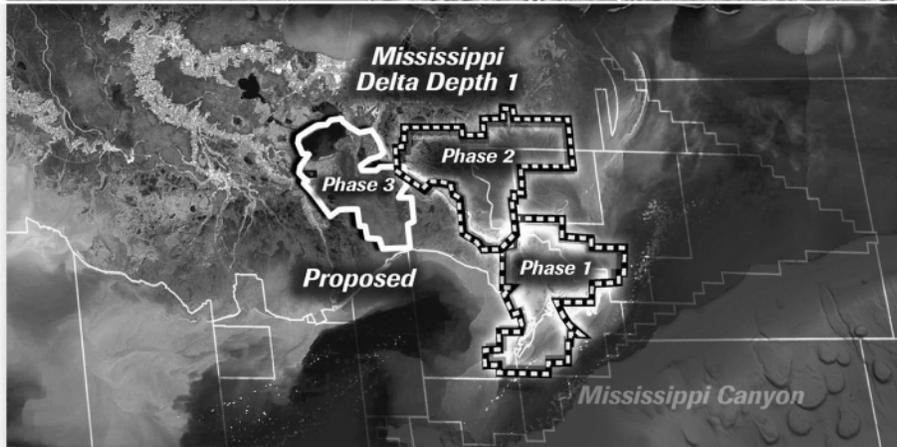
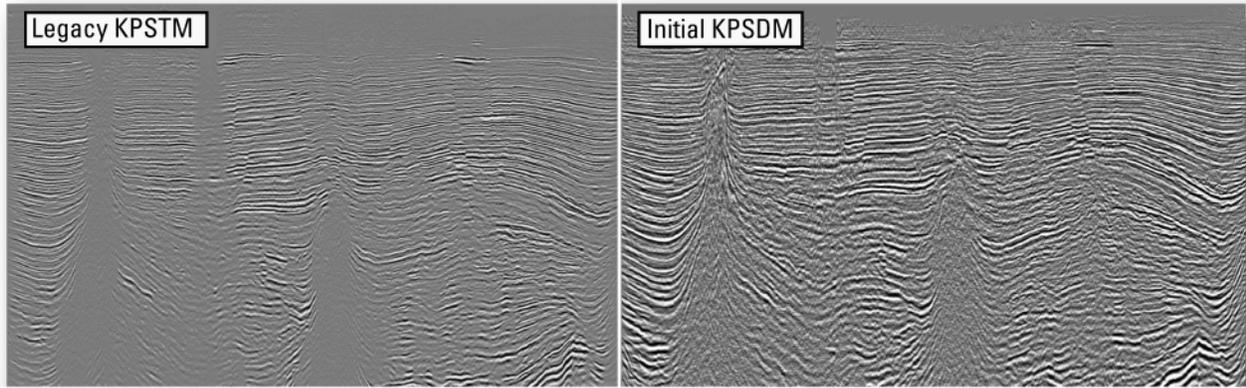
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World shale Gas Resources: April 13|2011|Energy Information Administration - The shale gas boom that started in the United States has spread to countries worldwide. The Energy Information Administration has released a report that summarizes the shale gas resource for 14 regions outside of the United States. For more information go to: <http://geology.com/energy/world-shale-gas/>

13% of H.S. Biology Teachers Advocate Creationism in Class: April 12,2011|Live Science - The majority of high-school biology teachers don't take a solid stance on evolution with their students, mostly to avoid conflicts, and fewer than 30 percent of teachers take an adamant pro-evolutionary stance on the topic, a new study finds. Also, 13 percent of these teachers advocate creationism in their classrooms.

University students film tsunami striking Nakatsugawa City: Uploaded on YouTube by CHMiniGPwns on Apr 10, 2011 - University students film tsunami striking Nakatsugawa City to see the video go to: http://www.youtube.com/watch?v=at7KgXEKRRs&feature=player_embedded&safety_mode=true&persist_safety_mode=1

