2018-2019 Shreveport Geological Society Board

Meet the Board p. 7
Change and Demand p. 13
GCAGS-GCSSEPM Details p. 35
Hello to all and I hope everyone had an enjoyable summer! Drawing on inspiration from FDR, I set out to pen this correspondence from my hearth with the gas logs on and a dog at my feet but quickly had to abandon the notion when it became much too warm, even with the air conditioner set on 65. So much for the attempted endearing newsletter…

However, as temperatures begin to cool, the SGS will be heating up for an exciting year. Oil prices seem to be hanging in there and are certainly much better now than they were a year ago. West Texas Intermediate is priced around $20 higher per barrel at the time of this writing than it was last September. Natural Gas is another story with the resource plays producing full bore, including the Haynesville, of which I’ve been told 90% remains to be drilled. However, I would like to say that I am cautiously optimistic for oil markets in the near future and hope to see a stable price set in and stick around.

Our first speaker will be Ray Leonard on “Climate Change, Peak Demand and the Challenge for the Oil and Gas Industry”. I look forward to his talk and suspect this will lead to some healthy debate.

The ALTAPL/SGS Golf Tournament will be held again at East Ridge Country Club September 7th and will be divided into two flights with shotgun starts beginning at 7:30 AM and 1:00 PM. The tournament will be followed by an evening of libations, dinner, and
door prizes. This is always one of the highlights of the SGS season and being the poor golfer that I am, I particularly enjoy a good four-man scramble. The deadline for entry is August 24th, so don’t forget to get your entry forms in!

As I’m sure you all know, Shreveport will be hosting the 68th Annual GCAGS Convention September 30th-October 2nd just a short walk away from many of your offices. In those three days, there will be over sixty technical talks covering subjects that range from depositional settings, deepwater exploration, modern seismic technology, and many more. In addition there will be field trips, poster sessions, short courses, luncheons, and a tennis tournament. Kevin Hill has also agreed to drink wine with us again on a weeknight and talk about geology. Not a bad way to get some continuing education hours if you ask me! There is truly something for everyone and I encourage all of you to sign up, attend, and bring your spouse as we are set to have a great convention right in our hometown.

I look forward to seeing all of you in the coming months and hope to serve you well as your new President. Please do not hesitate to call or email me if I can be of any assistance to you.

Best,

Lewis Billingsley

WE NEED YOUR HELP!
Please Volunteer to
Judge a Technical Session at the GCAGS Convention.
Contact: Mark Dunham
mdunham@sugarcreekproducing.com
318-221-2899

INTERESTED IN SPONSORING?
Corporate sponsorship opportunities are still available.
Visit GCAGS2018.org to sign up.
Faithful Friends 2017-2018

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Carl Gray             BER-EX-CO., Inc.
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Milbird Resources, L.L.C.  Bivins Energy Corporation
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Stratagraph, Inc.      Marlin Exploration, L.L.C.
Joe White, Jr.        Weiser-Brown Operating Co.
William Downs         Spanoil Exploration, LLC
Qiu Lu                Sugar Creek Producing Company, L.L.C.
Windell B. Phillips   Clifford Leonard

To be a Faithful Friend for 2018-2019, please contact Qiu Lu.

Invest in the Future

You can donate to the SGS Scholarship Fund online at SGS1.org or by writing a check to the SGS with “Scholarship” in the memo line, and you may include an “in memory of” or “in honor of” note as well.

Mail to: Shreveport Geological Society,
P.O Box 750, Shreveport, LA 71162.

Keep in Touch through the Shreveport Geological Society LinkedIn Group.
Calendar of Events

View this interactive calendar at SGS1.org

September 7
25th Annual ALTAPL-SGS Golf Tournament (page 30)

September 14
RSVP for the Monthly Meeting

September 18
Monthly Meeting: 11:30 a.m. - 1 p.m.; Petroleum Club 15th Floor
Ray Leonard presents “Climate Change, Peak Demand and the Challenge for the Oil and Gas Industry”

September 30 – October 2
GCAGS-GCSSEPM Convention in Shreveport

September 29 – October 7
Mock Dig at the Red River Revel (page 18)


Contact the Newsletter Editor: 1RachelMcNerney@gmail.com
Meet The Board

President
Lewis Billingsley has worked as a Geologist for Justiss Oil Company for the last 5 years. He graduated from the University of Arkansas in Fayetteville. In his spare time, Lewis enjoys traveling, hunting, and mountaineering.

