



KANSAS GEOLOGICAL SOCIETY

# BULLETIN

Volume 93 Number 6

November - December 2018

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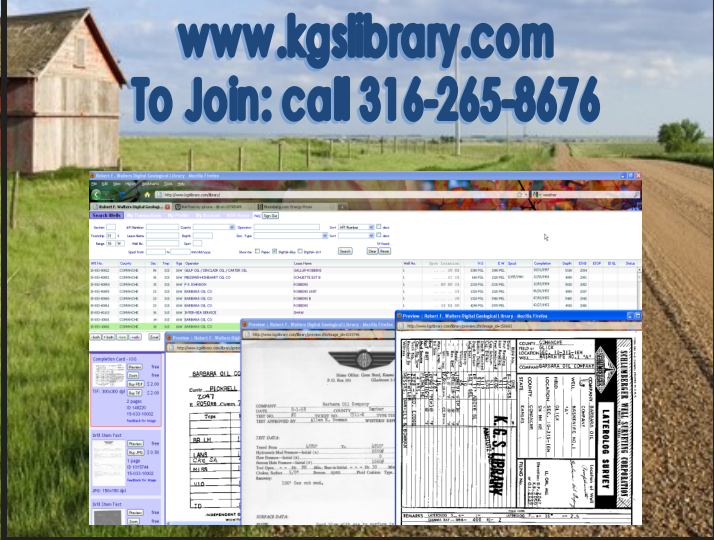
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## ON THE COVER:

*Pictures from the 4th Biennial AAPG MCS Field Conference  
In SE Nebraska  
Outcrops of the Indian Cave Sandstone*

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## CALL FOR PAPERS

The Kansas Geological Society Bulletin, which is published bimonthly both in hard-copy and electronic format, seeks short papers dealing with any aspect of Kansas geology, including petroleum geology, studies of producing oil or gas fields, and outcrop or conceptual studies. Maximum printed length of papers is 5 pages as they appear in the Bulletin, including text, references, figures and/or tables, and figure/table captions. Inquiries regarding manuscripts should be sent to [manager@kgslibrary.com](mailto:manager@kgslibrary.com) or mailed to 212 N. Market, Ste. 100, Wichita, KS 67202. Specific guidelines for manuscript submission appear in each issue of the Bulletin, which can also be accessed on-line at the Kansas Geological Society web site at <http://www.kgslibrary.com>

# SOCIETY Technical Meetings

## KGS 2018 /2019 Technical Talks

November	7	Dr. Brian Cardott –OU “Oklahoma Shale Resource Plays”
	28	TBD
December	12	TBD
	19	KGS Annual Business Meeting
December	21	KGS Library Christmas Open House 10:00 AM-2:00 PM
January	30	Dr. Tony Walton- Univ. of Kansas Student Pool Studies
April	24	Dr. Hendratta Ali – Ft. Hays State Univ. Student Studies

## Other activities in 2019

January	25	KGS Annual Banquet – Denise Cox President AAPG
May	18-22	AAPG ACE Convention San Antonio, TX
October	5-9	MCS Convention Wichita, KS Toby Eck – General Chair

Please remember to check the website for the most up to date information on Technical Talks  
<http://www.kgslibrary.com/techtalks.cfm>

*Tech Talks are held at Landmark Square  
212 N. Market—4th floor  
In the Wisdom Center*



*Note: For those geologists who need 30 points to renew their licenses, there will be a sign-in sheet at each presentation and also a certificate of attendance.*

# KANSAS GEOLOGICAL SOCIETY



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### Advertising

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Wesley Hansen

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Members: Tim Hellman, Chuck Brewer, David Doyel, and Tom Funk

## A.A.P.G. DELEGATES

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Ernie Morrison    Douglas Davis  
2018                    2018

## BULLETIN STAFF

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### EDITORS

Wes Hansen (316) 772-6188  
Ernie Morrison (Technical Editor - deceased and sorely missed)

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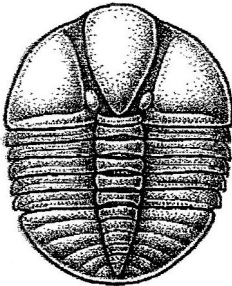
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**Randy Lilak correctly identified  
The last one as: Harpides**

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Paleontology are prohibited from entering.**



