

NOGS LOG

NOVEMBER 2018

Volume 59, Number 5



NOVEMBER 5 - NOGS LUNCHEON PRESENTATION

**Chicxulub Impact: Gravity and Topography on the Yucatan Peninsula...Effects
in Northern Louisiana: Mass Wasting, Tsunami and Fall Back**

**Guest Speaker: Gary Kinsland
University of Louisiana at Lafayette (UL-L) • Lafayette, Louisiana**

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SATURDAY, DECEMBER 1, 2018
8:00 AM – 1:30 PM

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on the cover

Cover photo courtesy of Fran Wiselady

Cinque Terre — Italian Riviera, Italy

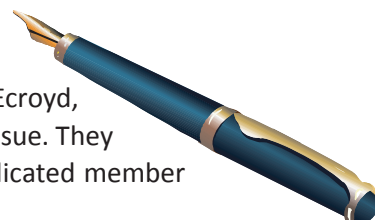
Cinque Terre (five towns), Italy is a beautiful and fascinating place. The geology is incredibly complex and exciting, even to non-geologists. It is composed of the Maritime Alps in the west and the Ligurian 'nappes' of the Apennines in the east. The relief in this area is extraordinarily high, over 3300 feet within 3 miles. Spectacular geological cross-sections of the Apennines are visible on the cliffs along the coast. The cover photo shows a lovely reverse fault.

There is significant deformation from the Jurassic ocean spreading phase to the Late Cretaceous-Miocene subduction and collisional phases. The Ligurian, Sub-Ligurian, and Tuscan units – are components of the Northern Apennines fold and-thrust belt. The highly deformed strata are a result of the Adria-Europe continental collision.

From the Editor

This month has been a very sad month. We had three NOGS members pass on. Hank Ecroyd, Phil Johnson, and Tom Klekamp are no longer with us. Please read the memorials in this issue. They will truly be missed. Our sympathies go out to their families and friends. Tom was a dedicated member who was currently working on the field trip to Baton Rouge.

I would like to send out a strong invitation for members to be more active in our organization. We need people to volunteer for events and to attend our monthly meetings. If you would like a specific topic or speaker to be added to the agenda for a luncheon meeting please send a message to the vice president Chris McLindon at chris.mclindon@upstreamexp.com or to the editor at nogseditor@gmail.com.



Fran
Fran Wiselady,
NOGS LOG Editor



FROM THE PRESIDENT **ALEX JANEVSKI**

All geologists learn the fundamental underlying principle of our science, Uniformitarianism, popularized by Charles Lyell with the phrase “the present is the key to the past.” It can be hard to imagine that this phrase was once used almost as a marketing slogan to argue a grand debate between catastrophists, those who believed that the earth was shaped primarily by short-lived, catastrophic events, and those who believed that comparatively slow processes of erosion and deposition seen on a daily basis could explain much of what we see in the world today. Today most geologists view the world in a sort of happy medium: many changes do occur gradually, and the processes can be observed all around us. The Grand Canyon was formed by the slow erosion by the Colorado River, but some geologists today think the modern canyon formed in just 5-6 million years, very fast in geologic terms, through the connecting of some paleocanyons that may have been much older[1]. The Louisiana Gulf Coast was formed by sediments from the Mississippi River, but most of that sediment comes in short-lived flood events. Change is both fast and slow.

Although past issues of the *NOGS LOG* are not easily searchable (which we should rectify), I am certain that I am not the first NOGS President to mention the phrase. I also may not be the first to turn that phrase around for another purpose. I believe the present is not only the key to the past – it is also the key to the future. In my experience most geologists are more comfortable speculating about the past than the future. But part of my job is anticipating the future to set NOGS up for success.

In previous columns I have written about the substantial changes NOGS has been forced to undergo due to loss of revenue during this industry downturn. We have had to make tough financial decisions and may have to make many more to improve our financial situation. The events we observe today suggest that the future of NOGS may be very different if we are to continue the great activities we host through the year. There is a strong possibility that the advertising revenue we relied on in the past to fund the *LOG* may not return. (We are still looking for an advertising chair if anyone wants to challenge that assumption). This could force us to change the distribution model for the *LOG*, eliminating print entirely, or self-publishing a newsletter. It may mean that we need to embrace alternative revenue

streams. Few organizations have been able to profit from digital media – see the demise of so many of the nation’s newspapers, or the reduction of the local *Times-Picayune* to only three days a week to see the impact this has had. Maybe we can buck that trend, find a way to monetize digital advertising, and convince buyers that digital advertising is as good as print. One possibility the Board has discussed is seeking advertisers outside of traditional oil and gas. At this point everything is on the table.

We also all need to think about the future of geology and geologists in New Orleans. At the Deepwater Technical Symposium this year the NOGS Geoscience seminar was on “Deepwater Exploration in a Digitized World,” including seismic machine learning, or automated interpretation. Last year I took a machine learning course through Stanford Online, in order to keep my own skills on top of the latest trends, not just in geology, but everywhere. The future is coming at us faster than ever, and it is in all of our best interests to embrace it. I have heard more than one geologist express dismay at the movement toward computing and a fear that machines are going to take our jobs away. I believe this is misguided, as much as worrying that 3D work stations would eliminate interpreters because we would no longer need to pull out colored pencils. Nothing could have been further from the truth then, and nothing is now. The reason for machine learning is that data is being generated faster than humans are able to interpret it all, and because some algorithms can find patterns in data that humans have never thought to look for, had the time to look for, or been able to detect through the noise. Machine learning does not take away jobs – it creates opportunities by finding information that we were previously ignoring. I will give you a prediction: no machine is ever going to be able to say, “drill here,” convince your boss to put the money on the line, and then explain why you found a dry hole. But it might be able to help you do so.