First Vice President
Qiu Lu has been working as a geologist for O’Brien Energy Company since 2006. She is currently serving her third year on the SGS board. She oversees the SGS Faithful Friends Program. She enjoys traveling and reading.

Second Vice President
Cody Lenert has worked for Marlin Exploration for twelve years. He is honored to be on the board and helping in any capacity needed. Cody enjoys spending time with his wife and 2 boys and his favorite hobbies are duck hunting and fishing for redfish & speckled trout.

Secretary
Zach Gray is ten years into his career as a petroleum geologist. He has previously worked for Forest Oil in Denver and Chief Oil and Gas in Dallas and in currently working for Ensight IV Energy here in Shreveport. He is proud to serve on the SGS board and looks forward to the coming year.
Meet The Board

(continued)

**Treasurer**

**Morris P. Nichols** has been employed at Stroud Exploration Company for 19 years. He has served previous terms on the boards of the Shreveport Geological Society, the Shreveport Map Association as well as the Shreveport Petroleum Data Association. Morris’s hobbies include Golf, Tennis and Hunting.

**Board Member**

**Sarah Kaye Wilkes** has worked as an Environmental Geologist for Jones Environmental, Inc. since her graduation from Centenary College in May 2013. She specializes in Phase I Environmental Site Assessments as well as soil and groundwater sampling and remediation plans. She is excited to join the SGS board and learn from the experiences and knowledge of fellow board members.

**Board Member**

After graduating from Centenary in 2010, **Matthew Chumley** began his career with Nadel and Gussman as an exploration geologist working projects in North Louisiana, South Arkansas, East Texas and North Texas. He recently finished a term on the board of directors for the Shreveport Petroleum Data Association and currently serves on the St Joseph School Council. He enjoys spending time with his wife and two young children and is an avid outdoorsman.
Meet The Board
(continued)

Board Member
Jamey Walker recently retired from R. Lacy, Inc. in Longview, Texas after 28 years as a geologist and most recently V. P. and head of the Exploration Department. He formed Huntington Resources in June 2017, a geological consulting business. A 1978 graduate of LSU with a BS in Geology, he has almost 40 years of experience in the oil and gas industry. Having worked for several independents in Shreveport back in the 1980’s he has strong connections to the SGS. He looks forward to working with other Board members to strengthen the SGS and continue the tradition of providing education, fellowship, and support for fellow geologists.

Board Member
Zach Kelly is a geologist at Milestone Energy. He is currently serving his third year on the SGS Board. As a board member, he oversees SciPort and Youth Activities. He graduated from LSU and enjoys watching sports.

Executive Assistant to the Board
Annie Green has been a geotech for Nadel and Gussman for three years. Prior to that, she was a geotech at Tensas Delta/TDX Energy for 11 years. She is SGS's Executive Assistant to the Board as well as Publication Committee Chairman. She also serves on the Christmas in Haughton Festival and National Night Out planning committees. In her free time, Annie enjoys outdoor adventures with her husband and three sons.
The September Meeting
Make your RESERVATION

Ray Leonard presents
“Climate Change, Peak Demand and the Challenge for the Oil and Gas Industry”

11:30 a.m. Tuesday, September 18
The Petroleum Club of Shreveport, 15th floor
Cost: $20, Children 10 and under $8

We encourage members to invite guests, spouses, and friends to any of our meetings.