### ***Kansas Geological Society (KGS) Medallion for Scientific Distinction and Excellence***

The Kansas Geological Society (KGS) Medallion for Scientific Distinction and Excellence may be given annually for peer-recognized, sustained significant scientific contributions to all facets of applied Kansas geology, including work either in Kansas or in surrounding states if the latter contributions pertain directly and significantly to Kansas geology. No more than one award may be given each year, an award does not have to be given every year, and members of the KGS Awards Committee that handle nominations for this award cannot nominate themselves for this award. The candidates need not be active KGS members, and they must be living at the time of selection. The primary consideration in the selection of a candidate shall be his or her sustained, published, significant contributions to any facet of Kansas geology. Contributions may be varied in form such as development of geologic concepts, advancement in discovery thinking, and recognized leadership in exploration concepts. Oral and/or written publications in peer-reviewed geological venues is a requisite criterion for any candidate for this award. The name of a candidate shall be presented by the Awards Committee to the KGS Board of Directors for their approval. Once approved, the recipient shall be presented an appropriate award in the form of a medallion or plaque recommended by the Awards Committee and approved by the Board of Directors at the annual business meeting of the society. This is a new award given by the KGS for distinction and achievement in Geological research in Kansas.

Awards Committee members are Sal Mazzullo, Mike Dealy and Alfred James.

# President's Letter

Society and Library Members,

As 2018 is coming to a close, I am approaching my last couple of months as KGS President. As many of you know, the library is still in limbo regarding employees coming and going. Tammy Nichols resigned in August to take another job. We had a going away party for her and wished her the best of luck. Thank you for those that attended. Angela Forrest is taking her place and will be running the WDL as well as assuming other duties that Tammy filled. The Board elected to hire Wes Hansen as part-time manager for the library. He started October 1<sup>st</sup> and will be an immense help and resource in the future. The Board had hired a bookkeeper to fill Janice's position, but she is no longer with us. For the remainder of the year, AGH (Allen, Gibbs & Houlik, L.C.) has been hired to do the KGS, WDL and KGF bookkeeping and accounting. After the first of the year, we will assess, with AGH's recommendation, exactly what is needed to fill that position. There are other changes in the works, and my goal is to have all needed positions filled by the end of the year.



The KGS Fishing and Shooting Tournaments were once again a success. Thank you to the Chairmen, sponsors, and employees that help make these events possible. Thank you especially to the members that participate in these events.

KGS 2019 Board elections will be taking place in the very near future. Please take time to vote. As I stated in the last bulletin, the next few years are going to be extremely important for the KGS Library, the WDL and the Foundation. There will be numerous and very important decisions to be made – the current lease of the library will terminate in three years, the financial position of the KGS is a concern, the aging membership of the KGS is somewhat problematic, and the amount of data to integrate continues to increase. It is going to take a lot of leg work, level heads to make proper decisions, a cooperative team to tackle the ongoing problems, and of course money. I would like to thank the nominees that agreed to run for the 2019 Board. It is a huge responsibility. It is also the member's responsibility to vote.

And lastly, I would like to thank the 2018 Board and my advisors. There has been turmoil and just a little chaos, but it has been fun! Here's to 2019.

Thank you,

Beth A. Isern  
2018 KGS President

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Walters Digital Library	15/26

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## Missing reference books and periodicals from the KGS Resource Room

I'm channeling the spirit of my dear departed friend Bob Slamal. Bob was determined to organize all of the text books, survey bulletins and various publications that are in the resource room at the KGS Library. He spent countless hours on his own time to accomplish this task. Many years back, before his untimely death, he instituted a checkout policy for these materials. Cards were filled out with the borrowers name and publication, then placed in an envelope on the shelf where the publication was removed.

Recently I noticed many of these envelopes on the shelves and began to peruse them. Many items have been gone for years. I'm asking that each member check your reference materials for these missing items. I'm sure they will be marked as KGS property.

Please help me in this endeavor. This is my FITH appeal to the membership. Thus far there has been no response. In a future issue, I am considering publishing a list of the perps.

Wes Hansen  
Editor

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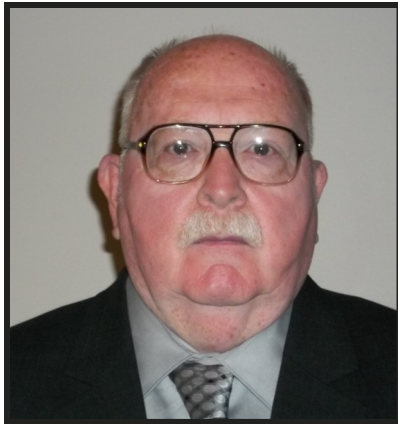


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# Meet the Candidates

## Vice President - President Elect



**Curtis E. Covey**

**Education:**

BA Geology Wichita State 1973  
MS Geology Wichita State 1985

**Professional Experience:**

Energy Exploration - Exploration Manager  
Wellsite Geologist 40+ years

**Previous KGS Service:**

KGS Board Advisor 2017  
KGS Library Committee

**Professional Affiliations:**

AAPG and DPA  
Kansas Registered Geologist  
GSA  
SIPES



**Tim Lauer**

**Education:**

B.S. in Geology with Honors, 1981, Wichita State University

**Professional Experience:**

Range Oil Company 1981-1995, Prospect and Wellsite Geologist  
McCoy Petroleum as Technology Systems Manager from August 1995 thru December 1998.  
President of Intrepid Exploration, Inc. from January 1999 to the present.