Besides future technology, we have to look to the future of NOGS members. I believe oil and gas will be the backbone of NOGS for a very long time. However, it is in our best interest to ensure that NOGS is the Society of choice for all geologists in New Orleans. This is both because New Orleans has experienced a steady decline, with ups and downs, in upstream oil and gas employment, but also because jobs for geologists in other industries have grown. We also have to ensure we are a society that is providing benefits to a younger generation of geologists. NOGS volunteers like Liz McDade have helped raise the presence of NOGS on Facebook. We have a YouTube channel, a LinkedIn page, and a new, updated website, thanks to the work of Christy Himel. We have to do more to get and keep the next generation involved, and that means staying on top of the latest trends and being cognizant of the future.

In September, I had an opportunity to take a field trip to Utah and Colorado with Ali Jaffri of Applied Stratigraphix

(picture below). The course was focused on salt tectonics and sequence stratigraphy in the Paradox Basin, an analog for the work I do in the Gulf of Mexico. It had been a long time since I was in the field, and unsurprisingly, I felt a little rusty, as my day-to-day work often involves nothing more than seismic and a handful of deepwater well logs. Getting out West, and seeing rocks up close, reminded me why I became a geologist in the first place. I resolved to get out in the field more often, and I encourage you all to do the same. In December NOGS will be leading a trip to see the Mississippi River model at LSU. This is a great opportunity to see this truly one-of-a-kind laboratory and learn about

some of the important work being done by geologists in our own backyard. The trip was mostly organized by the late Tom Klekamp, for whom a memorial is running in this issue of the *NOGS LOG*. He gave to NOGS literally up to his last day, and I will always be grateful for the kindness he showed to me, and all he did to make NOGS what it is today. The past is also the key to the present.

Alex Janevski

References

1. Karlstrom, K. E. et al. Formation of the Grand Canyon 5 to 6 million years ago through integration of older palaeocanyons. *Nat. Geosci.* 7, 239 (2014).



Castleton Tower, near Castle Valley, UT. A 400' tower of cliff-forming, aeolian Wingate Fm., and famous rock climbing site, viewed by way of aerial geology tour.



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November 5 • NOGS Luncheon

Holiday Inn Downtown Superdome

\$3.00 validated parking in hotel garage

Presentation:

Chicxulub Impact: Gravity and Topography on the Yucatan Peninsula...Effects in Northern Louisiana: Mass Wasting, Tsunami and Fall Back

Guest Speaker:

Gary Kinsland

University of Louisiana at Lafayette (UL-L) • Lafayette, Louisiana

See page 8 for Abstract and Biography

HOLIDAY INN DOWNTOWN SUPERDOME

Check with concierge or
front desk for location.

Lunch served at 11:30 am

ADMISSION:

With reservation..... \$30.00

Without reservation \$35.00

Student Member with reservations..... FREE

November 9

**UNO Dept. of Earth & Environmental Sciences
44th Annual Mineral Auction**

Hosted by The Cove on UNO's Campus • 2000 Lakeshore Dr. • 7 pm till
RSVP & questions: JLevesh@UNO.edu

December 3

NOGS Luncheon Presentation

Holiday Inn Superdome • New Orleans, Louisiana
Speaker: Dr. Michael Hudec • Jackson School of Geosciences

December 1

NOGS Field Trip

Lower Mississippi River Physical Model
UNO Lakefront Campus to Baton Rouge, LA • 8:30 am - 2:30 pm
For more info, see inside front cover (pg 2).

December 8

NOGS Holiday Christmas Party

Filmore in the Oaks • New Orleans, LA • 7:00 pm - 10:30 pm
NOGS Members & Guests: \$65 per person • Students: \$25 per person
Reservations Required - www.nogs.org

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November 5 NOGS Luncheon Presentation

☆☆☆ at the Holiday Inn Superdome ☆☆☆

Chicxulub Impact: Gravity and Topography on the Yucatan Peninsula...Effects in Northern Louisiana: Mass Wasting, Tsunami and Fall Back

Presented by

Gary Kinsland

University of Louisiana at Lafayette (UL-L) • Lafayette, LA

ABSTRACT

The Chicxulub Impact Structure is a leading candidate for the cause of the extinction at the Cretaceous/Paleogene (K/Pg) boundary. This structure is located on the northwestern corner of the Yucatan Peninsula in the state of Yucatan in Mexico. The crater is filled and buried by Tertiary carbonates so that surface evidence of the 180 km diameter, 3 km deep crater which resulted from the impact is very sparse. Images of gravity and topographic data that I collected and/or compiled show the size and form of the buried crater. Having the history of researching Chicxulub allowed me to recognize impact caused tsunami "ripples" in northern Louisiana 3D seismic data. Justiss Oil granted me access to a core across the K/Pg. I will present some of my research in Mexico, that will illustrate the effects of the impact in northern Louisiana with seismic data, well-log data and core data and will demonstrate the extent of the impact effects with published maps of the K/Pg Boundary Deposit.