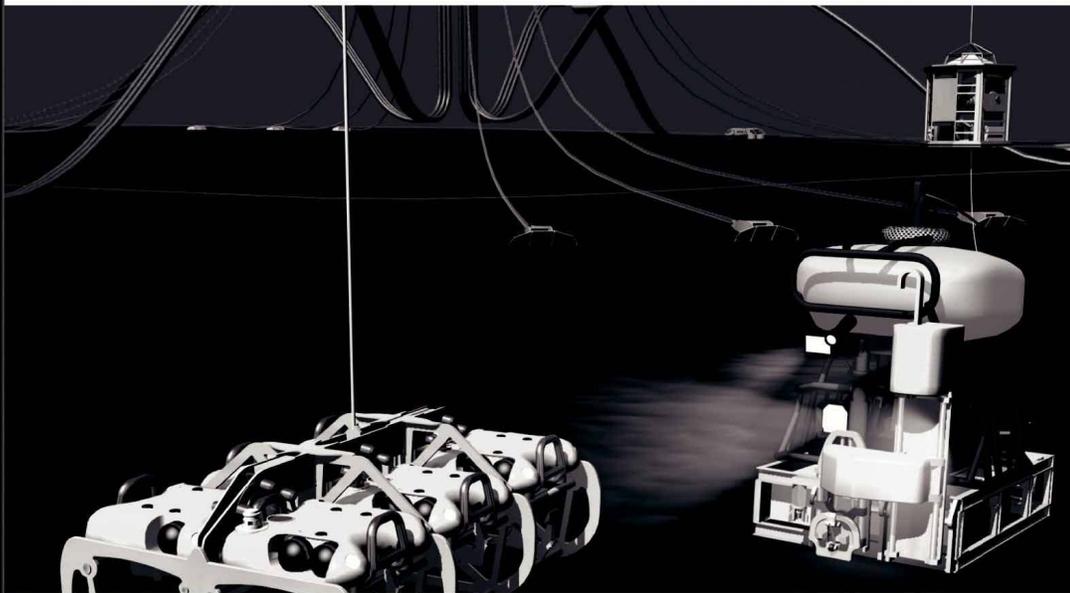
Electric Yellowstone: Conductivity Image Hints Supervolcano Plume Is Bigger Than Thought: ScienceDaily (Apr. 11, 2011) - University of Utah geophysicists made the first large-scale picture of the electrical conductivity of the gigantic underground plume of hot and partly molten rock that feeds the Yellowstone supervolcano. The image suggests the plume is even bigger than it appears in earlier images made with earthquake waves. For more information go to: <http://www.sciencedaily.com/releases/2011/04/110411083533.htm>

New "Buck-Toothed Evil Spirit" Dinosaur Found: National Geographic News|April 13, 2011 - A newly discovered dinosaur species bridges the gap between the earliest known group of predators and more advanced beasts such as Tyrannosaurus rex, according to a new study. Found at New Mexico's Ghost Ranch fossil site, the primitive dinosaur lived about 205 million years ago. For more information go to: <http://news.nationalgeographic.com/news/2011/04/110413-new-species-dinosaur-bucktoothed-evil-spirit-fossils-animals-science/>

OIL FOUND ON MOON!: April 16th, 2011|Weekly World News - Huge oil reserves have been found on the moon. Gas prices will fall to \$0.10 a gallon as OPEC oil becomes obsolete! A NASA space probe has reportedly discovered a huge mother lode of oil on the moon - and the astounding find could usher in a new era of peace and prosperity for America! For more information go to: <http://weeklyworldnews.com/headlines/31990/oil-found-on-moon>

