

# NCGS LOG

MARCH 2020  
Volume 60 No. 9

**MARCH 2020  
MEETING**

**Grey Areas:  
Interactive Application  
of Business Ethics in the  
Geoscience Profession**

**MONDAY  
MARCH 2**



# UPCOMING EVENTS

**MAR 2**

NOGS Luncheon  
Grey Areas:  
Interactive Application of  
Business Ethics in the  
Geoscience Profession  
John E. Jordan, Jr.

**APR 6**

NOGS Luncheon  
James Willis Welds and  
Sutures  
Holiday Inn Downtown  
Superdome



**MAY 4**

NOGS-PLANO-SPWLA  
Golf Tournament  
Beau Chene  
11:30 Start



**MAY 7**

SEG-NOGS Luncheon  
Speaker & Topic TBA  
Holiday Inn Downtown  
Superdome

[Click Here to Register!](#)



# IN THIS ISSUE



## On the Cover

The Pulpit Rock area in Norway is part of the Scandinavian mountains located in Rogaland, Norway, is a tourist attraction in the municipality of Strand in Rogaland county, Norway. Preikestolen is a steep cliff which rises 1,982 ft above the Lysefjorden. Atop the cliff, there is an almost flat top of approximately 82 ft × 82 ft. Tourism at the site has been increasing in the early 21st century, with between 150,000 and 200,000 visitors, making it one of the most visited natural tourist attractions in Norway.

BASE jumpers often leap from the cliff. Due to its increased popularity, there is currently a project under way to improve the most used path to the site, which is a 2.4 mile long hike.

## *From the Editor...*

Thanks to all those who continue to contribute to the monthly LOG. If you have any suggestions for future issues or have an article/photo(s) to contribute, please email me at [cmiller@ocsbbs.com](mailto:cmiller@ocsbbs.com). We would certainly love your input and any additional LOG content to be considered that may be of interest to NOGS members.



Charles Miller III  
NOGS LOG Editor

*Charlie*

# MARCH 2020 NOGS MEETING

MONDAY MARCH 2, 2020  
HOLIDAY INN DOWNTOWN SUPERDOME

## Grey Areas: Interactive Application of Business Ethics in the Geoscience Profession

Most large oil companies require their employees to have yearly ethics training which is often broad and dry. State licensees are also required to have one hour of ethics training every year; this talk will fulfill that requirement. Although I do not have a degree in philosophy or jurisprudence, I have been an international explorationist for 35 years and therefore I am aware of many situations where individual or business ethics were tested. I have been giving ethics lectures in the Houston area for several years. Three years ago, I gave a lecture introducing the theory of philosophical ethics and explored the difference between moral compass and ethics and how this relates to business ethics. Two years ago, we reviewed this model and then applied it to our industry with LIVE feedback from the audience via polling technology. This year I plan to have a very brief review of the Business Ethics Model, a review of the AAPG ethics/code of conduct and focus heavily on examples where your business ethics are tested. I need to hear from YOU to make this experience more meaningful!

Please submit ethics examples you have encountered in your career to me at (John.Jordan.DPA@gmail.com) to be considered for use in the lecture. Examples will be anonymous, and the situation will be modified, but the issue will be the same as submitted. Using the examples, the audience will provide immediate digital feedback while we discuss Business Ethics focusing on making sound, consistent and ethical decisions. Come and join this entertaining and spirited discussion about the "grey areas" and make sure to bring a phone that is capable of texting. AAPG will provide all participants with an Education certificate.



**JOHN E. JORDAN, JR.**

John E Jordan, Jr. is the 2019/2020 President of the AAPG Division of Professional Affairs (DPA), Past President of the Houston Geological Society (HGS) and a licensed geoscientist in Texas. He is a retired Project Geophysical Advisor who has worked for several Fortune 500 oil companies in California and Texas. Prior to joining Anadarko in 2007, he worked at Kerr McGee, Noble Energy, Arco and Chevron. During 30+ years in the oil industry, he has worked deep-water and onshore projects from Alaska and the Gulf of Mexico to the Middle East, Asia, Africa and South America. John is a graduate of Wright State University where he received both a BSc and an MSc from the College of Science and Mathematics majoring in geology and geophysics. He does not hold degrees in philosophy or jurisprudence but enjoys lively debate on most any subject.