BIOGRAPHY

Gary Kinsland was born in Eugene, Oregon 6/10/47 and grew up in southwestern Oregon. He graduated from Coquille High School in 1965. From 1965 until 1969 he attended the University of Rochester (U of R) in Rochester, N.Y. and received his B.S. in Physics. The next fall he entered the Geology program at the U of R and received an M.S. in 1971 and a Ph.D. in 1974 pursuing studies in high-pressure earth mantle mineral phases and strengths. After two years as a post-doc at U of R Gary took a visiting assistant professor job at Arizona State University for the 1976 -77 year where he learned and taught exploration geophysics. In the fall of 1977 he

accepted a position at, then, USL in Lafayette, LA as a mineralogist/geophysicist. He has remained at the University of Louisiana at Lafayette, no longer teaches mineralogy, but has concentrated on geophysical research. For several years he led a research effort dedicated to the development of the coalbed natural gas resources of northern Louisiana. Since 1994 he has pursued research related to the Chicxulub Impact Structure on the Yucatan Peninsula of Mexico. He has collected and interpreted geophysical and topographic data over the feature and more recently has found geophysical and subsurface evidence of the effects of the impact in the subsurface of northern Louisiana. He is now a full professor holding the Pioneer Production Endowed Professorship in Geology and Petroleum Engineering.



**THE NOVEMBER LUNCHEON RESERVATION
DEADLINE IS NOVEMBER 2.**

"And Looking Ahead . . ."

The next luncheon will be held on December 3. Our guest speaker will be Dr. Michael Hudec from Jackson School of Geosciences. Contact NOGS at admin@nogs.org or use the PayPal link at www.nogs.org to make your reservation.



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CALENDAR OF EVENTS: NOVEMBER - DECEMBER 2018

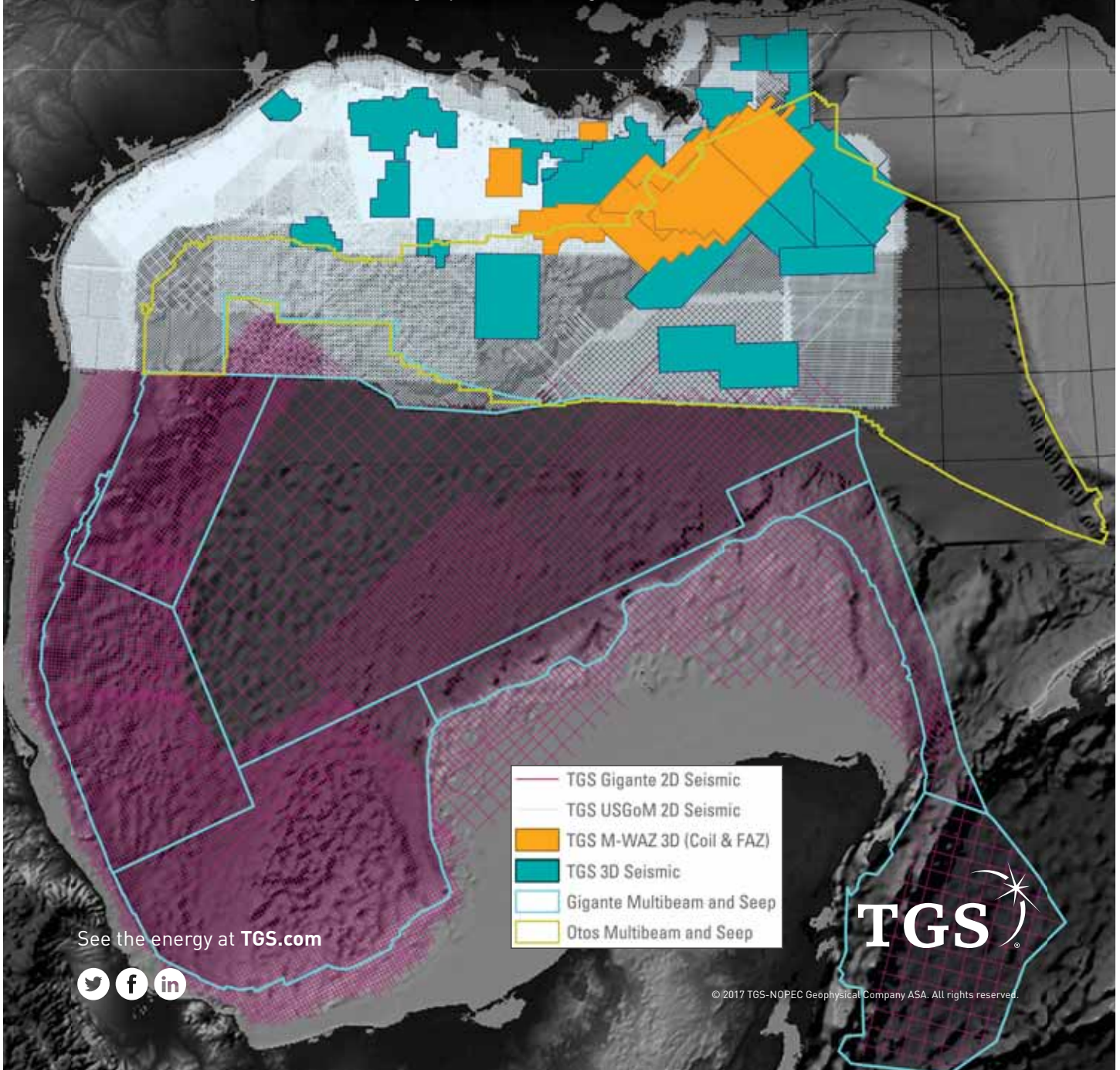
If you know of upcoming seminars or academic events that may be of interest to our members, please email the event details to Fran Wiseman at nogseditor@gmail.com to be included in the monthly calendar.

