

GEOPHYSICAL SOCIETY OF KANSAS

PRESIDENT'S MESSAGE



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What is in a name? In the past several weeks universities and schools across the country re-opened their doors to families, students, faculty, and staff for the fall semester. As communities prepare to start classes it goes without saying that readings in various areas pick up. With reading comes questions and with question comes curiosity. For me, one of the things that caught my curiosity lately has been trying to figure out what is in a name. This, of course, goes beyond the scope of geophysics since we can interest ourselves in what a person's name means, what names of places or things, societies, and organizations mean. However, for this particular case, my interest was triggered by conversations and readings related to hydrocarbon exploration and production.

Presently, I am interested in the naming and definition of "dead oil," both in and out of context. Here is a definition that comes up easily if you do a basic internet search. Dead oil is "oil at sufficiently low pressure that it contains no dissolved gas or a relatively thick oil or residue that has lost its volatile components," according to the Schlumberger oil field glossary. So dead oil is described in this way, as opposed to "live oil" which, according to the same source, is "oil containing dissolved gas in solution that may be released from solution at surface conditions." It further adds that "live oil must be handled and pumped under closely controlled conditions to avoid the risk of explosion or fire." Clearly, it would appear that the description and naming of "live" or "dead" oil is tied to the content in volatile components, or is it tied to how much explosive risk is associated with the oil? If so, does this mean dead oil is not flammable or does not burn enough, compared to 'live oil'? Other definitions describe dead oil as "heavy

oil" or oil containing high amounts of molecules that are made up of a large number of carbon atoms.

I find from conversations that for well site purposes dead oil is mostly synonymous to very "heavy oil" that is difficult to produce. So, is the name coined from the observation that the oil would rather stay "buried" underground? It goes without saying that "dead oil" has also been used in the context of describing the speculated or future demise of the petroleum industry, or as a slogan to express views that are unfavorable to the growth of the petroleum industry.

This contextual use of the same name by different groups of individuals to describe completely different situations and scenarios is what I find fascinating about the entire process of naming. Context is everything (or almost)! Whatever the motivations in the naming of "dead oil," I am interested in which of the geophysical methods or tools can detect these types of oil in the subsurface before the oil is produced and to what extent? ...

In other areas, in less than three weeks some of you will be heading to Houston for the Society of Exploration Geophysicists' Annual Meeting and International Exposition. I wish all those who are travelling to Houston safe travels and a happy convention.

Please forward your ideas and suggestions to us. The contact information of council members is available in this newsletter.

Best Wishes,
Hendratta Ali

Web Address

- <http://gskss.seg.org>





Upcoming Meetings and Events

September 16-17, 2013

AAPG/SEG Fall Student Expo will be held in Houston, Texas. Visit <http://www.studentexpo.info> for more information.

September 20, 2013

SEG DISC: Making a Difference with 4D: Practical Applications of Time-Lapse Seismic data. Held in Houston, Texas. Visit www.seg.org/disc for more information.

September 22-27, 2013

SEG International Exposition and 83rd Annual Meeting, George R. Brown Convention Center in Houston, Texas. Visit www.seg.org for more information. Also see ad on p. 5 and list of conference events on p. 6.

October 12-15, 2013

AAPG Mid-Continent Section Meeting will be held in Wichita, KS at the Double Tree By Hilton Hotel. Visit <http://www.aapg.org/sections/midcontinent.cfm> for more information.

October 27-30, 2013

Geological Society of America 125th Annual Meeting, Denver, Colorado. Visit www.geosociety.org for more information.

December 3, 2013

SEG Honorary Lecturer Nick Moldoveanu will present at the University of Kansas (Lawrence campus) Department of Geology Colloquium Series. The talk will begin at 4 pm in Lindley Hall, Room 120. See ad on p. 7.