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# FROM THE NOGS PRESIDENT ROBERT ROONEY



Springtime! Nothing like springtime in New Orleans. For me it evokes memories of Sunday afternoons as a tot at my grandmother's house on Webster Street. Nothing like being the first choice for dibs on the olive out of aunt Claire's martini, or the orange out of aunt Margie's old fashion. Mom-n-'ems was the weekly tradition for us, and it was non-negotiable. Did not appreciate it so much at the time, but recently have been going through boxes of family memorabilia. I purchased a slide and negative photo scanner which creates jpeg images that bring the old guard to the digital age which, through the miracle of DropBox, allows my siblings to post those old photos to social media. What a great city we live in, what great traditions we have, and what a great professional Society we belong to.

I remember my first NOGS meeting as a new-hire assistant geologist with Freeport Sulphur company in the 1980s. My boss insisted that I attend the luncheon meeting where the guest speaker was a local industry leader. What I remember from his talk were these words...."you all may not know it now, but in another 10-20 years your future will be determined, not by oil and gas people, but by a financial professional with an MBA working behind a computer screen". That prediction seemed important at the time, and in the current world of private equity investing that is where many of us are. There are adaptations we all make in such an environment, but still we may long for a connection to the wildcatter who funds his geologist's ideas out of his back pocket and rewards successful ideas with royalty payments. Don't give up on dreams of such arrangements, they are what makes our profession unique and they do exist. There are few professions which create great wealth from the ground based on original ideas backed by scientific analysis, experience, and instinct. It can be a challenge these days to feel that you can make a difference in your profession and in your community, but you certainly can. This brings me to the point of this month's president's letter.... NOGS Board-position Nominations.

NOGS was founded in 1941 and has a long tradition of sharing technical knowledge and providing a social forum for interaction with our peers. We share our fortune through financial contributions to further earth science education in our community, and by providing scholarship opportunities to our universities, UNO, Tulane, and LSU.

The good works that NOGS provides are not limited to these activities, but can be expanded and grown with volunteerism, energy, and new ideas from the Board of Directors. The Board positions may seem to be a mystery to some, but really it is quite simple. We are all volunteers doing our best to keep the solid tradition of our profession of geology in New Orleans going forward, and we build on the good works of those who have come before us. The following is a brief description of each of the board positions. It is the hope of the current Board of Directors that some of our members will step up and offer to run for the following positions:

**President-elect:** This position is also known as "Social Chairman." You will organize social events which have typically been the Kick-off party, Christmas party, and Golf tournament; however, there is always room to add or change the events to better attract your peers and allow the incoming president to get to know the membership. The President-elect will serve as president in the following year.

**Vice-president:** This is a fun position! As Vice-president you are responsible for arranging the technical presentations for the monthly luncheons. As point-person, you will have the opportunity to direct the subject matter of the talks, and as the luncheons approach, you will personally interact with each speaker to determine any unique requirements, and make sure the AV equipment is sufficient. You will also introduce the speakers and present the award after the presentation.

**Treasurer:** A very important position, and one which involves intimate understanding of the financial workings of the society, interaction with the accountant who prepares the yearly filings, interaction and communication with the President on all financial matters, keeping up with the investment account, and monthly reporting to the Board of Directors. If you are a person who enjoys working with figures and ledgers, then this is the position for you!

**Secretary:** The secretary makes sure that the meeting is conducted according to Robert's Rules of Order and he/she publishes the minutes which are made available to the board by the next meeting. I think Secretary is one of the positions that provides the most insight to the workings of the Society because you get to record the actions of each of the Board members. In the absence of the President, the Vice President is next in line to run the meetings, and in the absence of both, then the Secretary is next in line to run the meeting. I think if I were Secretary previously, I would have been a much better President.

**Editor:** We owe so much thanks to our Editors! In years past, Editors have stood for repeat years. The Editor is responsible for the content of the material published in the *NOGS LOG*. The Editor also gathers information from the contributors and ensures timely submittal of the material. The Editor also works closely with our Administrator, Christy Himel, who has created a publishing format that provides, seamless transition to the finished *NOGS LOG* located on our website. The Editor is supported by several volunteers to assist in editing so you will not be alone in this duty.