If you’d like a seat, kindly RSVP by Friday, September 14 at SGS1.org, or email or call in your reservation to Cody Lenert
clenert@marlinexploration.com
318-222-8406

Name: ____________________________________________

I will bring ___ guest(s):__________________________
______________________________________
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Ray Leonard was born in New York and received a Bachelor of Science in Geology from the University of Arizona and a Master of Arts in Geology from the University of Texas at Austin. He is currently President of Anglo Eurasia, a consulting firm for the Oil and Gas Industry. He has held executive positions with Amoco, FIOC, the Russian Oil Major YUKOS, the Hungarian National Oil Company MOL, the Kuwait Energy Company and was most recently Chief Executive Officer of Hyperdynamics, an independent oil company exploring for oil and gas in West Africa.

He has been recognized for his technical excellence by the American Association of Petroleum Geologists being named a Distinguished Lecturer in the Field of Geochmistry and by numerous professional publications including diverse subjects such as the Origin of Overpressure, geology of Offshore Trinidad, the North Sea, East Siberia and Russian oil reserves.

He has been active in the debate regarding world oil and gas reserves for many years, presenting and publishing at forums such as Council on Foreign Relations (1994 and 2014), Center for Strategic Studies (2001), International Energy Agency (2003), the AAPG Hedberg Conference (2006), Aspen Forum (2008), Emirate Center for Strategic Studies (2013) and 26th World Gas Conference (2015).
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Anthony J. Spano
President
Abstract

“Climate Change, Peak Demand and the Challenge for the Oil and Gas Industry”

Ray Leonard, Anglo Eurasia LLC
Art Berman, Labyrinth Consulting Services

During the past 150 years, the oil and gas industry has faced and adapted to a wide range of challenges; war, depression, periods of extreme surplus and scarcity, scientific breakthroughs and advances in technology. Now, however, it faces the greatest challenge; how to deal with a changing climate caused in large part by the emission of CO2 due to the burning of hydrocarbon fuels.

The current atmospheric concentration of CO2 is at 411 ppm, rising at 2.7-3 ppm/year and by 2050 will be at a level not seen in the past 30 million years. The polar regions are warming at approximately twice the rate of the overall temperature rise. The north polar region has lost 70% of its late summer ice mass since 1980 and will likely be ice free in late summer months within 20 years, altering the climate in the northern hemisphere in ways that we are only now beginning to experience and understand. A realistic objective at this point is to formulate a plan that will limit the ultimate CO2 level below 700 ppm, limit overall world temperature increase to below 3.2 deg. C and avoid the eventual melting of Antarctic ice sheet, which would cause catastrophic sea level rise.

There is substantial difference in the amount of CO2 emissions depending on the type of hydrocarbons burned, with the lowest level of emissions coming from combustion of natural gas and ultra-light oils, including natural gas liquids. The oil and natural gas industry has undergone a shift in the past decade, with the largest new source oil produced due to the technical and economic breakthrough of fracking. This technology, actually the “marriage” of fracking and horizontal drilling, often also described as tight oil production, has a number of
distinct characteristics; high decline rates and therefore high capital costs, defined sweet spots of higher productivity, and importantly, the oil produced is virtually all ultralight (lighter than 40 degree API) and natural gas liquids. Natural gas production is also rapidly rising in the USA due to “fracking” of shales and internationally due to many supergiant gas discoveries, mostly offshore, that will likely be transported by liquified natural gas (LNG). This makes feasible a scenario where greenhouse gases emitted by hydrocarbons could plateau over the coming decades and then decline after 2040 if coal production is gradually reduced by 50% in 2020-2040 and an additional 50% by 2060, oil production reaches a peak by 2025 followed by a plateau through 2040 before declining at 1%/year, while continuing the current shift to ultralight production, and gas production increases (by 60% over current levels by 2040) to fill the energy gap. The gas reserves and transportation (pipeline and LNG) solutions are readily achievable. Meanwhile, the renewable+ nuclear share of energy production will need to increase from the present level of 15% to 30% by 2040 and 50% by 2060 so that the overall world energy use can continue to grow at the current rate. These targets can be reached with the impetus of a carbons emission tax calibrated to encourage a shift to use of renewables, nuclear and gas for power generation.