December 11-13, 2013

NAPE Rockies 2013 (North American Prospect Expo) will be held in Denver, Colorado. The North America Prospect Expo (NAPE) is the world's largest E&P (upstream) expo. NAPE Expo provides a marketplace for the buying, selling and trading of oil and gas prospects and producing properties via exhibit booths. NAPE has expanded beyond the historical winter and summer NAPE events to include regional NAPES – NAPE East and NAPE Rockies.

NAPE's goal is to offer the best market place possible for creating deals. With this in mind, NAPE brings prospects and producing properties (from the U.S. and around the world), capital formation, services and technologies all together in one location, creating an environment to establish strategic alliances for doing business and initiating purchases and trades.



Results for SEG 2013-14 Board of Directors Election

The SEG Tellers Committee has reported the following results of the 2013 election:

President-elect

Christopher Liner

Second Vice President

Robert Stewart

Editor

Evert Slob

Director-at-Large

Gustavo Carstens

Director-at-Large

Guillaume Cambois

Completing the slate of Directors for the 2013-2014 term is incoming President Don Steeples, Dennis Cooke as First Vice President, Gary Servos as Treasurer, David Monk as Past President, Mike Graul as Chair of the Council, and Samir Abdelmoaty, Alfred Liaw, Edith Miller, and Christine Krohn as Directors at Large. The new Board will take office September 26th, following the final function of the Annual Meeting.





2013-15 GSKS Council

OFFICERS FOR THE CURRENT TERM (ending May 31, 2015)

PRESIDENT — hnali@fhsu.edu

Hendratta Ali, Petroleum Geology Program,
Fort Hays State University, Hays, Kansas

VICE-PRESIDENT/PRESIDENT-ELECT — scott@rundlegeo.com

Scott Pringle, Rundle Consulting LLC, Wichita, Kansas

SECRETARY — tsoflias@ku.edu

George Tsoflias, Department of Geology,
University of Kansas, Lawrence, Kansas

TREASURER — blair.benson@gmail.com

Blair Benson Schneider, Madison and Lila Self Graduate
Fellow, University of Kansas, Lawrence, Kansas

EDITOR — rmiller@kgs.ku.edu

Rick Miller, Kansas Geological Survey, Lawrence, Kansas

PAST-PRESIDENT — gdallas3@att.net

George Dallas III, Geophysical Consultant, Houston, Texas



Membership in GSKS

Joining GSKS can be accomplished either by requesting an application form from membership chairman George Tsoflias at tsoflias@ku.edu, or 785-864-4584, or by downloading an electronic form at <http://gskseg.org> and submitting the form according to instructions provided on the form.

<u>Membership Classifications</u>	<u>Annual Fees</u>
Active	\$25
Associate	\$25
Student	No Charge



GSKS Committees

TECHNICAL PROGRAMS	Scott Pringle
MEMBERSHIP	George Tsoflias
NEWSLETTER	Rick Miller (Mary Brohammer–layout)
ADVERTISING	George Dallas III
WEBPAGE	Rick Miller (Brett Bennett–development)



2013 Membership Renewal

It is time to renew our GSKS memberships for the 2013 period (running from June 2013 to May 2014). You can renew online by visiting the GSKS webpage (<http://gskseg.org/>) and using PayPal to pay the \$25 annual membership fee, or you can mail a check or money order to: Geophysical Society of Kansas, P.O. Box 4594, Lawrence, KS 66046.



New Members

The Geophysical Society of Kansas welcomes the following new members:

<i>Individual</i>	<i>Affiliation</i>	<i>Member Status</i>
<i>Bevin Bailey</i>	University of Kansas Lawrence, KS	Student
<i>Amanda Livers</i>	University of Kansas Lawrence, KS	Student
<i>Heath Harris</i>	Lone Star Geophysical Surveys Edmond, OK	Associate
<i>Cameron Chandler</i>	Firefly Land Services LLC Tyler, TX	Associate



What To Do at the Annual Meeting in Houston

Will you be attending the SEG Annual Meeting this year in Houston, Texas? If so, here are some events that may interest you!