**Previous KGS Board Service and Committee Work:**

Computer Committee Chairman for Ks. Geol. Society 1993, 1994, 1999. Helped coordinate and plan future developments for Kansas Geological Society. Served as Member of the KGS Board of Directors 2000-2002. Has given several KGS talks on availability and integration of online resources into geologic databases.

**KGS Awards (if any):**

Distinguished Service Award for KGS Computer Committee – 1994

**Professional Affiliations and Licenses:**

AAPG member since 1981. Kansas Geological Society and Library member since 1981.

**Publications:**

Contributing Author for KGS Professional Bulletin. Contributing Author for Hart's PetroSystem's World. Contributing Author for American Oil and Gas Reporter. Numerous post degree educational classes



**Robert P. Bayer, II**

**Education:**

B.S. Agricultural Economics - Kansas State University 1980  
B.S. Geology - Wichita State University 1985

**Professional Experience:**

Murfin Drilling Company - Production Technician 1984 - 1985  
Great Guns - Logging Engineer Trainee 1985; GEO - Mud logging Geologist 1987-1988  
Terracon - Environmental Geologist 1990-1998; Greystone - Environmental Geologist 2000 - 2003  
GSI - Environmental Geologist 2003 - 2005 Consulting Geologist 2005 - 2006  
Lario Oil & Gas Company 2007 - 2016, Consulting Geologist 2016 - Present

**KGS Board Service:**

Annual Banquet Chair 2008 - 2013  
Secretary/Treasurer 2012/2013  
AAPG Mid Continent Section Meeting Judges Chair 2013

**Affiliations:**

Kansas Geological Society

# Meet the Candidates

## Secretary 2019 - Treasurer 2020



**Robert Stozle**

**Education**

B.S. Geology, 1972, L.S.U., Baton Rouge, LA

**Professional Experience**

Retired - 2017 to present  
Consulting Geologist - 1985-2016  
Foundation Resources  
Team Resources Corp.  
Anschutz Corporation  
Staff Geologist - Kenai Oil & Gas, Inc., 1982-1985  
Exploration Geologist - Terra Resources, Inc.. 1980-1982

**Professional Affiliations**

Kansas Geological Society  
Licensed Kansas Geologist #278  
AAPG Certified Professional Geologist #5692  
Society of Petroleum Engineers  
GSA

**KGS Boards and Committees**

KGS Board Director 2007-2008  
KGF Board President 2013 & 2014



**Education**

M.Sc. Geology, Wichita State University  
B. SC. Civil Engineering, University of Peradeniya, Sri Lanka

**Professional Experience**

Berexco LLC. – Geologist/ Geophysicist 2007-present  
Teaching Assistant Dept. of Geology- WSU 2007-2008

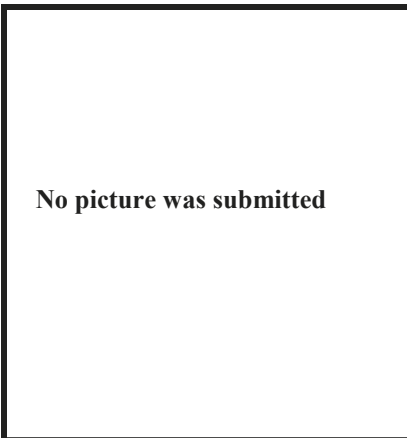
**Professional Affiliations**

Kansas Geological Society, Kansas Geophysical Society, Kansas License #836  
American Association of Petroleum Geologists

**KGS Boards and Committees**

Bob Slamal Type Log Committee

**Ganganath "G" Koralegedara**



No picture was submitted

No profile was submitted prior to publication

**Francis X. Schloeder, III**

# Meet the Candidates

## Director at Large



**Douglas V. Davis, Jr.**

**Education:**  
Wichita State University 1973

**Professional Experience:**  
Consulting Petroleum Geologist 44 years

**Previous KGS Service:**  
Secretary/Treas. 2006-07,  
President Elect/President/Director 2010-12  
Annual Banquet Chairman,  
Program Chairman