The United States has positioned itself brilliantly for this scenario. Natural gas production is booming, with the greatest increase ever recorded in the past 12 months and set to continue in the coming decade. The USA will soon be a net gas exporter and major LNG supplier. Meanwhile, oil production has doubled within the past 10 years with virtually all the increase ultra-light oil and natural gas liquids, with this trend to continue for the next several years. Greenhouse gas emissions are declining as lower price gas is replacing coal in power generation.

The nations of the world have only begun to address this enveloping crisis, the latest effort consisting of the Paris Climate Accord, an ineffective document with an unrealistic goal (it is unfortunately 20 years too late for a 2-degree target) and no
enforcement mechanism. However, as the situation worsens, the world must finally come to a sensible and workable solution, which is to shift to using the lowest greenhouse gas emitting hydrocarbons for now while supporting development of renewable and nuclear generated energy as quickly as possible. The defining question is how far the climate will need to change, with associated negative impacts, before the necessary consensus is reached to conclude an effective and binding agreement.

Mock Dig

September 29 – October 7

Sign up now to **play** in the dirt and **inspire** future geologists at this year’s Red River Revel!

Co-chair and other volunteers are needed.

Please contact Carrie Salinas:

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From the Archives

By Annie Green

As recorded in the 1953 SGS President’s Book

GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES
Third Annual Meeting
Shreveport, Louisiana
October 22, 23, and 24, 1953
Washington–Youree Hotel – Captain Shreve Hotel

Registration tables will be located in the Zephyr Room of the Washington–Youree Hotel. All members of the Shreveport Geological Society are requested to register as early as possible on Wednesday, October 21. By doing so the congestion at the registration tables will be relieved by the time out-of-town registrants arrive.

THURSDAY MORNING PROGRAM

Members of Steering Committee will preside at all sessions of the Convention.

Host City ------------------------------- Mayor Clyde Fant
Welcome -------------------------------- M.W. Beckham
Response ------------------------------- R.T. Wade
Presentation of AAPG Officers and Candidates
Address ------------– “More Oil” ------------ C.L. Moody
Address ------------------------------- J.B. Hussey

TECHNICAL PROGRAM

CRYSTAL BALLROOM WASHINGTON-YOUREE HOTEL

Thursday, Oct. 22 8:00 A.M. – Saturday, Oct 24 11:30 A.M.

SATURDAY MORNING, OCTOBER 24, 1953

The Shreveport Geological Society in conjunction with the GCAGS will conduct a field trip Saturday and Sunday, October 24 and 25, 1953. A study will be made on the outcrops of the Upper Cretaceous and Paleozoics in Southern Arkansas. Registration will be accepted along with the convention registration in the Zephyr Room of the Washington–Youree Hotel. Field trip buses will leave at 6:30 Saturday morning from the Travis Street entrance of the Washington–Youree and from the Trailways Bus Center, where reservations will have been made by the Field Trip Committee. The trip will terminate in Shreveport Sunday evening.
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OCTOBER 22, 23, and 24, 1953
COVNETION SOCIAL ACTIVITIES

Thursday Evening – 6:30-8:00 P.M.
Cocktail Party, Crystal Ballroom, Washington-Youree Hotel. Invitations for admittance will be issued to all registered delegates and wives.

Friday Night - 9:00 P.M. – 1:00 A.M.

The Shreveport Geological Auxiliary has planned the following entertainment for the ladies visiting the third annual meeting of the G.C.A.G.S.

Registration – Zephyr Room – Washington-Youree Hotel. Registration will be open Wednesday, October 21. Registrations will be made upon arrival. Tickets to be purchased at time of registration.

Coffee Room – Second Floor Foyer Captain Shreve Hotel – compliments Schlumberger

Coffee served on Wednesday afternoon from 1:00 to 5:00 P.M. and Thursday and Friday from 9:30 A.M. to 5:00 P.M.