2018	EVENT	LOCATION	CONTACT / INFO
5 Nov	NOGS Luncheon Presentation "Chicxulub Impact: Gravity and Topography on the Yucatan Peninsula...Effects in Northern Louisiana: Mass Wasting, Tsunami and Fall Back" Speaker: Gary Kinsland • UL-L	Holiday Inn Superdome	admin@nogs.org or 504-561-8980
9 Nov	UNO Dept of Earth & Environmental Sciences 44th Annual Mineral Auction	The Cove/Sandbar @UNO 2000 Lakeshore Dr • 7 pm	RSVP & Questions: JLLevesh@UNO.edu
10 Nov	STEM Quest Children's Museum of St. Tammany • 10 am - 1 pm	Children's Museum 21404 Koop Dr	See page 12 for more info
1 Dec	NOGS Field Trip Lower Mississippi River Physical Model 8:30 am - 2:30 pm	UNO Lakefront Campus to Baton Rouge, LA See inside front cover.	Reservations required. www.nogs.org 504-561-8980 or admin@nogs.org
3 Dec	NOGS Luncheon Presentation "The Salt Mine: A Digital Atlas of Salt Tectonics" Speaker: Dr. Michael Hudec • Jackson School of Geosciences	Holiday Inn Superdome	admin@nogs.org or 504-561-8980
3 Dec	After Hours Northshore 5:30 pm • Members: \$30 • Guests: \$35	Zea Covington 110 Lake Dr, Covington	See ad this issue
8 Dec	NOGS Holiday Christmas Party 7:00 pm - 10:30 pm Reservations Required	Filmore in the Oaks 1040 Filmore Ave New Orleans, LA	Reservations required: www.nogs.org 504-561-8980 or admin@nogs.org See ad below for more info.



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VOLUNTEERS NEEDED

STEM QUEST

Bring the whole family and journey to STEM
Science • Technology • Engineering • Math

Saturday, November 10th
10 am - 1 pm

Entrance: \$5 per person

Children's Museum of St. Tammany • 21404 Koop Drive • Mandeville



Picture From
Our Past...



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Don Andrews, President; Dwight McCray, Secretary
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ENERGY DAY

9.22.2018

On Saturday, September 22, NOGS hosted Energy Day at the Louisiana Children's Museum. The event drew over 600 attendees and contained energy sources from oil and gas to steam, coal, hydro, nuclear, wind and solar. As children entered the museum, they were able to spin the Energy wheel which had pie-chart-sized shapes for the percentage of each type of energy. It was apparent that oil and gas were critical and comprised over 65% of our energy consumption in the USA. Also there was a special station celebrating New Orleans 300th birthday demonstrating that wood and candles were the energy of the day.

NOGS was joined by our long-term partners the **Southeastern Geophysical Society**, **Tulane's Physics Department K-12 outreach**, **Energywise** and **STEM NOLA**. We were graced with 14 enthusiastic students from **Cathy Boucvalt's John Curtis High School** classes. Our NOGS volunteers included **Tom George**, **Doug Bradford**, **Jared Bullock**, **Mike Fauquier**, **Mike** and **Opie Anderson**, **William Vollenwider** and **Dianne Lynne**. **Bernie**



Regel and **Jim Brooks** handled photography as well as various energy stations.

Special exhibits included: geology professor **Stephanie Welch** of **Southeastern** and her student **Megan Blomquist** covering hydroelectricity, **John Curtis** students engaging kids with the oil finder game, **Chris McLindon** demonstrating the Bay Marchand salt dome model, **Lisa Kennedy** running the earthquake/seismograph, and **Dave Cope** showing kids and adults alike the 3D seismic workstation.

This was an excellent event to showcase the role the oil industry plays in the country's energy needs. Special thanks to **Emily Barnitz** the Early Learning manager at **LCM**. We appreciate all of our great volunteers for making Energy Day such a great success!



ENERGY DAY

9.22.2018





South Louisiana and Offshore Gulf of Mexico Exploration and Production Activities

LAFAYETTE DISTRICT, ONSHORE AREA

By Carlo C. Christina and Kevin J. Trosclair

During the month of September, the Louisiana Department of Conservation issued 15 permits to drill for oil and gas in the Lafayette District. Today, October 19, the price of oil is \$80.30 for Brent, and \$76.63 for Louisiana light. It is interesting to note that there has not been a significant increase in the number of wells permitted.

NEW LOCATIONS

Hilcorp Energy is drilling an interesting deep well in an old field. The #1 Doty Trust, SN 251310, will be drilled to 14,350 feet in **Tepetate Field, (A)**, Acadia Parish, which was discovered in 1935. More than 280 wells have been drilled in the field which covers an area more than 3 miles in an east-west direction. The early production was found between 8,000 feet and 9,000 feet. In 1952 shallow production was found at depths less than 2,000 feet, and more than 100 wells were drilled to these shallow sands. The well is located in Sec. 28, 7S-2W.

In Lafourche Parish, **Lake Boeuf Field, (B)**, Rovig Minerals, will drill the #1 Bord Ranch, SN 251291, to a depth of 14,000 feet to test the Rob L Stray Sand. The well is located in Sec. 34, 15S-18E.

Rovig Minerals will also drill the #1 Libby & Blouin, SN 251292, in **Southwest Lake Boeuf Field, (C)**, in Sec. 114, 15S-17E, in Lafourche Parish. The well will be drilled to a total depth of 14,000 feet, located north of production in the field.

In **Bully Camp Field, (D)**, Lafourche Parish, Mack Energy has permitted the #1 Convexx Oil & Gas, SN 251293, to drill to a total depth of 11,418 feet in Sec. 55, 18S-21 E. It is located on the north flank of the field.