**Distinguished Awards:**  
General Chairman 2013  
AAPG MCS Convention  
AAPG Delegate 2009-2018

**KGS Awards:**  
Honorary Member 2015

**Professional Affiliations:**  
Kansas Licensed Geologist #482  
AAPG Certified Petroleum Geologist #6236,  
AAPG Mid-Continent Section:  
Secretary 2011-13; Treasurer 2013-15;  
Vice President 2015-17; President 2017-19;

AAPG MCS Coordinator  
Visiting Geoscientist Program 2014-18  
AAPG Division of Professional Affairs:  
Councilor 2017-18; Treasurer 2018-19

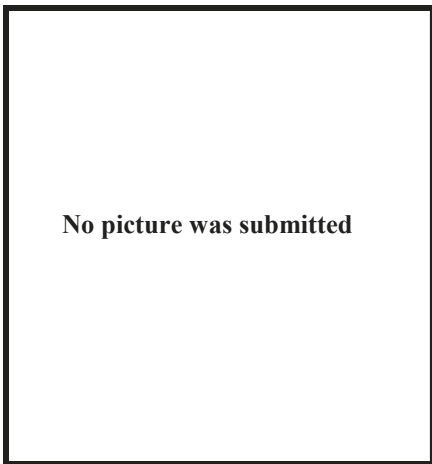


**Michel T. Runnion**

**Education:**  
M.S., Earth, Environment and Physical  
Sciences, Wichita State University, 2008  
B.S., Geology, Wichita State University,  
2003

**Professional Experience:**  
Murfin Drilling Company, Inc. – Geolo-  
gist, 2006-Present  
Wichita State University – Graduate  
Teaching Assistant, 2005

**Professional Affiliations:**  
AAPG  
Kansas Geological Society



No picture was submitted

No profile was submitted prior to publication

**Mark Crawford**

# Memorial

## Ernest R. “Ernie” Morrison

Ernest Robert Morrison (Ernie) was born on December 23, 1947 in Minneapolis, Minnesota. Ernie grew up in an atmosphere of hunting and fishing. Ernie’s Dad was in construction and his mother was a happy homemaker. Construction in Minnesota was a 9 month of year job so about every 3 years the family moved to follow work. Ernie lived all over Minnesota during his youth.

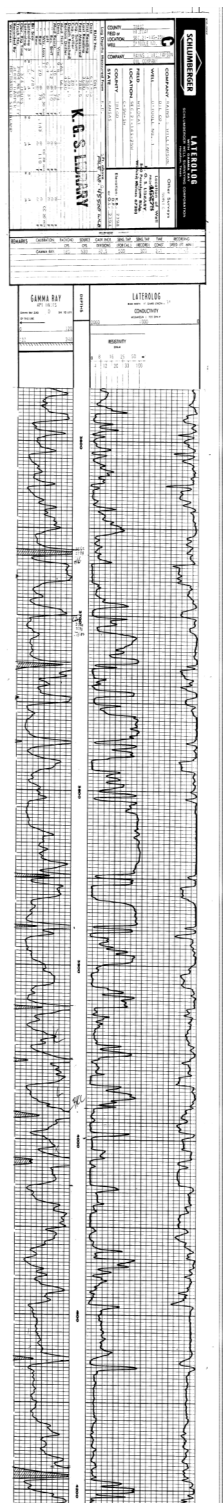
After graduating from High School Ernie joined the Navy. His Dad told some great stories about the Navy so as the Vietnam War raged on it was logical. At graduation from High School there were three choices: go to college, get drafted or join the military. The great stories turned out to be not so great but it all worked out. The first year in the Navy was spent going to boot camp, gunners mate school and a school in Little Creek Virginia. The second year was spent about 40 miles up the Mekong River as base support for a PBR Unit. Best tan ever. The third year was spent on DE 1033 home ported out of Pearl Harbor Hawaii. This ship took a little cruise from Hawaii across the Pacific Ocean into the Indian Ocean over to Africa and then around Australia back to Hawaii.

After Ernie’s Navy experience he went to Amarillo Texas where he met the love of his life: Patricia Ann Miller. After a short engagement Ernie and Pat were married in June of 1970. Ernie was working on helicopters at Bell Helicopter and started to go to Amarillo College. It was after Amarillo College that Ernie went on to West Texas State University in Canyon Texas. It is now known as Texas A&M at West Texas State University. After graduation he went to Weatherford Oklahoma to do mud logging for various companies in Oklahoma, Kansas and Texas. This was so much fun that after 18 months he went back to West Texas State University to work on his Master’s Degree. It was most fortunate that he then got on with Coastal Corporation: the oil boom was just starting.