**Editor-elect:** This position follows the Editor, attends Board meetings, and is basically editor-in-training ready to take over as Editor the following year.

**Director:** This position is usually a former President or officer of the Board of Directors, and is one of three directors serving a three-year-term. The initial position is Director C, who is the replacement of the current Director C, who in turn becomes Director B. Director B becomes Director A, hence the three-year term. The Directors follow activities of established committees, report on committee activities, and provide insight to the Board as needed, based on their past experiences as President or Board member. The official duties of these positions can be found in the Constitution and Bylaws on the NOGS website.

Please consider putting in your nomination for one of these positions for the 2020-21 NOGS term. 2021 will be our 80th anniversary which is really something to be proud of. Contact Nomination Chairperson Jennifer Connolly at [Jennifer.Connolly@shell.com](mailto:Jennifer.Connolly@shell.com) directly to inquire, or to make a nomination.

I wish everyone a pleasant and safe spring!



Let's Play

# GOLF

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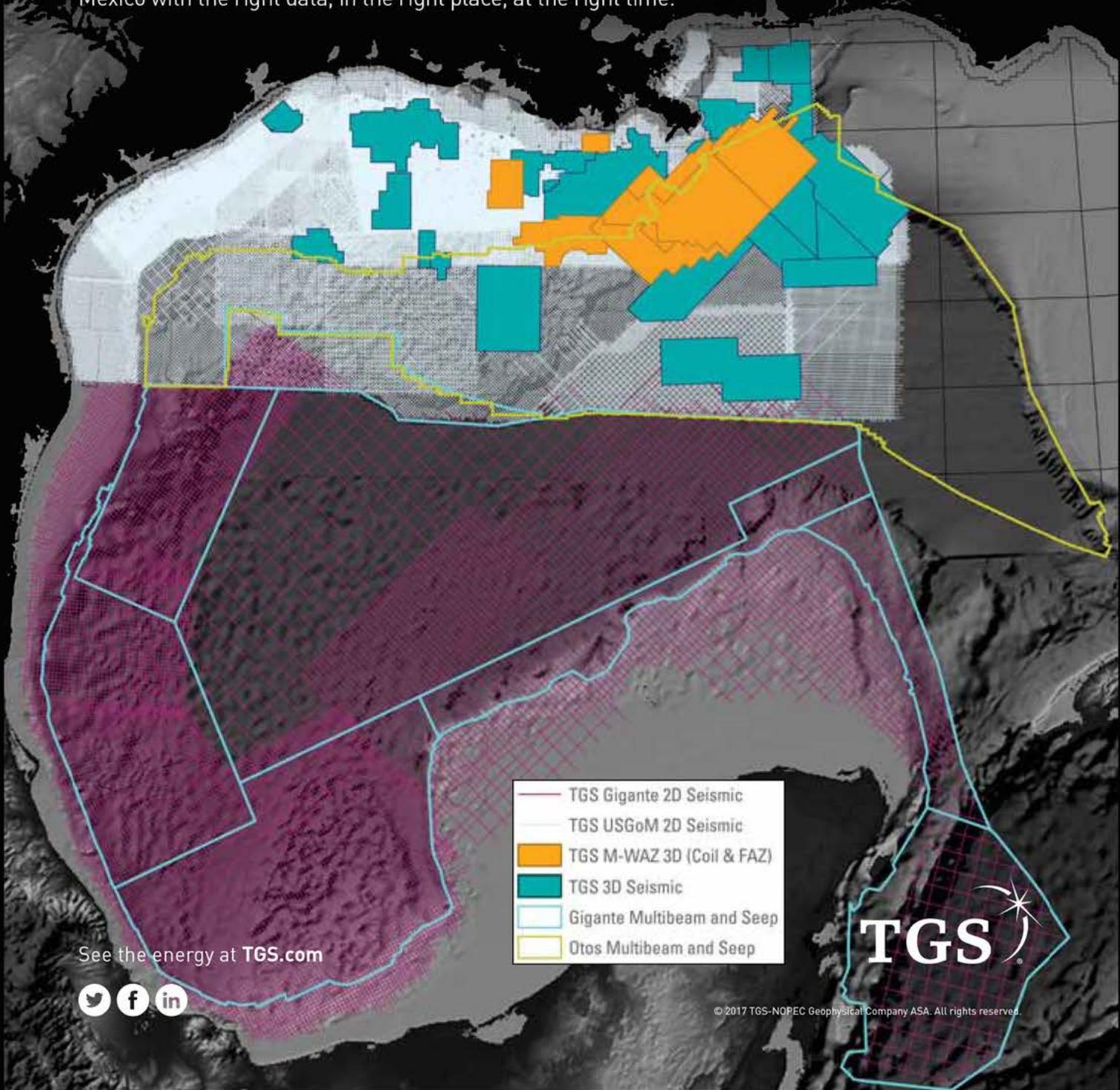
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- Gigante Multibeam and Seep
- Otos Multibeam and Seep



