Most of the 2019-2020 Board

Meet the Board p. 3
Sidewall Cores p. 13
Greetings! Welcome to another SGS calendar year. I hope all of you have enjoyed your summer. It started out very wet but now the 100 degree plus days have hit, and I am begging for rain again. If you have any ideas or topics for upcoming lunch speakers please get in touch with the program director, Matthew Chumley, to discuss.

The current commodity prices seem to have slowed down the activity locally except for a handful of Haynesville players. I looked back to compare current oil and gas prices to 5 years ago, and we are about 50% less today. I still find it shocking that expensive horizontal wells are being drilled in this price environment other than to hold expiring leases. Here’s to us all looking forward to a cold winter to get prices back up and ducks headed south!

The 26th Annual ALTAPL- SGS Golf tournament is coming soon and will be held at East Ridge C.C. Friday, September 6th. There will be morning and afternoon flights along with breakfast, lunch, and awards dinner that evening. This is always a well-attended event, and I encourage all to support by sponsoring, playing golf, or coming to the social at the end of the day.

I look forward to seeing you at our upcoming meetings and social events.

Cody Lenert
Faithful Friends 2018-2019

Louise F. Pearce  
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Alan Schlichtemier  
Richard Swindell  
Scott Stroud  
Joe White, Jr.  
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To be a Faithful Friend for 2019-2020, please contact Zach Gray.

---

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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.
Meet The Board

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

First Vice President
Zach Gray has 11 years of experience as a petroleum geologist, he has previously worked for Forest Oil in Denver and Chief Oil and Gas in Dallas and is 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.

Second Vice President
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 serves as the Second VP of the SGS and looks forward to organizing an exciting speakers program. He enjoys spending time with his wife and three young children and is an avid outdoorsman.

Secretary
Sarah Kaye Wilkes has worked as an Environmental Geologist since her graduation from Centenary College in May 2013. She recently made the switch from the private sector to the Louisiana Department of Environmental Quality where she focuses on soil and groundwater remediation. She enjoys traveling, spending time with family, and coaching lacrosse.
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Meet The Board
(continued)

Treasurer
Morris P. Nichols has been employed at Stroud Exploration Company for 20 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
Ian Byram is a geologist at Heritage Energy Company and EGH Operating, LLC. This is his first year serving on the SGS Board and he is eager to learn and help SGS prosper. Ian graduated in geology and business from SMU and received his M.S. in geology from Baylor University. He enjoys hunting, snowboarding, and mountain biking.

Board Member
Kevin McMaster has worked as a geologist in Shreveport for most of the past 35 years. Since 2015, he has been working as a consultant for numerous companies in Dallas and Shreveport. Prior to 2015, he worked for SM Energy in Shreveport and Tulsa for almost 14 years. He has previously served on the board and as an officer for the Shreveport Geological Society.
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Meet The Board
(continued)

Board Member
Stuart Oden started working as a geologist in 1978 for Sun Oil Company. He subsequently worked with Goodrich Oil Company for more than 20 years and currently manages Oden & Associates, LLC here in Shreveport. He and his wife, Kim, have 3 daughters and enjoy spending time at the farm with their 2 grandchildren.

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 2016, 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.

Executive Assistant to the Board
Annie Green is a Geotech for Nadel and Gussman as well as SGS’s Executive Assistant to the Board and 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.
Calendar of Events

View this interactive calendar at SGS1.org

September 6
ALTAPL-SGS Golf Tournament

September 13
RSVP for the September Meeting

September 17
Monthly Meeting: Gustavo Carpio presents
Ingrain Services: Optimized Rotary Sidewall Core
"Selection and Analysis"
11:30 a.m. - 1 p.m.; Petroleum Club 15th Floor

September 28 – October 6
Mock Dig at the Red River Revel. Volunteers needed.

On the Cover and “Meet the Board”: Board members photographed by Brenda Pender. Got a picture you want to see on the cover? Email it to the editor today! Seriously, don’t make me pull stock photos like last year.


Contact the Newsletter Editor: 1RachelMcNerney@gmail.com
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Geologist / Managing Partner

Zach Kelly
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Zach McDonald
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The September Meeting

Make your RESERVATION

Gustavo Carpio

presents

“Ingrain Services: Optimized Rotary Sidewall Core Selection and Analysis”

11:30 a.m. Tuesday, September 17

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 13 at SGS1.org, or email or call in your reservation to
Matthew Chumley
mchumley@naguss.com
318-222-0908

Name: ____________________________________________________________

I will bring ___ guest(s):__________________________________________

__________________________________________
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Operating in the MAFla, ArkLaTex, and WY
Gustavo Carpio is a Senior Technical Advisor for Ingrain, a Halliburton Service. For the past 11 years he has contributed to Ingrain’s technological and commercial development, coauthoring several patented methods for the characterization of tight reservoir rocks and participating in the evaluation of unconventional resource plays in North and South America. Presently, he is focused on the integration of Digital Rock Analysis, Core, and Wireline data.