In 1979 Ernie and Pat had their second child. John was six weeks old when they moved to Derby Kansas to work for Imperial Oil Company. A better paying job and a chance for overriding royalties was a big draw. That was in the days of company cars, petroleum club membership and drilling was rampant. As the business slowed down Imperial Oil Company sold out and Ernie opened an office for SunWest Exploration: a Denver company. Pat and Ernie discussed how they would give it a year and see what would happen. SunWest went broke at 11 months and the last two pay checks bounced. Ernie became a consultant geologist and for the next 9 years worked putting prospects together and watching wells. Ernie had an office with a variety of companies and eventually took a job with Hugoton Energy Corpora-



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**BULLETIN CONTENT POLICY**

Effective January 1, 2018, only ads for service companies and geologists offering their services will be permitted in the KGS Bulletin. Furthermore, only content of geologic interest or official KGS functions (technical talks, annual banquet, golf tourney, picnic etc.) will be permitted in this bulletin. This policy is in keeping with maintaining a professional standard for this publication. Any interpretation of this policy rests solely with the editor of this bulletin.



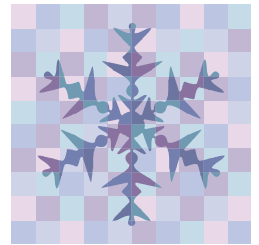


***KGS Christmas Open House  
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and soft drinks provided***

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## **AAPG Section Meeting Updates**

**May 2019      18-22 AAPG ACE Convention**

**San Antonio, TX**

**October 2019    5-9    MCS**

**Wichita, KS**

## **Robert F. Walters Digital Library**

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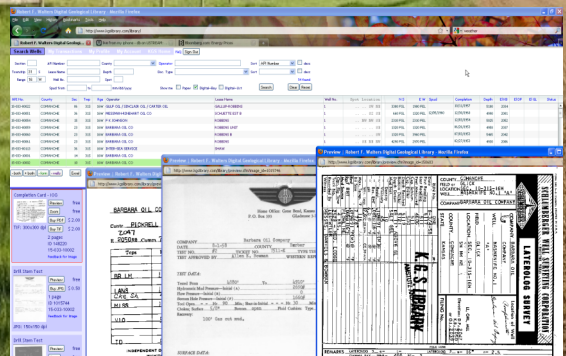
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tion when they decided to go public. It was a lot of fun buying companies but then HEC was bought by Chesapeake Energy and the fun ended. Back to consulting.

In January of 1999 Ernie went to work on special project for the Kansas Geological Survey. A great job doing science and geology for a project Dr. Carr put together. As the project for the survey slowed down Ernie went to Murfin Drilling Company working with Larry Jack in the Production Department. This is where Ernie learned about polymers and environment work. The job at Murfin Drilling Company was good job but not in exploration. When an opening showed up at Mull Drilling Company Ernie asked Mark Shreve, President of Mull, if he should send over a resume. He told Mark he would receive 1000 resumes and his would make 1001. As luck would have it he got the job and went back into exploration. After almost 15 years he retired from Mull at the end of 2017 to work a bit less and see the grandbabies a bit more.

During his work as a geologist Ernie was involved with the Kansas Geologic Society. Over the years Ernie worked on many committees and held offices from Secretary to President. He is also an honorary member. In addition to his volunteering of time for the KGS Ernie worked with the AAPG. For his work in the Mid-Continent Section he was awarded the highest award possible from the Mid-Continent Section: The Robey H Clark Award. After a short break Ernie has gone back into the exploration game. He has had a great career, a wonderful wife of 48 years, two grown sons with wives and four grandchildren. Life is good and now it is "End of Story".

### **Additional comments from close friend, Larry Richardson**

Ernie also taught basic online Geology classes for WSU and Cowley College. On Ernie and Pat's final trip they took a Viking tour through Russia on a river boat. As part of the trip they toured St. Petersburg and Moscow which included a side trip to Red Square. Pat related that as they were walking across the Red Square cobblestones, being a sharp-eyed geologist, Ernie spotted a small piece of granite that had broken off of one of the cobblestones and picked it up and put it in his pocket. Pat was convinced that the KGB was going to arrest them, but, thankfully, it didn't happen. That piece of granite was present at Ernie's memorial service as a fitting tribute to a great man and a respected geologist. When we lost Ernie we also lost a friend to all of us.

**It also needs to be noted that Ernie was currently serving the first year of his 3-year term as a member of the Board of Directors of the Kansas Geological Foundation. And note that a memorial in his name has been established with the Foundation.**

**Editor's Note: Ernie must have seen "the writing on the wall" as his self written memorial was on his cell phone. His wife, Pat, discovered it and sent it to me.**



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### **NOTICE!!!!**

#### **WSU GEOLOGY CLUB & Papa John's Pizza**

Papa John's offered WSU student organizations an opportunity to raise monies for their organizations.