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# PICTURE FROM THE PAST



New Orleans Geological Society - Officers 1968-69  
J. A. Gilreath                      Robert G. Williamson                      Peter G. Gray  
2nd Vice-President                      Secretary                      Treasurer  
Lee H. Meltzer                      Robert F. Barrell  
President                      1st Vice-President

## NOGS

The photo is of the 1968-1969 Board Officers, now all deceased. Photo includes J.A. Gilreath (2nd Vice-President), Robert G. Williamson (Secretary), Peter G. Gray (Treasurer), Lee H. Meltzer (President) and Robert F. Barrell (1st Vice-President)

*Submitted by*

*Ed Picou, Chairman - Historical Committee*

# advertising rates

The New Orleans Geological Society was organized on October 3, 1941, as a non-profit organization for the purpose of facilitating the development of the profession and science of Geology, with specific emphasis to exploration and production of petroleum and natural gas. Secondary related objectives include the dissemination of pertinent geological and environmental technological data, and the maintenance of a high standard of professional conduct of its members. The full history of the Society can be found at [nogs.org](http://nogs.org).

Advertising rates have not changed since 2008 but the printing process has allowed printing the LOG entirely in color. Please contact Christy Himel [admin@nogs.org](mailto:admin@nogs.org) for placement availability. Full page NOGS LOG advertisers will have their Company LOGO posted on the NOGS Website front page. All advertisers are included on the Society's monthly powerpoint and listed on the website with a link to their home page. Please check out our website [www.nogs.org](http://www.nogs.org)