ConocoPhillips has permitted its second Austin Chalk well, the #1 Hebert, SN 251314, in **Northwest Jackson Field, (E)**, West Feliciana Parish. It will be drilled to a total depth of 22,000 feet, (true vertical depth 15,500 feet), in a horizontal leg measuring

6153 feet from the surface location. The well is located in Sec. 42, 2S-1W, approximately 7 miles north of the ConocoPhillips #1 McKowen, the first well permitted on a block of acreage containing 40,000 acres.

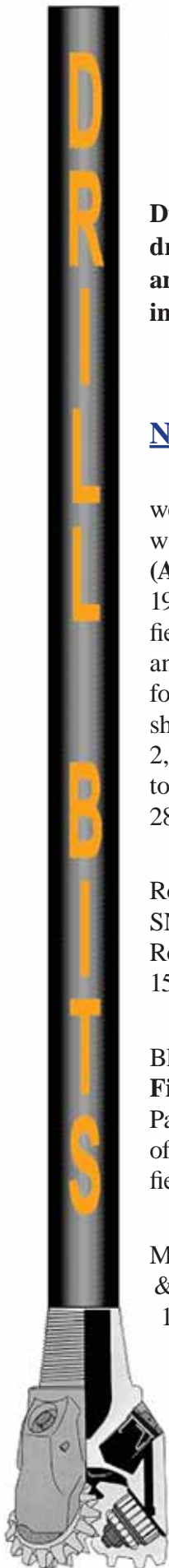
COMPLETIONS

LLOX has completed its #1 Castex Lafourche, SN 250823, in **Lake Enfermer Field, (F)**, in Lafourche Parish as a gas well flowing 2632 MCFD and 54 BDPD through perforations 13,439 to 13,449. The well was drilled to a total depth of 13,630 feet, located in Sec. 14, 20S-22E.

In St. Charles Parish, **Bayou Des Allemands Field, (G)**, Costa Energy has completed the #1 Simoneaux, SN 251069, as a gas well in the UL-5 Sand, flowing 2230 MCFD and 77 BCPD through perforations 11,440 to 11,464 feet. The well was drilled to total depth of 12,475 feet in Sec. 13, 15S-20E.

Byron Energy has plugged and abandoned the #1 Weiss Adler, SN 251204, in **Shell Island Field, (H)**, St. Mary Parish at a total depth of 17,766 feet. The well was located in Sec. 7, 18S-12E, approximately 1 mile west of production in West Deer Island Field.

LLOX has plugged and abandoned its #1 Patout Bros, SN 251216, in **Lydia Field, (I)**, Iberia Parish. It was drilled to a total depth of 9560 in Sec. 15, 13S-7E. It was drilled as a rank wildcat, located more than 1 mile from the nearest well.