Meet and visit with your friends in the Coffee Room

Luncheon – Thursday, October 22 at 1:00 P.M., Banquet Room, Captain Shreve Hotel

Continental – Friday, October 23, serving continuously from 11:30 A.M. until 1:30 P.M. Florentine Club

Special bus service available from north entrance of Captain Shreve Hotel

Got a question or idea for “From the Archives”? Email Annie Green at agreen@naguss.com.
At the May Meeting, Scott McQuown presented “Basic Image Log Interpretation & Applications to Define Reservoir Geometry.” Science Fair winners and their families were invited to attend and discuss their projects with SGS members after the talk. Special thanks to O’Brien Energy for sponsoring student seats at the May meeting.
Did you know?

When you attend a monthly Shreveport Geological Society meeting, you earn one hour of continuing education credit for your LBOPG license. This is a simple and enjoyable way to get your hours! You can also find links to continuing education ethics credit courses at https://sgs1.org/continuing-education/.

Ready to track your CE hours?

Visit the LBOPG website today to download your continuing education log template lbopg.org/resources/continuing-education
### Monthly Permits - July 2018

*Provided by ABCD GIS Mapping*

#### Texas Permits

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See map and Louisiana Permits on following pages.
See Louisiana Permits listed on following page.
## Monthly Permits - July 2018

*Provided by ABCD GIS Mapping*

### Louisiana Permits

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See Map and Texas Permits listed on previous pages.
It’s that time of the year again to announce the upcoming SGS/ALTAPL Golf Tournament to be held at East Ridge Country Club on Friday, September 7, 2018. The event will proceed with shotgun starts at 7:30 a.m. and 1:00 p.m. followed by an evening of food and door prizes made possible by your sponsorship donations.

With this in mind, please consider and respond as soon as possible with your much appreciated sponsorship, so a realistic budget can be proposed by our planning committee. A prompt response will also assure that your contribution will be affirmed and recognized by all in attendance. All sponsors will be included on a banner which will be displayed at check-in and at the awards reception.

We look forward to your involvement not only in sponsorship, but also in the camaraderie of the golf tournament. If you have any questions please call us at the numbers listed or email us at the.altapl@gmail.com.

The golf entry fee includes green fees, golf cart, golf apparel, breakfast (morning flight), hamburger bar lunch, hors d’oeuvre’ dinner, beverages, door prizes and the important Mulligans. The Social Fee includes dinner, beverages, door prizes and entertainment. *The social fee must be paid ahead of time as no money will be collected at the door.*
The golf tournament will be a flighted four man scramble. Assemble your foursome with all handicaps as well as contact phone number, email address and SHIRT SIZE. A handicap MUST be listed for each member of your foursome in order to properly flight the teams. Prizes will be rewarded for flight winners, hole-in-ones, closest to the hole on all par threes and winner of the long drive contest.

Due to the overwhelming popularity of this annual event, the tournament will be held for society members and guests only. Please make sure your SGS & ALTAPL dues are current and please make sure team payment is made accordingly! The deadline for entering will be Friday, August 24, 2018 and will be limited to a first come first served basis. Tee times will also be granted on a first come first served basis with the first forms received getting the PM shotgun (unless AM noted) until it is full. Once the PM flight is filled, the remaining teams will be placed in the AM flight. Please circle your preference of AM/PM on the bottom of the entry form.

Sincerely,

Your 2018 Tournament Committee
COUTRET & ASSOC., INC.
Petroleum Reservoir Engineers
Property Evaluation, Reservoir Engineering
Fluid Injection, Property Management

Louisiana Tower
401 Edwards Street
Shreveport, LA 71101

Telephone: (318) 221-0482
Fax: (318) 221-3202
E-mail: rmegowen@coutret.com

Delta-T Geophysical Consulting, Inc.