1. Icebreaker and Expo Preview: Sunday, September 22nd, 6:00 – 8:00 pm

The Sunday Evening Icebreaker/Exposition Preview will give attendees an opportunity to meet the exhibitors, map out a plan for the week, and to visit companies and renew acquaintances in a casual setting. The Icebreaker will feature a buffet of complimentary hors d'oeuvres, cash bars, and musical entertainment around the exhibition hall. Located on the Exhibition Floor of the convention center.

2. Student Career Panel: Monday, September 23rd, 1:00 – 3:00 pm

A forum dedicated to exploring exciting career opportunities in the field of geophysics, the Student Career Panel typically brings together senior managers and professionals from international and domestic oil companies, geophysical service companies, and/or academic institutions. This will be held at the Hiltons America, Meeting Room 343.

3. Student Networking Event: Monday, September 23rd, 6:00 – 8:00 pm

The Student Networking Event provides students an opportunity to network with industry recruiters in a relaxed atmosphere. Students will meet sponsors and visit with faculty and friends. Join us for an exciting evening of networking, food, drinks, and fun! Mark your calendar because this is an event you won't want to miss! Held at the Hiltons America, Grand Ballroom D-F.

4. Near Surface Technical Luncheon: Tuesday, September 24th, 11:30 am – 1:30 pm

The cost is \$60 per person, and it will be located at the George R. Brown Convention Center. The topic of discussion will be "Near Surface Geophysics: Where have we been, where are we going?"

5. Gravity and Magnetism Technical Luncheon: Tuesday, September 24th, 12:00 – 1:30 pm

The cost is \$62 per person, and it will be located at the George R. Brown Convention Center. This year's speaker is Dr. Colin Reeves, with the topic "Nonuniqueness on our Unique Planet."

6. Near Surface Evening Social: Tuesday, September 24th, 7:00 pm

There is no charge to NSGS members. Nonmembers can join on the spot for \$20 as long as you are already an SEG member. Students are welcome! Student NSGS membership free of charge. Dinner is located at the Sambuca Restaurant (inside the Rice Hotel), 909 Texas Avenue.

7. SEG Presidential Jam: Tuesday, September 24th, 8:00 pm

Join your friends, family, and colleagues for a fun, memorable night at the Presidential Jam. Watch as SEG's past presidents and other musical geophysicists take the stage and perform your favorite songs. They always fill the dance floor and please the crowd every time! Admission is free to this event, but donations will be accepted to support the SEG Foundation. Located at the Hilton Americas, Grand Ballroom.

8. Women's Network Breakfast Event: Wednesday, September 25th, 8:00 – 10:30 am

This year, the Women's Network Committee is pleased to announce the third annual Women's Network breakfast. Our guest speaker is Sophie Zurquiyah, SEVP geology, geophysics, and reservoir at CGG, followed by roundtable discussions on women in geophysics. Breakfast will be provided. All who are interested—men and women—are welcome to join.

9. Development and Production Technical Luncheon: Wednesday, September 25th, 12:00 – 1:30 pm

The cost is \$62 per person, and will be located at the George R. Brown Convention Center. This year's speaker will be Martin Landro.





SOCIETY OF EXPLORATION GEOPHYSICISTS

Annual Meeting Announcement

S E G H O U S T O N 2 0 1 3



EXPANDING GEOPHYSICAL FRONTIERS

George R. Brown Convention Center • 22-27 September 2013



www.seg.org

Students Scholarships are Available Through SEG!

On-line applications will open on September 15, 2013, and will be open for submission through the March 1, 2014.

Scholarships range from \$500 to \$14,000 USD per academic year; average awards are approximately \$2,500. The number of scholarships available depends chiefly upon the number of sponsors and the amounts they contribute.

