



# GEOPHYSICAL SOCIETY OF KANSAS

## THE ROAD AHEAD



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Greetings from the Council of the GSK.

Following our announcement of Society initiation in May of this year, we are excited by what we see for the future of geoscience in Kansas.

In this inaugural issue of our Newsletter, we share a glimpse of what's in store for our members and interested onlookers.

Our first technical program will commence on September 14, with featured speaker Bill Miller, please see below for details.

Your Council of officers is dedicated to provide a venue focused on bringing specific geophysical applications to the practicing geoscientist so that

we can better utilize our multiple toolsets in resolving geoscientific challenges wherever we might be active.

We are optimistic that the initiation of this Society will provide incentive for many practicing geoscientists in other societies to join us on the road ahead.

We recognize that many of you are already extending your technical attention in and to a variety of organizations. Nonetheless, we on this Council believe the benefits of associating with us will far outweigh the additional stretch on your time and budgets.

Looking forward to seeing you move ahead with us.



South Central Kansas  
2D Seismic Profile

### SEG-Kansas!

- We have just been advised that our application to become affiliated with SEG is official as of August 19, 2005. Thanks to our Petition signatories and the SEG Executive Committee..
- Web Address:  
<http://gskseg.org>

## Technical Program Luncheon September 14

**Denver Consulting Geophysicist Bill Miller** is scheduled to present our first technical program, to be titled "Exploring in Kansas with Small Prospect Specific 3D Surveys."

Bill is no stranger to the Kansas geoscience community, having been a member of the TXO staff in the 1980's, and following that into a career as a consultant since the 1990's.

The subject matter should be of interest to many who deliberately search for the smaller reservoir targets typical of many Kansas subsurface plays.

Bill has experienced the broad-based expansion of 3D seismic technologies in a variety of basins and uplifts typically responsive to these technologies, and we look forward to his insight as to the efficient application of 3D imaging in these settings. (See additional info inside.)

## September Technical Program/Luncheon—cont'd



**Place your Professional Ad here.**

If interested, please join us for a buffet luncheon at the Petroleum Club prior to the Technical Program.

We will be meeting at La Cantina, commencing at 11:30 AM. Cost for the luncheon is \$13.00 in advance, or \$15 at the door.

For advance reservations, please contact Kirk Rundle at 316-721-1421.

commence at 12:30 PM in the Bank of America Auditorium, located in the lower level of the Bank of America building at Broadway & Douglas, downtown Wichita.

The Technical Program will

## Technical Program Abstract

### “Exploring in Kansas with Small Prospect Specific 3D Surveys”

**“The majority of activity outside the Hugoton Embayment has been driven by independent operators using 3D surveys smaller than 10 square miles...”**

Exploration in Kansas using small, prospect specific 3D seismic surveys has increased dramatically in the last 10 years. The majority of activity outside the Hugoton Embayment has been driven by independent operators using 3D surveys smaller than 10 square miles and most often only 1 to 4 square miles in size. An examination of the distribution

and history of the processing of over 750 small 3D's in Kansas over the last 10 years is correlated against drilling activity to try and gauge the impact of 3D activity on exploratory drilling totals and, more importantly, exploratory drilling success rates in Western Kansas. The data is also examined by geologic region and/or play to try to draw conclusions as to

whether certain plays and areas have inherently higher 3D success rates than others. The trend in 3D costs over the last 10 years is also discussed as well as the economics of exploring with small 3D surveys.



**Your ad could be here.**



## 2005-06 Council

### OFFICERS FOR THE CURRENT TERM:

**PRESIDENT**

Dennis Hedke, Woolsey Operating Co., LLC, Wichita, Kansas

**FIRST VICE-PRESIDENT**

Rick Saenger, Mull Drilling Co., Inc., Wichita, Kansas

**SECOND VICE-PRESIDENT**

Kirk Rundle, Consultant, Wichita, Kansas

**SECRETARY**

Michael Crouch, Consultant, Wichita, Kansas

**TREASURER**

Susan Nissen, Kansas Geological Survey, Lawrence, Kansas

**EDITOR**

Rick Miller, Kansas Geological Survey, Lawrence, Kansas



**2005-06 Officers**

Standing from left: Dennis Hedke, Rick Saenger, Mike Crouch  
 Seated from left: Susan Nissen, Kirk Rundle  
 Not pictured: Rick Miller

## GSK Committees

TECHNICAL PROGRAMS	Rick Saenger
PUBLICITY	Kirk Rundle
MEMBERSHIP	Susan Nissen
NEWSLETTER	Rick Miller
ADVERTISING	Dennis Hedke
WEBPAGE	Noah Stimac
CONTINUING EDUCATION	Open
POTENTIAL FIELDS	Open

## Membership in GSK

Joining GSK can be accomplished either by requesting an application form from Membership chairman Susan Nissen at [snissen@kgs.ku.edu](mailto:snissen@kgs.ku.edu), or 785-864-2179, 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>
<b>Active</b>	<b>\$25</b>
<b>Associate</b>	<b>\$25</b>
<b>Student</b>	<b>\$10</b>

## GSK Charter Members

The following individuals provided signatory support to solicit the SEG for affiliation

Michael Crouch	John Edwards	Katherine Edwards	Robert Francis
William Hambleton	Dennis Hedke	Richard Miller	Richard Saenger
Don Steeples	Ruth-Ann Womble	Jianghai Xia	John Beury
Susan Nissen	Kirk Rundle	Georgios Tsoflias	James Womble
Timothy Carr	Kelly Liu	John Hastings	Scott Corsair



**Your Ad could be occupying this space.**



**G E O P H Y S I C A L S O C I E T Y  
O F K A N S A S**

P.O. Box 48069  
Wichita, KS 67201

Questions?:  
webmaster@gskseg.org

Seeking Subsurface Solutions

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

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## OUR MISSION:

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

Please join us as we seek to accomplish this objective. 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.

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## GSK Advertising

**GSK is seeking subscribers to fill space in future newsletters. Initially, the Newsletter will be circulated only electronically, however, options for hardcopy are also being considered.**

**Preferred formats for electronic files are typical word document, jpg, etc., although we may be able to handle others. Please check with us if you have questions.**

### ADVERTISING RATE SCHEDULE



**Expand your exposure—Advertise in the GSK Newsletter.**

Description	Single Issue Rate	9 Issue Rate
Business Card	<i>Annual Rate Only</i>	\$75
Eighth Page	\$45	\$250
Quarter Page	\$80	\$500
Half Page	\$150	\$750
Full Page	\$275	\$1000

To obtain a downloadable order form, please go to our website at <http://gskseg.org>