Comprehensive Geophysical Services
- Kingdom Suite 2d/3d pak
- Geographix
- GMA
- Neuralog
- Mesa 3-D Design
- Digirule

Woodie Huffman, CEO
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Shreveport, LA 71101-5510
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Petroleum Geologist

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Hm. 318-949-3539
Available for Consulting
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Joerjw@gmail.com

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Oil & Gas Exploration & Production

Stephen C. Cowgill
Geologist/Managing Partner

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Bossier City, LA 71172-2180
cowgill@suddenlink.net

Office: 318.429.2170
Fax: 318.429.1170
Cell: 318.455.9516

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OIL & GAS EXPLORATION

Joel B. Chevalier
PRESIDENT

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Oil & Gas Development

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Fax: (318) 221-3488
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400 Travis Street
Shreveport, LA 71101

Aapg Cpg #5580
Ms Rpg #0097
La Cpg #345
Jwhite1362@aol.com
Joerjw@gmail.com

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2018
Gulf Coast Association
Of Geological Sciences

Tennis Tournament
Sunday September 30
Pierremont Oaks Tennis Club
578 Spring Lake Drive
Shreveport, LA

Dust those tennis racquets off and come out and enjoy some fun and exercise at the 2018 GCAGS Tennis Tournament being held at Pierremont Oaks Tennis Club, the premier tennis facility in Shreveport. The event will be held on Sunday September 30, beginning at 9:00am, with play ending at approximately 3:00pm. It will be a round robin doubles event played on clay courts. Prizes will be awarded for 1st – 3rd place in two divisions, along with door prizes. The cost for the event will be $40.00 which includes court fees and balls, a continental breakfast and a burger/chicken lunch with all the trimmings, plus all liquid refreshments. Transportation will be provided from the Convention Center to the club and back. Sign up with a partner or let us pair you up.
BER-EX-CO., INC.
Orville Roger Berg, Ph.D.
Exploration, Exploitation
Seismic Evaluation
Domestic, International
400 Travis St., Suite 1612
Shreveport, LA 71101-3108
(318) 220-0300
orberg@bellsouth.net
9949 Beaver Creek Drive
Shreveport, LA 71106
(318) 798-1748

GERARD ASSOCIATES, L.C.
OIL & GAS EXPLORATION
DEVELOPMENT AND ACQUISITIONS
J. A. Wojtkiewicz • Charles Gerard
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Shreveport, LA 71101
Tel. (318) 221-0761 • FAX (318) 221-8835

ODEN & ASSOCIATES, LLC
Oil and Gas Exploration
Alan Schlichtenmier
Geologist
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Fax: (318) 226-0840

Kalmbach
Production Company, LLC
Sam Kalmbach
Geologist
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RESOURCES COMPANY
Oil & Gas Exploration & Development
Scott Owen Shaver
Managing Partner and Exploration Manager
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903-593-1692 Fax
903-561-4711 Home
903-582-4711 Farm
903-245-4999 Mobile
977 Pruitt Place
Tyler, Texas 75703
sos-bsr@tyler.net

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Well Service & Workover
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318-992-4111
P. O. Box 2990, Jen, LA 71342
justiss,oil.com

TIM H. MARSHALL • DIRCK E. WUELLNER
MARSHALL-WUELLNER, INC.
Petroleum Geologists
AmSouth Tower
333 Texas St., Suite 608
Shreveport, LA 71101-3671
Office: (318) 429-2250
Fax: (318) 429-2251

Mike Rogers Drilling Co., Inc.
Drilling & Interest Participation
MIKE ROGERS, PRESIDENT
CRAIG ROGERS, VICE PRESIDENT
Office: 870-234-2356 • Fax: 870-234-7487
1708 N. Vine Street • P. O. Box 126 • Magnolia, AR 71754
email: mrdc1981@gmail.com
Gulf Coast Association of Geological Societies
and Gulf Coast Section of SEPM
68th Annual Convention
September 30–October 2, 2018—Shreveport, Louisiana

ANNOUNCEMENT

ENERGY!

2018 GCAGS-GCSSEPM Convention
Shreveport, Louisiana

Ready for another round.

Spread the news!
Please share with your colleagues!

REGISTER NOW AT:
www.gcags2018.org
Hosted by the Shreveport Geological Society

Pre-Registration Discount Deadline:
September 7th
Welcome

The Shreveport Geological Society is proud to host the 68th Annual Convention of the Gulf Coast Association of Geological Societies and the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists. Join us in Shreveport, Louisiana, September 30–October 2, 2018.