SEG Scholarships are based on **merit**. To qualify, you must be:

1. A student who is either:
 - Attending high school and planning to enter college next fall;
 - An undergraduate or graduate college student whose grades are **above average**.
2. Intending to pursue a **college curriculum** directed toward a career in applied **geophysics or a closely related field**, such as geosciences, physics, geology, or earth and environmental sciences.

To apply, go to www.seg.org/web/foundation/programs/scholarship for the online application. Students must include **current transcripts** and **two faculty recommendation letters**. Make sure you have these materials available as scanned PDF documents or images.



SEG Honorary Lecturer Nick Moldoveanu will present at the University of Kansas (Lawrence campus) Department of Geology Colloquium Series on **Tuesday, December 3, 2013**. The talk will begin at 4 pm in Lindley Hall, Room 120.



The Crew Tracker

Active seismic crews as of September 1, 2013

Provided by Acquisition Company Representatives

Acquisition Company	Location (County or Parish)	Instruments	Contact
Lockhart Geophysical – Crew 1	Ness, KS	ARAM/ARIES	Russ Opfer 303-592-5220 office russell@lockhartgeo.com
Lockhart Geophysical – Crew 3	Rice, KS	ARAM/ARIES	
Lockhart Geophysical – Crew 4	Carbon, WY	ARAM/ARIES	
Lockhart Geophysical – Crew 5	Ellis, KS	ARAM/ARIES	
Paragon Geophysical – Crew 206	Weld, CO	Inova Scorpion 3C	Jeff Logan 316-636-5552, x110 office; 316-708-2865 cell jeff@paragongeo.com
Paragon Geophysical – Crew 207	Hitchcock, NE	Inova Scorpion	
Paragon Geophysical – Crew 208	Ellis, KS	Inova Scorpion	
Paragon Geophysical – Crew 210	Marion, KS	Sercel Unite Wireless	
Paragon Geophysical – Crew 211	Klamath, OR	Sercel Unite Wireless	
Geokinetics – Crew 309	Cheyenne/Kiowa, CO	I/O RSR	Dave Willis 281-848-6826 office; 281-543-6189 cell dave.willis@geokinetics.com
Geokinetics – Crew 311	Cheyenne/Kiowa, CO	I/O RSR	
Tidelands Geophysical – Crew 320	Creek, OK	GSR	Danny Winn 972-881-1099 office; 214-649-2312 cell dwinn@tgcseismic.com
Nodal Seismic – Crew 101	Logan, OK	Fairfield Z-Land	Dan Hollis 626-818-4979 dan.hollis@nodalseismic.com
LoneStar Geophysical – Crew 101	Pawnee, KS	Fairfield Z-Land	Heath Harris 405-726-8626 office; 360-483-9103 cell hharris@lstargeo.com
LoneStar Geophysical – Crew 102	Lane, KS	Fairfield Z-Land	
Breckenridge Exploration – Crew 101	Noble, OK	OYO GSR	Mike Comeau 254-559-0587 cell mcomeau@breckex.net
Breckenridge Exploration – Crew 201	Carbon, WY	OYO GSR	
Breckenridge Exploration – Crew 301	Young, TX	OYO GSR	





Professional Directory

 <p>Rick Steineck Geophysicist</p> <p>10136 US Hwy 34, Grand Lake, CO 80447 Phone/Fax: 720.528.9299 • Cell: 303.815.0203 Email: rsteineck@eskatonseismic.com eskatonseismic.com</p>	<p>HEDKE-SAENGER GEOSCIENCE, LTD</p> <p>8100 E. 22nd St. North Bldg 2200–Suite 3 Wichita, KS 67226</p> <p>Phone: 316-295-4675 Fax: 316-201-1999 Cell: 316-737-2600 E-mail: dhedke@hs-geo.com rsaenger@hs-geo.com</p> <p>Rick Saenger Dennis Hedke Consulting Geophysicists</p> 
 <p>Seismic Acquisition ~ OYO GSR</p> <p>Michael J. Comeau 303-563-5301 Office 600 17th Street #2800 254-559-0587 Mobile Denver, CO 80202-5428 mcomeau@breckex.net</p>	