The **WSU Geology Club** is participating  
And **YOU** can help them!

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(those are zero's, not letter O)

With this code, the customer will receive 40% off their entire online order and WSU's AAPG Student Chapter will receive 10% of the money spent on the order.

**Eating pizza tonight?  
Let's help WSU Geology Club!**

Monies raised will be used towards gas money to travel to local schools when they promote the geosciences to grade schools, registration costs for workshops, seminars and AAPG Student Expos, and social and academic events like an upcoming "Lunch and Learn" series next fall.

### **The Following Are For Sale**

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*New Mexico Completion Cards*

*North Dakota Completion Cards*

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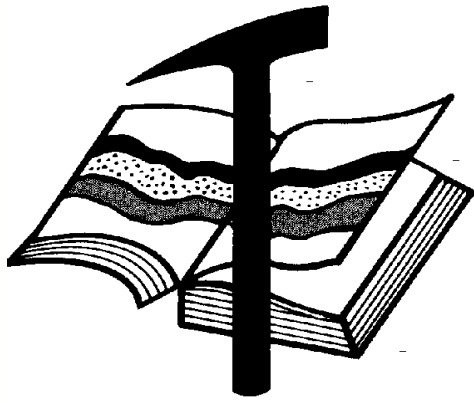
*Microfiche Electric Logs*

*Kansas  
Oklahoma  
Texas*

### **Geological Office Furniture:**

- 8-drawer completion card cabinets
- 7-drawer cabinets
- Map cabinets—metal—2 available
- Map racks—different sizes

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**Ask for Ted**



# Kansas Geological Foundation

Web Site: [www.kgfoundation.org](http://www.kgfoundation.org)

**212 North Market  
Wichita, Kansas 67202**

A not-for-profit educational and scientific corporation

## **GOALS:**

- promote geology and earth science
- preserve geological records
- establish memorials and endowments
- support field trips and seminars
- financial aid and grants to students

**PLEASE HELP SUPPORT THE FOUNDATION**

## **Kansas Geological Foundation Services**

The Kansas Geological Foundation provides the following services as a part of the organization's commitment to educate the public regarding earth science.

### **Speaker's Bureau**

A list of speakers available to talk about various aspects of geology may be obtained by contacting Janice Bright at the KGS Library, 265-8676. This service is free to the public.

### **DVD/Videotape Library**

The KGF maintains a DVD & videotape library focused primarily on the various fields of earth science. These tapes may be checked out without charge by the public. To obtain a list of tapes, please contact the KGS Library, 212 N. Market, Ste. 100, Wichita, KS 67202, or call Janice Bright at 265-8676.

The Kansas Geological Foundation was founded in March, 1989 as a not-for-profit corporation under the guidelines of section 501(c)(3) of the tax code to provide individuals and corporations the opportunity to further the science of geology. It is dedicated to providing charitable, scientific, literary and educational opportunities in the field of geology for the professional geologist as well as the general public.

KGF can receive in-kind donations through which the donor may receive a tax deduction. Of equal importance, the KGF provides the financial resources to sort, process and file this data at the KGS library. If you have a donation to make, please contact the KGF at 265-8676.

Your tax-deductible membership donation helps to defray the cost of processing donations and to support public education programs about the science of geology. Annual membership begins at \$50.00 per year. Donations of \$100.00 or more are encouraged through the following clubs:

<b>Century Club</b>	\$ 100 to \$ 499
<b>\$500 Club</b>	\$ 500 to \$ 999
<b>Millennium Club</b>	\$1000 to \$5000
<b>President's Club</b>	\$5000 and over

# *Kansas Geological Foundation*

## *Cornerstone*

### *Kansas Geological Foundation News*

#### **Fall 2018 Scholarship Recipients**

<b>Mikaela Rader</b>	<b>KSU</b>	<b>\$500.00</b>
<b>Keelan Umbarger</b>	<b>KU</b>	<b>\$500.00</b>
<b>Isaac Allred</b>	<b>KU</b>	<b>\$500.00</b>
<b>Caroline Nazworth</b>	<b>KU</b>	<b>\$500.00</b>
<b>Deserae Jennings</b>	<b>KU</b>	<b>\$500.00</b>
<b>William Swanson</b>	<b>WSU</b>	<b>\$500.00</b>
<b>Lauren Haga</b>	<b>KU</b>	<b>\$250.00</b>
<b>Julie Sophis</b>	<b>KU</b>	<b>\$250.00</b>