Onshore & Offshore Activity Map for South Louisiana

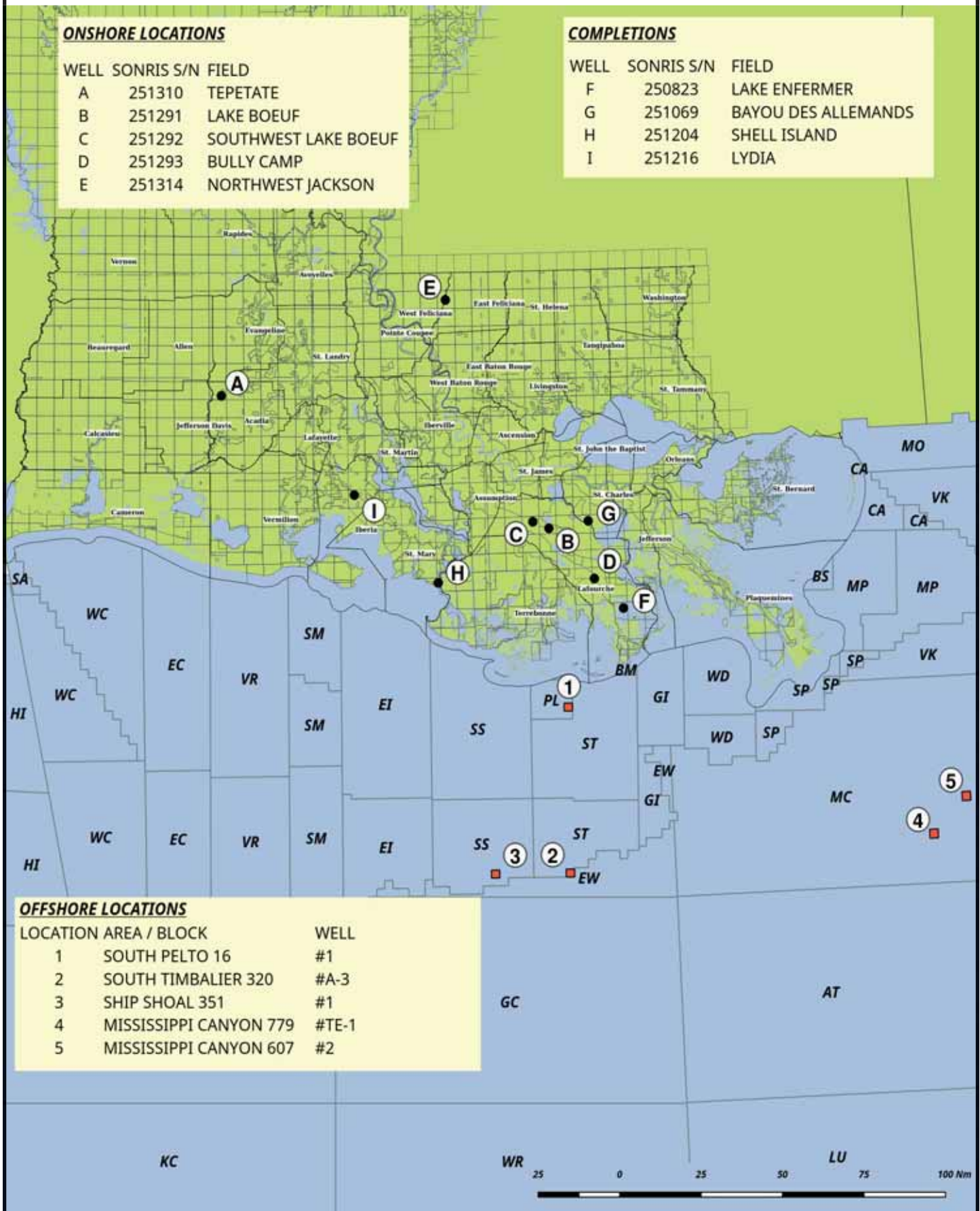
NOVEMBER 2018

ONSHORE LOCATIONS

WELL	SONRIS S/N	FIELD
A	251310	TEPETATE
B	251291	LAKE BOEUF
C	251292	SOUTHWEST LAKE BOEUF
D	251293	BULLY CAMP
E	251314	NORTHWEST JACKSON

COMPLETIONS

WELL	SONRIS S/N	FIELD
F	250823	LAKE ENFERMER
G	251069	BAYOU DES ALLEMANDS
H	251204	SHELL ISLAND
I	251216	LYDIA



OFFSHORE LOCATIONS

LOCATION AREA / BLOCK	WELL
1 SOUTH PELTO 16	#1
2 SOUTH TIMBALIER 320	#A-3
3 SHIP SHOAL 351	#1
4 MISSISSIPPI CANYON 779	#TE-1
5 MISSISSIPPI CANYON 607	#2

OFFSHORE GULF OF MEXICO

SHELF AND DEEPWATER ACTIVITIES

by Al Baker

During **September 2018**, the **BOEM** approved **75** Gulf of Mexico drilling permits. **Twenty** of these were for shelf wells, and **55** were for deepwater wells. Of the total number of permits, there were **5 new well permits**; **3** were issued on the shelf and **2** in deepwater.

The 3 shelf new well permits were for **2** exploration wells and **1** development well. The exploration permits included one to **GulfSlope Energy** for their **Ship Shoal 351 #1** and one to **EnVen Energy Ventures** for their **South Pelto 16 #1** well. The development well permit was granted to **Walter Oil & Gas** for their **South Timbalier 320 #A-3** well.

The 2 deepwater new well permits were for exploration wells. **ExxonMobil** received a permit for their **Mississippi Canyon 779 #TE-1**, and **Chevron U.S.A.** obtained a permit for their **Mississippi Canyon 607 #2** well.

On September 28th, **IHS-Petrodata** reported that the Gulf of Mexico mobile offshore rig supply stood at **76**, which is **1** less than last month. The marketed rig supply consisted of **45** rigs, of which **35** were under contract. The marketed rig supply number was the **same** as reported last month, and the contracted rig supply was **1** less than the previous month. The marketed contracted versus total rig supply utilization rate

stands at **59.2%**, and the marketed contracted versus marketed supply utilization rate stands at **77.8%**. By comparison, the September 2017 total fleet utilization rate stood at 37.2% (**versus 46.1% today**) with 35 out of the 94 rigs under contract.

As of September 28th, **BakerHughes** indicated that there were **18** active mobile offshore rigs in the Gulf of Mexico, which is **51.4%** of the rigs under contract mentioned above. This active rigs number is **2 more** than as reported last month. Of the 18 rigs, **3** are located on the **shelf**, and **15** are situated in **deepwater**. At the same time last year, there were 22 mobile offshore rigs operating in the Gulf of Mexico representing a **22.2% decline** year over year.

As of September 28th, the **BakerHughes** total U.S. rig count stood at **1054** rigs, which are **6 more** than reported at the end of August 2018. Of the 1054 rigs, **863 (81.9%)** are **oil rigs** and **189 (17.9%)** are **gas rigs**. A year ago, there were 940 rigs working in the U.S. Thus, the current rig figure represents a **12.1%** increase in rigs year over year. **Texas** still has the largest number of rigs with **529**, which is slightly over half (50.2%) of the total number of rigs in the U.S. **Louisiana** has a total of **62** rigs, **up 7** rigs from last month.

As of September 27th, the **BOEM** had accepted a total of **18** of the **144** high bids received in **OCS Sale 251**, which was held in New Orleans on August 15, 2018. The **remaining bids** that are under evaluation total **126**. The 90-day clock for the bid evaluation period runs out on November 13th.

Happy Thanksgiving!

"Be thankful for what you have. Your life, no matter how bad you think it is, is someone else's fairy tale."

Wale Ayeni

"Thanks are the highest form of thought, and gratitude is happiness doubled by wonder."

G.K. Chesterton

"I am grateful for what I am and have. My thanksgiving is perpetual."

Henry David Thoreau

"Thanksgiving day, man. Yeah, not a good day to be my pants."