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A journal of subsurface characterization



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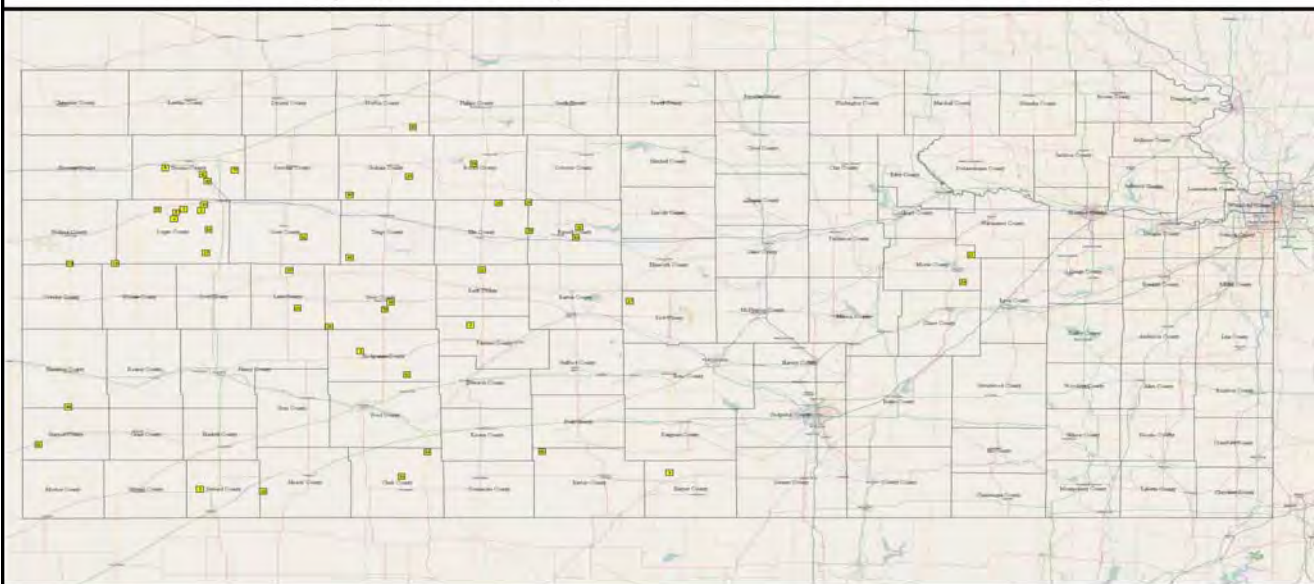
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Breckenridge, Texas 76424
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 P.O. Box 4594
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Phone: 785-864-2770
 E-mail: gskansas@gmail.com
blair.benson@gmail.com

We're on the web. Check us out at
<http://gskns.seg.org>

OUR MISSION:

To provide our members a quality venue for disseminating geophysically focused information pertinent to Kansas and surrounding regions.

We also seek to advance the geosciences by providing members opportunities to increase the understanding of geophysical principles and practice.

If you are aware of speakers / topics which would benefit members, let us know, and we'll pursue.

Additionally, we are actively seeking research papers and results to share with our audience. If you are interested in publishing your work, please contact Editor Rick Miller.

GSKS ADVERTISING

GSKS is seeking subscribers to fill space in future newsletters. Our publishing cycle is bi-monthly, January-February, March-April, etc.

Preferred formats for electronic files are typical Word document (.doc), .jpg, .pdf, etc. Please check with us if you have questions.

ADVERTISING RATE SCHEDULE

Description	Single Issue Rate	6 Issue Rate
Business Card	<i>Annual Rate Only</i>	\$75
Eighth Page	\$45	\$165
Quarter Page	\$80	\$330
Half Page	\$150	\$500
Full Page	\$275	\$650



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