Mr. Carpio holds a B.S. in Geology from the University of Houston and is a member of the AAPG, HGS, and SPE.

Abstract

“Ingrain Services: Optimized Rotary Sidewall Core Selection and Analysis”

Sidewall coring provides geologists, petrophysicists, and reservoir engineers with a cost-effective way of increasing formation knowledge through the retrieval and direct analysis of reservoir rock. However, without careful selection, this form of discontinuous sampling can lead to misrepresentation of subsurface properties. For this reason, sidewall core selection from wireline logs and core screening become crucial steps in formation evaluation.

We present a workflow that addresses the challenges of distribution and representativeness of rotary sidewall cores. The workflow begins with a data-driven analysis of wireline logs to and capture variations in an interval of interest, identify electrofacies, and optimize sample distribution.

The workflow continues beyond core extraction with Dual Energy CT – a rapid, non-destructive core logging and imaging method that captures the degree of fine-scale heterogeneity in each core. The workflow provides valuable insight in a rapid timeframe and delivers data that can be used to better design subsequent digital and physical core analysis programs.
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Oil & Gas Exploration and Production

Kurt M. Ley
Exploration Manager & Partner

Robert E. Braswell
Engineering/Operations Manager & Partner

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kurt.ley@kingwoodexploration.com
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Science Fair 2019
Report from Larry Frizzell, Youth Activities Committee Chairman

The 2018 Louisiana Region 1 Science & Engineering Fair judging was on March 8th at the Bossier Civic Center. Volunteers from the SGS judged earth science-related projects and awarded cash prizes to the 1st ($125), 2nd ($100), & 3rd ($75) place winners in each of the three divisions - Elementary, Middle School, & High School.

These students were invited to our May meeting, with their projects, where they were recognized by the society and available after the meeting to discuss their projects.

Many thanks to our volunteer judges: Bob Sharp, David Williamson, Roger Berg, Ralph Richardson, Greg Zerrahn, and Patrick Johnson.

The winners of the SGS Awards are:

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<td>1</td>
<td>Jai Koticha</td>
<td>Crazy Crystals</td>
<td>5</td>
<td>Fairfield Elem.</td>
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<tr>
<td>Elem</td>
<td>2</td>
<td>Avery Adams</td>
<td>Where's The Dirt?</td>
<td>5</td>
<td>Riverside Elem.</td>
</tr>
<tr>
<td>Elem</td>
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<td>Leonardo Branton</td>
<td>Erosion Notion</td>
<td>5</td>
<td>Richardson Elem.</td>
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<tr>
<td>MS</td>
<td>1</td>
<td>Aubriana Edmunds</td>
<td>Earthquakes</td>
<td>6</td>
<td>Benton Middle</td>
</tr>
<tr>
<td>MS</td>
<td>2</td>
<td>Zach Cryer</td>
<td>Can Nanotechnology Help Clean Up Ocean Oil Spills?</td>
<td>7</td>
<td>Benton Middle</td>
</tr>
<tr>
<td>MS</td>
<td>3</td>
<td>Davin Murff</td>
<td>Rocking Rock Candy</td>
<td>6</td>
<td>St. John Berchmans</td>
</tr>
<tr>
<td>HS</td>
<td>1</td>
<td>Pranshu Khanna</td>
<td>Effect of Sawdust vs Chitosan Powder in the Removal of Congo Red Dye from Water</td>
<td>10</td>
<td>Caddo Magnet High</td>
</tr>
<tr>
<td>HS</td>
<td>2</td>
<td>Ashini Modi</td>
<td>A Search for Extrasolar Planets in High Metallicity Open Clusters Using a Large Scale Photometric Algorithm</td>
<td>9</td>
<td>Caddo Magnet High</td>
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<tr>
<td>HS</td>
<td>3</td>
<td>David Yu</td>
<td>Immobilization of Lipase on Magnetic Fe3O4 Nanoparticles for Biodiesel Production</td>
<td>10</td>
<td>Caddo Magnet High</td>
</tr>
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Photos from the May Meeting
by Brenda Pender

Dale Short presented “Tectonics of the Sabine Island.” Science Fair winners (see previous page) and their parents were welcomed and talked to members about their projects. Also in attendance were Tripp Wilkerson and John Rives Wooden of Eden Gardens Magnet School, who won 2nd place at the regional Social Studies Fair in the Elementary Division for their project “Discovering Oil in Louisiana.”
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ANTHONY J. SPANO
PRESIDENT
From the Archives
By Annie Green

As recorded in the 1924-1925 SGS President’s Book

Hon. Mr. W. E Hopper:

We the undersigned members of this society respectfully petition that all *female geological department stenographers be extended an invitation to attend our weekly luncheon.