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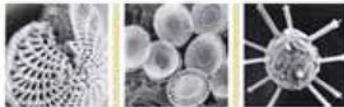
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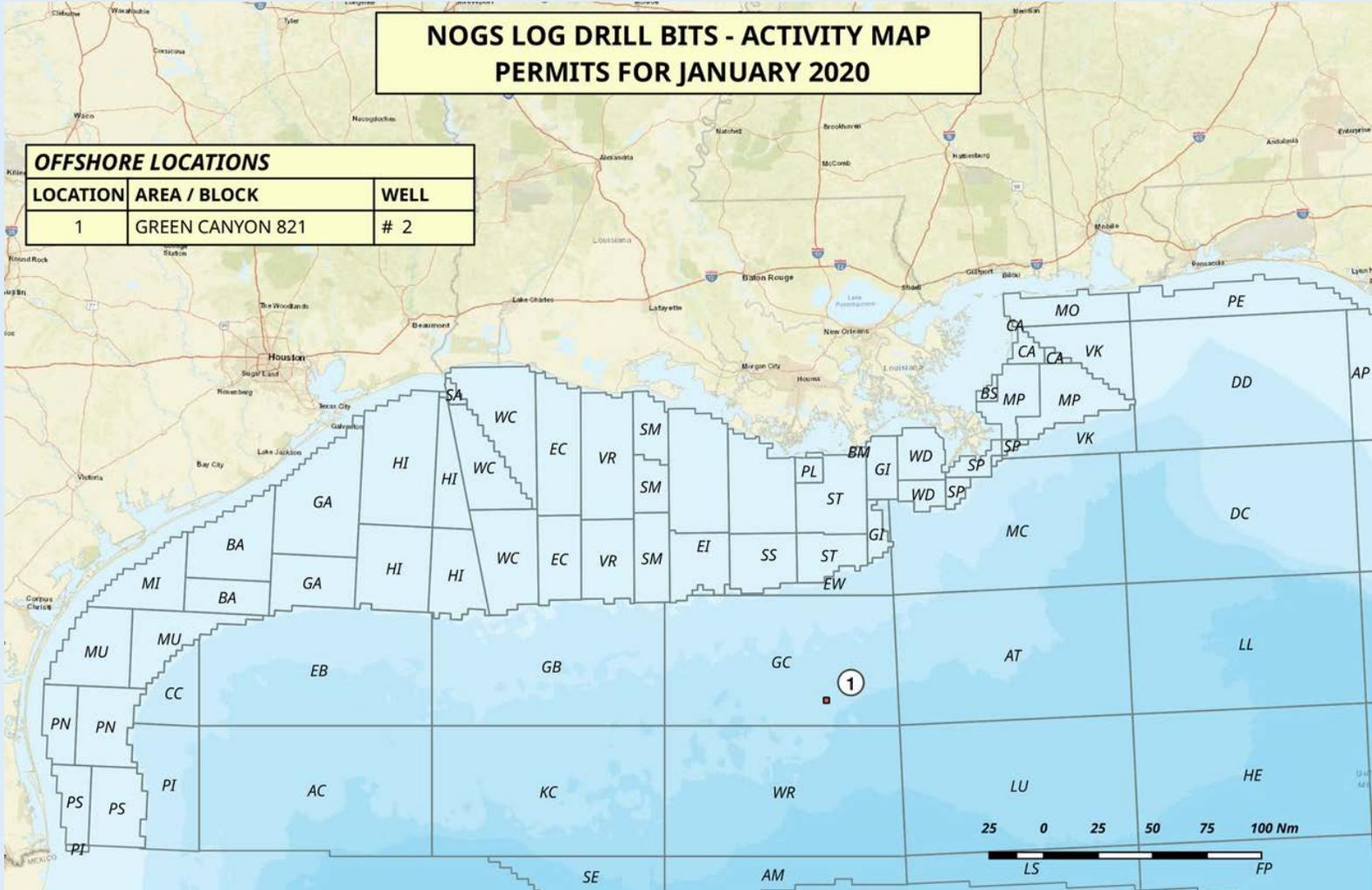
# DRILL BITS

OFFSHORE GULF OF MEXICO SHELF AND  
DEEPWATER ACTIVITIES  
BY AL BAKER

## NOGS LOG DRILL BITS - ACTIVITY MAP PERMITS FOR JANUARY 2020

### OFFSHORE LOCATIONS

LOCATION	AREA / BLOCK	WELL
1	GREEN CANYON 821	# 2



**NOGS**  
**LOC**



# DRILL BITS

OFFSHORE GULF OF MEXICO SHELF AND  
DEEPWATER ACTIVITIES  
BY AL BAKER

During January 2020, the U.S. Department of the Interior Bureau of Safety and Environmental Enforcement (BSEE) approved 82 Gulf of Mexico (GoM) drilling permits. Eighteen of these were for shelf wells, and 64 were for deepwater wells. Of the total number of permits, there was 1 new well permit, and it was issued in deepwater. The single deepwater new well permit was for an exploration well. Beacon Growthco Operating Company received the new well permit for their Green Canyon 821 #2 well.

On January 31st, IHS-Petrodata indicated that the GoM mobile offshore rig supply stood at 69, which is 2 less than last month. The marketed rig supply consisted of 40 rigs, of which 31 were under contract. The marketed rig supply and the contracted rig supply numbers are also both 2 less than last month. The marketed contracted versus total rig supply utilization rate stood at 44.9%, and the marketed contracted versus marketed supply utilization rate stood at 77.5%. By comparison, the January 2019 total fleet utilization rate stood at 44.4% with 32 rigs under contract out of the 72 rigs in the fleet.

As of January 31st, BakerHughes reported that there are 21 active mobile offshore rigs in the GoM, which is 67.7% of the rigs under contract mentioned above. This active rigs number is 2 less than reported last month. Currently, there are 2 rigs drilling on the shelf and 19 in deepwater. In December of last year, there were 19 mobile offshore rigs operating in the GoM representing a 10.5% increase in active rigs year over year.