The Exhibition

The Exhibit Hall will be the host area for a number of events, there will be plenty of opportunities to explore all that the exhibitors have to offer, see old acquaintances, and forge new ones.

- The traditional Icebreaker cocktail party held on Sunday in the Exhibit Hall;
- The President’s Reception will be held in the Hall from 4:30 pm to 6:00 pm on Monday; and
- Breakfast items and extended breaks in the morning and afternoon oral sessions will permit in-depth discussions with the poster presenters.

Show hours are:
Sunday, 30 Sept. (Icebreaker)........6:00 pm–8:00 pm
Monday, 1 October .......................8:30 am–6:00 pm
Tuesday, 2 October .......................8:30 am–1:00 pm

INTERESTED IN EXHIBITING?
Space is still available! For more information, please visit www.gcags2018.org or contact Bruce Lemmon at bruce@gemworldevents.net or (918) 585–1004.

SPONSORSHIP OPPORTUNITIES
Sponsoring the 2018 GCAGS–GCSSEPM Annual Convention is the ideal way to enhance your organization's visibility among Gulf Coast geoscientists and their companies and help make this professional meeting possible. Please contact Daryl Fultz at daryl@wilddrill.com for more info.

For the latest updates, visit www.gcags2018.org and www.gcags.org
Like what you see?
Fill out and mail in this form or find it online at [SGS1.org](http://www.sgs1.org).

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NAME (Please Print) _____________________________________________________________________________
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**SHREVEPORT GEOLOGICAL SOCIETY, P.O. BOX 750•SHREVEPORT, LA 71162**

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OUTLINE OF EXPERIENCE ________________________________________________________________

SPouse’s NAME __________________________

**QUALIFICATIONS FROM BY-LAWS**

In order to be eligible for active membership, an applicant shall be engaged in the practice or teaching of geology or related sciences.

In order to be an associate member, an applicant shall be interested in geological science but not actively engaged in the practice or teaching of geology or related sciences.

**To THE EXECUTIVE BOARD:**

I hereby apply for ☐ ACTIVE ☐ ASSOCIATE membership in SHREVEPORT GEOLOGICAL SOCIETY and pledge myself to abide by its Constitution and By-laws.

Date: _________________ Signature: _________________

**SPACE BELOW TO BE USED FOR PROCESSING ONLY**

**Membership Committee**

Received: ________________________

Approved for: ☐ Active
☐ Associate
☐ Student

**Executive Board**

Approved: ________________________

SECRETARY

Date: _________________
Prospect Sessions

Prospect Generators have asked for a more economical and efficient prospect review process – this is it!

Highlights and Benefits
- 16 oral prospect/project presentations for 20 minutes each
- Booths for each presenter allows for discussions following presentations
- Presentation and booth provided for one low fee of $500 each
- No publication paper required, only a short title and abstract for program
- Show your prospect or project once to an audience from your region!
- Prospect screeners can have a clear review from the comfort of your seat!
- Presenter and screener have follow up for only those projects that are of interest!

How Do I Sign Up?
- Sign up at [www.gcags2018.org](http://www.gcags2018.org) before Aug. 15.
- Make $500 payment for presentation spot and booth by August 15.
- Hurry there will be only 16 spots total!

Field Trips

Oxbow Lignite Surface Mine – Mining Wilcox Formation Lignites Overlain by Red River Alluvial Deposits (Saturday, Sept. 29)
- Leaders: David Williamson and John McCorkle
- Cost: $125

Geology and Minerology of the Magnet Cove Arkansas Igneous Complex (Saturday, Sept. 29)
- Leaders: David Williamson, Beki White, Dave Hanson, and Corbin Canon
- Cost: $140

Short Courses

Understanding Reservoir Fluid Behavior and Analysis for Geologists (Sunday, Sept. 30)
- Instructor: Todd Guidry, Core Lab
- Cost: $135

Hydrology and Water Resources Management for the Petroleum Geologist (Sunday, Sept. 30)
- Instructor: Carrie Salinas
- Cost: $175