Kevin James



2018 NOGS MEMORIAL FOUNDATION SCHOLARSHIP WINNERS



Photos by Tom Klekamp
(One of his very last tasks before he passed)

Matthew Tift

Jules & Olga Braunstein Memorial Scholarship
\$2500 Senior Cash Award

Haily Robert

Jules & Olga Braunstein Memorial Scholarship
\$2000 Junior Cash Award

Jarrett Levesh (not pictured)

George W. Schneider Memorial Scholarship
\$2500 Cash Award

Jared Bullock (not pictured)

Richard W. Boebel Graduate Scholarship
\$3000 Cash Award



Andrew Osborne

Jules & Olga Braunstein Memorial Scholarship
\$2500 Senior Cash Award

Rasheed Ajala

Lee H. Meltzer Graduate Scholarship
\$3000 Cash Award

Elliot Helgas

NOGS Memorial Foundation Scholarship
\$2500 Cash Award

(not pictured) **Sophie Vincent**

Jules & Olga Braunstein Memorial Scholarship
\$2000 Junior Cash Award



Cari Rand

James Allen Gilreath Graduate Scholarship
\$3000 Cash Award

Keir Nichols

NOGS Memorial Foundation Scholarship
\$2500 Cash Award

Colby Lejeune

Jules & Olga Braunstein Memorial Scholarship
\$2000 Junior Cash Award

Sara Nethercutt

Jules & Olga Braunstein Memorial Scholarship
\$2500 Senior Cash Award

~ In Memorium ~



Hank Edmond Ecroyd

Hank Edmond Ecroyd passed away on Thursday, September 27, 2018, at the age of 63. Hank was born on February 12, 1955 in Bad Kreuznach, Germany. Because of his father's military career, Hank grew up in many locations finally settling with his family in the Belton, Texas area. He graduated from Killeen

High School in 1974 and was a star-member of their championship water polo team. In 1977, he graduated from Texas A&M University with a B.S. degree in geophysics. He initially became employed as a petroleum exploration geophysicist with Tenneco Oil and later, in 1980, with Forest Oil in Lafayette, LA. In 1991, Hank moved to Mandeville, LA and furthered his geophysical career at Century Offshore, Murphy Oil and Chieftain International in the greater New Orleans area. In August 2001, he formed Beacon Exploration, LLC, an independent consulting and prospect generation firm, with his business partner and long-time geological associate, Al Baker.

During his 41-year, talented career, Hank was responsible for multiple, commercial discoveries of oil and gas in the U.S. Gulf region. His uncanny ability to interpret abstract scientific data and develop it into drillable prospects was a rare and commendable feat. Hank was a member of many professional societies, including the Society of Exploration Geophysicists, the Society of Independent Professional Earth Scientists and the New Orleans Geological Society.

Hank's true legacy is the tremendous influence and economic impact he had on the Honduran family of his wife, Maria. Through his generosity, Hank was instrumental with her in establishing a large, commercial coffee plantation that employs many of her family members. It also provides jobs and incomes for many others from the village of Choloma located in the mountains within the State of Santa Barbara, Honduras. The livelihoods of many Hondurans are because of Hank's vision for the future and his successful efforts to achieve his dreams for all.

Hank is survived by his loving wife Maria Tecero Ecroyd, his daughter Emma Yvonne Ecroyd Tyler, his step-son Jose' Mendoza and step-daughter Ligia M. Mendoza, his mother, Roseland Francois Jackson Ecroyd and his sister, Abbess Thecla (formerly Sherry Ecroyd). He was preceded in death by his father, U.S. Army Sargent Major Henry Edmond Ecroyd. Hank had three grandchildren, Maria Jose' Pascua, Gracia Maria Pascua and Jose' Amiliar Pascua. Hank will be missed by all who knew and loved him.

Memorial composed by Al Baker.



Phil Johnson

Phil, a graduate of Penn State, hired on with Pan American Petroleum in 1962, starting in their Corpus Christi office and finished his master's thesis in Geophysics in 1966. He was transferred to the Houston office in summer of 1964 and then to their Tulsa General office to work on a special project in July of 1967.

I met Phil in 1968 when I also was transferred to Tulsa to work on that same special project. In fact, he and I shared a very large office together and became best friends then. I worked in Tulsa for 10 years before I felt the need to get back to the region to do more "hands-on" exploration-type of work, so I transferred to New Orleans in 1978. To my great fortune, Phil followed by coming down to New Orleans in Dec of 1981.

Phil continued with PanAm (which became AMOCO) until his retirement in June 1995. He did some consulting with BP and others and was an independent consultant until recently. Phil was an expert in velocity determinations from seismic data, integration of seismic with well control and imaging enhancements. He has always enjoyed sharing his knowledge with others and had even set up a blog in recent years. Phil passed away on Monday, October 1, 2018.

Memorial composed by Al Brown.

A Memory of Tom Klekamp

In the eight plus year that I knew Tom Klekamp I can say the he was a scholar, an artist, a good and generous man and a good friend. Tom never stopped learning and embraced knowledge with a boyish enthusiasm. In fact, on day he passed we were having a lively on-line dialogue on the geology of Lake Pontchartrain. He was a kind person who tried to see people as basically good. Many times, I heard him take a view not his own to see if the premises were understandable.

Tom was a natural scientist and philosopher. If he had lived in the past, he would have been a Renaissance man and would have been quite comfortable conversing with the natural philosophers like Rene Descartes or Charles Lyell. His motives were always the joy of understanding. Tom was not a man absorbed in himself; he shared his knowledge and understanding freely. He was not boastful of his accomplishments and was shy in putting them forward. He considered the opinions of others and was not critical in trying to understand other points of view. He was generous to a fault. Most of all Tom was a good husband, family man and friend. Tom's character gave me the incentive to be a better and kinder person. In this world so full of bad actors, the loss of a good man is very hard to accept. I will deeply miss Tom's good fellowship, kind nature, intelligent conversation and joy of learning.

Memorial composed by John Skinner.