As of January 31st, the BakerHughes total U.S. rig count stood at 790 rigs, which is 15 fewer rigs than reported at the end of December 2019. Of the 790 rigs, 675 (85.4%) are oil rigs and 112 (14.2%) are gas rigs. A year ago, there were 1045 rigs working in the U.S. Thus, the current rig figure represents a 24.4% decrease in rigs year over year. Texas continues to have the largest number of rigs presently with 395, which is exactly half (50%) of the total number of rigs in the U. S. Louisiana has a total of 52 rigs, down 6 rigs from last month. Nationwide, Louisiana ranks fourth in the rotary rig count; New Mexico ranks second with 108 rigs, and Oklahoma ranks third with 53 rigs.

U.S. Department of the Interior Bureau of Ocean Energy Management (BOEM) will hold OCS Sale 253 in New Orleans on March 18, 2020.



# NOGS 2020

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## NOGS JUDGES TULANE SCIENCE FAIR



**NOGS JUDGES: DAVE REITER, DARBY REITER, LEANNE SALATHE AND MIKE FEIN**

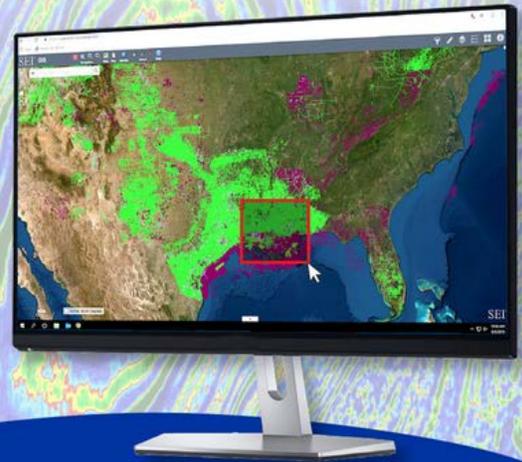
On Tuesday, February 11th, and Wednesday February 12th, NOGS judged Junior Division and Senior Division projects at the Greater New Orleans Science and Engineering Fair held at Tulane University.

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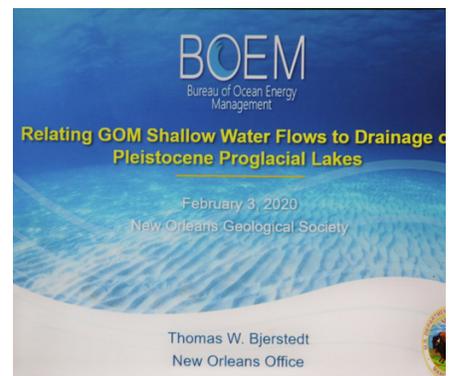
Donald & Marianne Klekamp - *In Memory of Thomas Klekamp*

Shell Oil Company Foundation

Alex Janeveski

# FEBRUARY 2020

## HOW HOT IS THE KITCHEN? RUDY WILHELM



### Scenario for Lake Tight Drainage





NEW ORLEANS  
GEOLOGICAL  
SOCIETY  
*Auxiliary*



Members of the N.O. Geological Auxiliary met on Wednesday, February 12 at Andy's Bistro for lunch. The food was excellent and very abundant and enjoyed by all. It was great to see Jim Yeldell, husband of president Camille, Charley Corona and Roy Walther husbands of Board members Trudy and Mary. Ed Picou and Dan Armstrong also joined in. Camille thanked committee chairmen Mary Ellis Hazeltine, joined by George, and Judy Sabate. Decorations had a Mardi Gras theme.