Conrad Nagel <Aids Henry Schneider
W. C. Spooner
[M.L.?] Miller
C. C. Clark
G. R. Stevens
La Barton (twice)

F. X. Bostick
A. L. Selig
G. D. Thomas
[---]
W. F. Chisholm (*as amended)
L. S. Harlowe “Doggie” [-----]
F. J. Miller

Got a question or idea for “From the Archives”? Email Annie Green at agreen@naguss.com.
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Mock Dig
September 28 – October 6

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:
csalinas@virtusenvironmental.com

Keep in Touch through the Shreveport Geological Society LinkedIn Group.

The rock kit is ready (pictured left).
E-mail Maps in Schools Chairman Matthew Chumley at mchumley@naguss.com to give a talk with the kit and present a geologic map to a class of future geoscientists.
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BEN ROBINSON
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Ready to track your CE hours?

Visit the LBOPG website today to download your continuing education log template lbopg.org/resources/continuing-education

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*Code: P = Participant Credit, A = Authorship Credit, M = Meeting Credit, E = Ethics Credit

Conversion of = PDH

| Each Direct Hour = 1 | CEU, Papers, etc. = 10 |
| College Ctr., hr. = 10 | Semester Hour = 15 |
| Instructor = 3xPDH |

Total PDH claimed this renewal period: 0
PDH carry over from previous year claimed for this report:
Total PDH claimed to meet minimum requirements: 0
PDH to be carried over to next year’s report:

Audits will be conducted randomly and/or as needed to confirm CE activities each year.

It is your responsibility to collect and maintain proof of attendance and completion of CE activities in case an audit is called.

Minimum hrs. to renew | Maximum hrs. Allowed/Period |
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<td>Authorship - Paper: 10</td>
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<td>Authorship - Book: 45</td>
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This form was intended to be a one (1) letter size page, i.e. one (1) years record of CE activity or 15 PDH.
It is recommended that additional data be entered into a second (or third, etc.) worksheet in this spread sheet workbook.
An entire (blank) form can then be copied into the new worksheet and the sheet tab named as the report year.
This workbook has two (2) new sheets included as examples so you can start the process of recording your CE activity.
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ALAN SCHLICHTEMIER
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903-582-4711 Farm
903-245-4999 Mobile
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sos-bsr@tyler.net

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Oil & Gas Exploration & Development
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Justiss Oil
Drilling Contractor
Oil & Gas Operator
Turnkey Services
Well Service & Workover
Working Interest Participant
318-992-4111
P.O. Box 2990, Jena, LA 71342
justissoil.com

Mike Rogers Drilling Co., Inc.
Drilling & Interest Participation

MIKE ROGERS, PRESIDENT
CRAIG ROGERS, VICE PRESIDENT

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1708 N. Vine Street • P.O. Box 126 • Magnolia, AR 71754
email: mrdc1981@gmail.com
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See map and Louisiana Permits on following pages.
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• Neuralog
• Mosa 3-D Design
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Mobile: (318) 469-5625
cscenergy@bellsouth.net
See Louisiana Permits listed on following page.
## Monthly Permits – July 2019

*Provided by ABCD GIS Mapping*

### Louisiana Permits

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See Map and Texas Permits listed on previous pages.
Like what you see?
Fill out and mail in this form or find it online at SGS1.org.

NAME (Please Print)
☐ Check if new applicant or change of address.

SHREVEPORT GEOLOGICAL SOCIETY, P.O. BOX 750 • SHREVEPORT, LA 71162
DATE

LAST NAME
FIRST
INITIAL
NICKNAME

COMPANY
POSITION OR TITLE

COMPANY MAILING ADDRESS
CITY
STATE
ZIP
COMPANY PHONE

HOME ADDRESS
CITY
STATE
ZIP
HOME PHONE

FAX NUMBER
E-MAIL ADDRESS
CELL PHONE

APPLICANT OR MEMBER PLEASE TYPE OR PRINT

SCHOOL
DEGREE
MAJOR
YEAR

PROFESSIONAL AFFILIATIONS
☐ AAPG
☐ GSA
☐ SEG
☐ SEPM
☐ AIME
☐ SPWLA
☐ OTHER

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.

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: __________________
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<td>Susan Schroeder</td>
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**HONORARY MEMBERS**

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

(‘ deceased)