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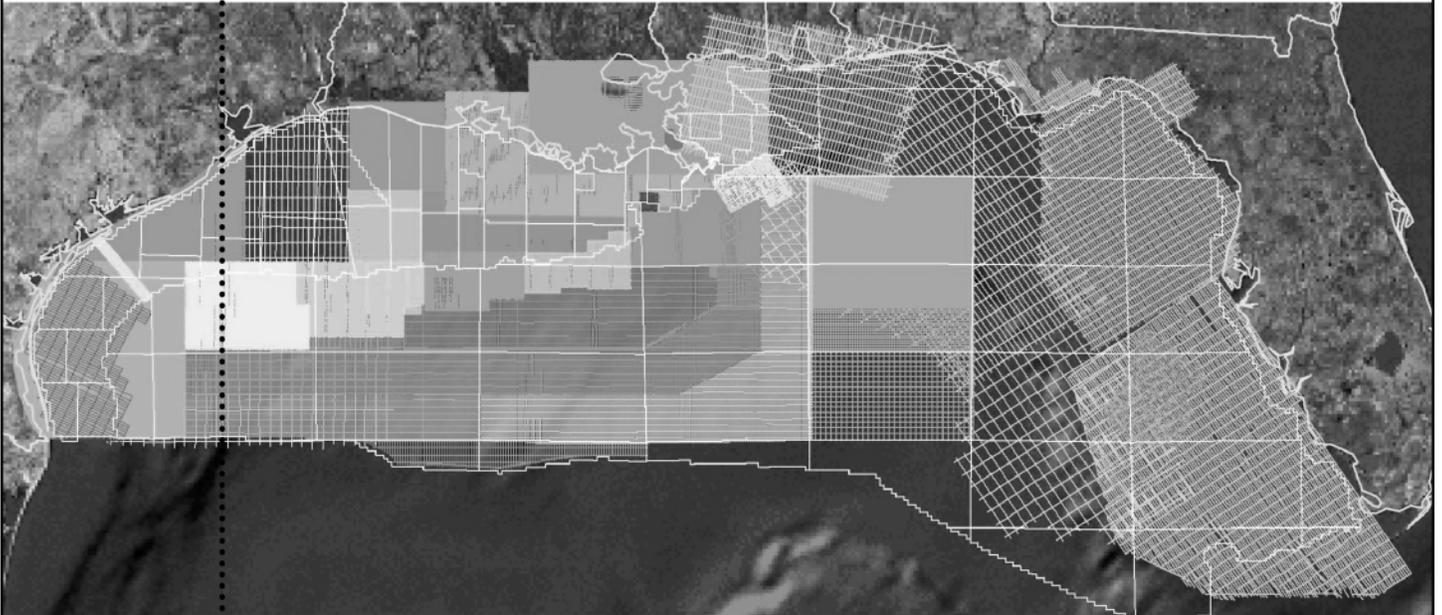
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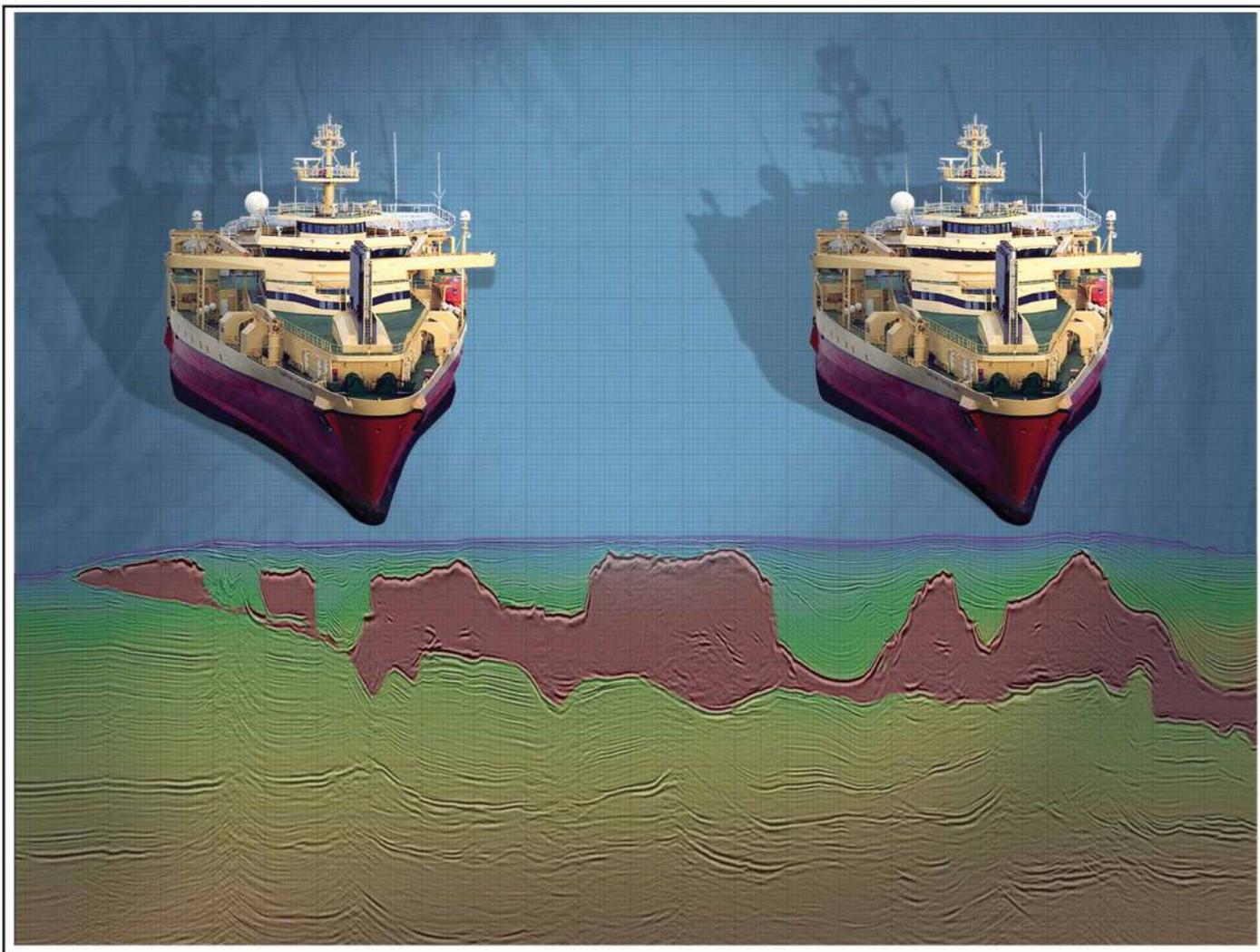
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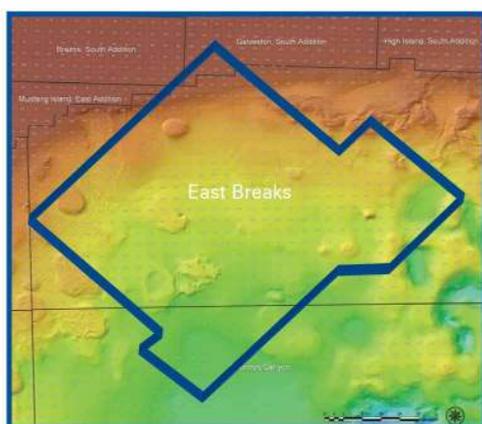
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