Tom Klekamp

NOGS LOG Editor (2015-16)

I first met Tom in 2014, at a lunch in order to meet the new editor, Tavia Prouhet and the editor-elect, Tom Klekamp. He was very excited to let me know that graphic design was a serious hobby of his and he "dabbled in it" (his words) for various publications. My first (horrified) thought was, "Great. Another weekend warrior whose enthusiasm outpaces his skill." I was quite pleasantly surprised and finally impressed with his design skills. He was also an excellent photographer, and always seemed to effortlessly get those perfect candid photos we needed for the *NOGS LOG*. He was a wonderful editor to work with and I'll miss him.

*Memorial composed by
Kristee Brown,
Creative Graphics & Printing*



Tom Klekamp

Tom Klekamp received a BS (1967) from Xavier University and an MS (1971) from the University of Cincinnati. He began his career in 1972 as a geologist with Shell Oil Company and in 1977 served as district geologist for Energy Reserves Group. In 1981 he co-founded El-Can Exploration Inc., and since then served as director for El-Can. He was also the president of Amber Resources, L.L.C.

Tom was a board member of the Pryor-Motl Geology Scholarship Fund and in 2006 he founded the Klekamp Student Travel Fund, both for the University of Cincinnati Department of Geology. Tom was an active NOGS member and served as a member of the AAPG House of Delegates (2004-07), Memorial Foundation (current), president (2009-2010), editor (2015-2016), treasurer (2002 - term unfulfilled), and editorial committee for 2005 GCAGS Transactions. Tom was a major editor for the 2010 Oil & Gas Fields of South Louisiana, NOGS last publication. He was also the SIPES New Orleans Chapter treasurer (two terms) and is currently editor of the New Orleans Chapter Newsletter for SPE. He is a member of AAPG-DPA, SEPM, and GSA, and is a Geological Society of London fellow.

He was currently the chairman of the Field Trip committee and was organizing a trip to Baton Rouge for a Mississippi River model exhibit. Tom was an amateur astronomer and had a passion for studying the universe via his excellent telescopes.

Our friend and colleague Tom Klekamp passed away on October 4th, 2018. His dedication will be very missed.

Memorial composed by Ed Picou and Chris McLindon.



Chris McLindon with guest speaker Dr. Michael Hopkins

NOGS October Luncheon

October 1, 2018

Guest Speaker:

Dr. Michael Hopkins

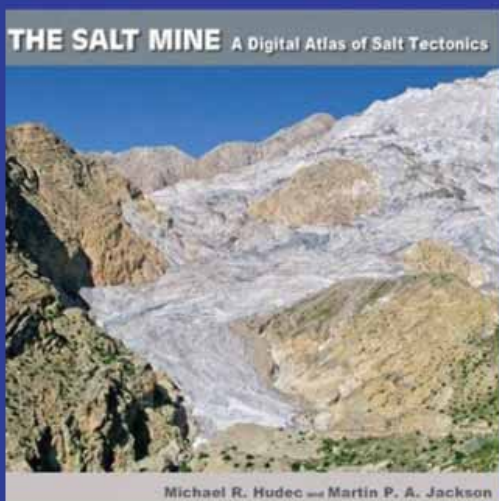
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*"Insights from Elevation Surveys
of Faulted Bridge Structures
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New Methodology for Quantifying
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The Salt Mine: A Digital Atlas of Salt Tectonics



*Dr. Michael Hudec
Senior Research
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LUNCH NEW ORLEANS

MONDAY, DECEMBER 3

Holiday Inn Downtown
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11:30 am

Members: \$30 - Guests: \$35

AFTER HOURS NORTHSHORE

MONDAY, DECEMBER 3

Zea Covington
110 Lake Drive, Covington, LA

5:30 pm

Members: \$30 - Guests: \$35

NOTICE FOR POTENTIAL CANDIDATES TO APPLY FOR VACANCIES ON THE SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY EAST AND WEST LEVEE BOARDS.

The State contact person is Ms. Stephanie Aymond at Stephanie.Aymond@LA.GOV . Applicants need to complete the official application, which can be found at the following link: <http://www.coastal.louisiana.gov/wp-content/uploads/2013/09/SLFPAApplication1.pdf>. Applicants are needed to fill the following Board vacancies:

The Nominating Committee will be seeking applicants for this year to fill the following vacancies for their term beginning in 2019 and ending in 2023.

A. Non-Resident:

1. SLFPA –East Board: One (1) Vacancy. A Non-Resident for the East Board means anyone who resides in the State of Louisiana or the United States; but, does not reside in either Jefferson or Orleans Parish in that respective portion of these Parishes that is located on the East side of the Mississippi River or anyone who resides in St. Bernard or Tangipahoa Parishes.
2. SLFPA-West Board: One (1) Vacancy. A Non-Resident for the West Board means anyone who resides in the State of Louisiana or the United States; but, does not reside in either Jefferson or Orleans Parish in that respective portion of these Parishes that is located on the West side of the Mississippi River.

A Non-Resident applicant can apply to both Board's or may choose to apply for only the East or West Board's, subject to the residency requirements.

B. Resident:

1. SLFPA-East Board Tangipahoa Parish Resident: One (1) Vacancy. The applicant for this vacancy must reside within the boundaries of Tangipahoa Parish.
2. SLFPA-West Board Orleans Parish West Resident: One (1) Vacancy. The applicant for this vacancy must reside in that portion of Orleans Parish that is located on the West side of the Mississippi River.



Contact NOGS at:
admin@nogs.org

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Eighth Page (3.75"x2.5")	\$600	\$300
Twelfth Page (3.75"x1.65")	\$375	\$188
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Mr. Jeff Jandegian

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