*New Orleans Chapter of*  
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*presents it's*  
**5th Annual Membership Drive Crawfish Boil**

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**11:30am to 1:30pm**

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If you are interested in joining  
our Society and attending the  
Crawfish Boil please contact:

*Eric Broadbridge*  
[eric@northcoastoil.com](mailto:eric@northcoastoil.com)  
504-884-0049

## FIELD TRIP

As part of our Tulane University course on the geology, history, biology, and anthropology of the Grand Canyon, we take a trip on motorized rafts from Lee's Ferry to Whitmore Wash, 188 miles on the Colorado River through the Grand Canyon. We are now in our 46th year of the course and raft trip. This year we have some extra seats on the rafts and we are offering these seats to the NOGS community. Any geologist should be interested, as it is a once in a lifetime experience and an opportunity to visit places fundamental to our understanding of the Earth Our trip runs from May 20 through May 28, departing from Las Vegas (although there is a possibility that one could depart from Lee's Ferry if they were driving out there or happen to be in the area). The cost of the trip is \$3550 per person and includes the raft trip, all meals, and accommodations (tent, sleeping bag, and camping sites on beaches along the Colorado River). It does not include airfare to and from Las Vegas. We intend to fill the seats in the next few weeks, so anyone who is interested should contact Steve Nelson as soon as possible.



*Please feel free to  
call (504) 812-9397 or  
write [snelson@tulane.edu](mailto:snelson@tulane.edu) if you have any  
questions.*

# 14TH ANNUAL LOUISIANA WATER CONFERENCE

March 23 & 24, 2020

Dalton Woods Auditorium  
Energy, Coast, & Environmental Building  
Louisiana State University, Baton Rouge, Louisiana

Opening date to send titles & abstracts January 2, 2020

Registration opens January 6, 2020

Abstracts due March 2, 2020

End of early registration March 4, 2020

Abstract submission [easychair.org/conferences/?conf=lawater2020](http://easychair.org/conferences/?conf=lawater2020)

To register [www.lsu.edu/lgs/](http://www.lsu.edu/lgs/)



Presented by the Louisiana Geological Survey &  
the Louisiana Water Resources Research Institute



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The Southeastern Geophysical Society  
proudly announce the  
**2020 ANNUAL SCHOLARSHIP FUNDRAISING GOLF  
TOURNAMENT**

**WHEN:** Wednesday, March 18<sup>th</sup>, 2020, 9:00 AM Shotgun Start

**WHERE:** Bayou Oaks at City Park - South Course,  
1040 Fillmore Ave, New Orleans, LA

**REGISTER:** Fill out the registration form below & return to  
[sgsluncheon@gmail.com](mailto:sgsluncheon@gmail.com)

**PAYMENT:** Online at <http://sgs-neworleans.org/> or via check

**CALL FOR SGS SCHOLARSHIP SPONSORS**

SGS invites both organizations and individual SGS members to contribute to our annual scholarship fundraiser. Each year, SGS awards scholarships to high school seniors and college students majoring in the earth sciences, and our spring golf tournament is the primary source of scholarship funding. These scholarships are an important contribution to the promotion of scholastic excellence, and your participation in the golf tournament will support this worthy cause.

***Company / Organization Sponsorship***

Organizations can donate online by visiting <http://sgs-neworleans.org/>. Click on the "Golf Tournament" tab and specify your sponsorship level under "Sponsors".

***Organization Sponsorship Levels***

<i>Platinum</i>	<i>\$1,000</i>
<i>Gold</i>	<i>\$500</i>
<i>Silver</i>	<i>\$250</i>
<i>Hole</i>	<i>\$100</i>

Organizations are also encouraged to donate "Ditty Bag Fillers" such as golf balls, golf towels, t-shirts with logos, tees, ball markers, convention exhibit booth give away items with logos, snacks, and "in kind" donations such as gift certificates.

***Individual SGS Members Wishing to Contribute to the Scholarship Fund***

For members unable to participate in the golf tournament, you can still contribute to the scholarship fund! This is a great opportunity to support geoscience education & promote SGS in the local community. Members can donate online by visiting <http://sgs-neworleans.org/>. Click on the "Golf Tournament" tab and use the paypal "Donate" button to specify a flexible amount.

Lastly, check out the fun we had at last year's golf tournament!  
[http://sgs-neworleans.org/archives/sgs\\_newsletter\\_apr\\_15.pdf](http://sgs-neworleans.org/archives/sgs_newsletter_apr_15.pdf)

Please direct tournament entry correspondence to the following representative:  
*Ken Reynolds (504) 952-8399 or [sgsluncheon@gmail.com](mailto:sgsluncheon@gmail.com)*