#### **Grant Request Recipients**

<b>Dr. Hendratta Ali</b>	<b>FHSU</b>	<b>\$1000.00</b>
<b>Nina Atae</b>	<b>KSU</b>	<b>\$500.00</b>
<b>KayLeigh Rogers</b>	<b>KSU</b>	<b>\$500.00</b>
<b>Luke Rijkogel</b>	<b>KSU</b>	<b>\$500.00</b>

#### **KGF Officers and Board Members**

**President- Larry Richardson**  
**Vice President - Dennis Hedke**  
**Treasurer - Bryce Bidleman**  
**Secretary - Larry Friend**

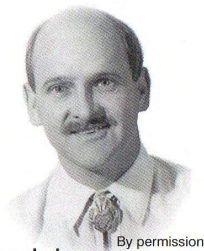
#### **Board Members**

**Ernie Morrison**  
**Marc Summervill (Grants)**  
**Brian Fisher (Membership)**  
**Ken Leblanc**  
**Ken Wallace**

---

**Scholarships - Maurice Korphage**  
**Publicity - Wes Hansen**

## **The Kansas Geological Foundation Needs You!**



The KGF provides the financial resources to sort, process and file, in-kind donations of geological data at the KGS library. Due in large part to the KGF this unique and rare well of information is being made available to all. Please consider telling your company management and colleagues about the benefits of a library that continues expanding in part because of the KGF.

**We very much value and need your financial support.**

# *Kansas Geological Foundation News*

Students: The KGF awards scholarships each December and May. Check with your department chairs for applications. You must submit complete applications by the deadline.

## **Scholarship Applications for the Spring semester will be due by December 1, 2018.**

Grants to help with research on Kansas related geology are also considered for aid.

In the first nine months of 2018, 18,879 donated logs were examined. Of these, 2,180 (11.6%) were new logs. Since integration began in 2011, 168,925 documents have been integrated. 50,999 (30.19%) new logs have been added to the libraries with 2,522 rescans.

The Foundation thanks Lee Banks for his donation of well logs and a card set.

If you are in the KGS Library and see Ted Jochems or any of the integrators, give any of them a great big thanks for their efforts in continuing the tedious process of examining, scanning and integrating new logs and geologist's reports etc. into our library and the WDL.

---

Currently, the Foundation has three students working on well log integration: Kyle Lawson, Helen Cruz, and Shuyao Li (a.k.a. Emily) along with Ted Jochems. They work between ten and thirty hours per week. More than a dozen other part-time integrators have worked on the project since 2010.

---

## **Is it Time for the KGS Bulletin to go Only Digital?**

**The readers of the KGS Bulletin have no doubt noticed the gradual decrease in advertising in our society bulletin. We have lost two 1/2 page color ads in the last couple of months. The costs for printing and mailing the bulletin far exceed the ad revenue. Currently, one can view the bulletin online from the Kansas Geological Society website and print from one's own computer.**

**One concern expressed to me is that some members may not be able to receive a pdf of the bulletin in their email program due to the file size. It has also been suggested to me that a link to the current issue could be emailed to the membership that would take them to the current issue.**