Using Project Resource Analysis to Manage Your Business (Sunday, Sept. 30)
- Instructor: Greties Jenkins, Rose & Associates
- Cost: $200

Luncheons

ALL CONVENTION LUNCHEON (Monday, Oct. 1)
"The Continuing Evolution of Global Exploration"
- Speaker: John Dribus
- Cost: $50

Aapg Dpa Luncheon (Tuesday, Oct. 2)
"Looking into the 21st Century"
- Speaker: Jeff Jones, Quantum Energy Partners
- Cost: $50

Special Events

Geology & Wine of Burgundy, France (Monday Evening, Oct. 1, 3 hr. event)
- Speaker: Kevin Hill
- Cost: $100

Women in Geosciences Breakfast (Tuesday Morning, Oct. 2)
"The Value of Leadership in your Geoscience Career, Life Lessons from the Petroleum Industry"
- Speaker: Denise Cox, Aapg President
- Cost: $25

Conventıon Hotel

Shreveport Convention Center and the Hilton Shreveport

The convention rate is $119 for a single or double room, $129 for triple occupancy, & $139 for quad. Suites are also being offered based on availability. Please visit [www.gcags2018.org](http://www.gcags2018.org) for more info.

BE A JUDGE! VOLUNTEERS NEEDED!

GCAGS and GCSSEPM need your help in judging oral and poster sessions. Please contact Mark Dunham at mdunham@sugarcreekproducing.com or (318) 221-2899 for more information.

For the latest updates, visit [www.gcags2018.org](http://www.gcags2018.org) and [www.gcags.org](http://www.gcags.org)
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<td>Spanoil Exploration, Inc.</td>
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<td>Rachel McNerney</td>
<td>Hill Geophysical Consulting</td>
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**HONORARY MEMBERS**

James D. Aimer\(^\text{a}\) \quad James B. Harris\(^\text{a}\) \quad Paul Todd Landes, Jr.\(^\text{a}\) \quad C. Ray Scurlock
William E. Bankroft\(^\text{a}\) \quad William E. Hayes\(^\text{a}\) \quad W. W. Lincoln\(^\text{a}\) \quad Walter H. Spears\(^\text{a}\)
Michael W. Beckman\(^\text{a}\) \quad Roy T. Hazzard\(^\text{a}\) \quad William R. Meaney\(^\text{a}\) \quad William C. Spooner\(^\text{a}\)
Orville Roger Berg \quad Dr. Leo Hermann\(^\text{a}\) \quad Clarence L. Moody\(^\text{a}\) \quad George D. Thomas\(^\text{a}\)
B. W. Blanpied\(^\text{a}\) \quad Kevin B. Hill \quad John T. Palmer \quad Arthur H. Trowbridge
Prentis L. Boatner, Jr. \quad Charles J. Hoke\(^\text{a}\) \quad Thomas H. Philpott\(^\text{a}\) \quad Henry J. Tyler\(^\text{a}\)
Alan L. Brittain \quad Perry G. Holloway \quad William M. Plaster\(^\text{a}\) \quad Claude N. Valerius\(^\text{a}\)
John Franks\(^\text{a}\) \quad Walter E. Hopper\(^\text{a}\) \quad Gene R. Robinson\(^\text{a}\) \quad Warren B. Weeks\(^\text{a}\)
Victor P. Grage\(^\text{a}\) \quad E. B. Hutson\(^\text{a}\) \quad C. Lane Sartor\(^\text{a}\) \quad Percy J. Wheeler, Jr.
John C. Grunau\(^\text{a}\) \quad L. Lee Kincade\(^\text{a}\) \quad Erwin W. Saye\(^\text{a}\) \quad B. Ross White\(^\text{a}\)
J. Frank Harrell\(^\text{a}\) \quad Joseph O. Laird\(^\text{a}\) \quad Fred R. Schroeder\(^\text{a}\) \quad R. M. Wilson\(^\text{a}\)

\(^{\text{a}}\) deceased