**Express your concerns to me at [whansen4651@sbcglobal.net](mailto:whansen4651@sbcglobal.net)**

**Thanks,  
Wesley D. Hansen, editor**

# Kansas Geological Foundation Memorials

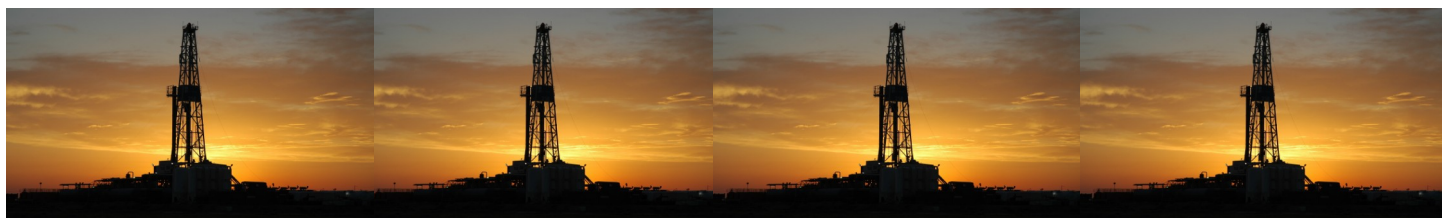
KGS Member	Date Deceased	Memorial Established
Dan Bowles	09/89	1990
John Brewer	10/89	1990
George Bruce	08/89	1990
Robert Gebhart	01/90	1990
Ray Anderson, Jr.	11/90	1990
Harold McNeil	03/91	1991
Millard W. Smith	08/91	1991
Clinton Engstrand	09/91	1991
M.F. "Ted" Bear	10/91	1991
James & Kathryn Gould	11/91	1991
E. Gail Carpenter	06/91	1993
Benton Brooks	09/92	1992
Robert C. Armstrong	01/93	1993
Nancy Lorenz	02/93	1993
Norman R. Stewart	07/93	1993
Robert W. Watchous	12/93	1993
J. George Klein	07/94	1994
Harold C.J. Terhune	01/95	1995
Carl Todd	01/95	1995
Don R. Pate	03/95	1995
R. James Gear	05/95	1995
Vernon Hess	06/95	1995
E. K. Edmiston	06/95	1995
Jack Rine	07/95	1995
Lee Cornell	08/95	1995
John Graves	10/95	1995
Wilson Rains	10/95	1995
Heber Beardmore, Jr.	09/96	1996
Elmer "Lucky" Opfer	12/96	1996
Raymond M. Goodin	01/97	1997
Donald F. Moore	10/92	1997
Gerald J. Kathol	03/97	1997
James D. Davies	08/88	1997
R. Kenneth Smith	04/97	1997
Robert L. Dilts	05/97	1997
Delmer L. Powers	06/72	1997
Gene Falkowski	11/97	1997
Arthur (Bill) Jacques	01/98	1998
Bus Woods	01/98	1998
Frank M. Brooks	03/98	1998
Robert F. Walters	04/98	1998
Stephen Powell	04/98	1998
Deane Jirrels	05/98	1998
William G. Iversen	07/98	1998
Ann E. Watchous	08/98	1998
W.R. "Bill" Murfin	09/98	1998
Donald L. Hellar	11/98	1998
Joseph E. Rakaskas	01/99	1999
Charles W. Steincamp	02/99	1999
Robert and Betty Glover	10/96	1998
Howard E. Schwerdtfeger	11/98	1999
W. W. "Brick" Wakefield	03/99	1999
V. Richard Hoover	01/00	2000
Warren E. Tomlinson	01/00	2000
James A. Morris	01/00	2000
Eric H. Jager	03/00	2000
Kenneth W. Johnson	03/00	2000

# Kansas Geological Foundation Memorials

KGS Member	Date Deceased	Memorial Established
Dean C. Schaake	03/00	2000
Fred S. Lillibridge	05/00	2000
Jerry A. Langrehr	07/00	2000
Clark A. Roach	07/00	2000
Floyd W. "Bud" Mallonee	10/00	2000
Ralph W. Ruuwe	09/00	2000
Robert L. Slamal	02/01	2001
Jerold E. Jespersen	06/01	2001
William A. Sladek	06/01	2001
Harlan B. Dixon	06/01	2001
Edward B. Donnelly	08/01	2001
Richard P. Nixon	02/02	2002
Robert W. Frensley	12/01	2002
Gerald W. Zorger	01/02	2002
Don L. Calvin	03/02	2002
Claud Sheats	02/02	2002
Merle Britting	2002	2002
Harold Trapp	11/02	2002
Donald M. Brown	11/02	2003
Elwyn Nagel	03/03	2003
Robert Noll	09/03	2003
Benny Singleton	09/03	2003
Jay Dirks	2003	2003
J. Mark Richardson	02/04	2004
John "Jack" Barwick	02/01	2004
Richard Roby	03/04	2004
Ruth Bell Steinberg	2004	2004
Gordon Keen	03/04	2004
Lloyd Tarrant	05/04	2004
Robert J. "Rob" Dietterich	08/96	2004
Mervyn Mace	12/04	2004
Donald Hoy Smith	04/05	2005
Richard M. Foley	06/05	2005
Wayne Brinegar	06/05	2005
Charles B. Moore	09/96	2005
Jack Heathman	05/06	2006
Charles Kaiser	09/06	2006
Rod Sweetman	08/06	2006
Karl Becker	10/06	2006
Frank Hamlin	10/06	2006
Marvin Douglas	12/06	2006
Robert W. Hammond	04/07	2007
Eldon Frazey	04/07	2007
Pete Amstutz	05/07	2007
Charles Spradlin	05/07	2007
Donald R. "Bob" Douglass	09/07	2007
Vincent Hiebsch	11/07	2007
Glen C. Thrasher	03/08	2008
Peg Walters	06/08	2008
Theodore "Ted" Sandberg	07/08	2008
James Ralstin	11/08	2008
Earl Brandt	04/09	2009
Walter DeLozier	05/09	2009
Don D. Strong	1/10	2010
John Stone	02/10	2010

# Kansas Geological Foundation Memorials

KGS Member	Date Deceased	Memorial Established
Craig Caulk	03/10	2010
Joseph E. Moreland, Jr.	03/10	2010
Gene Garmon	03/10	2010
James F. Dilts	05/10	2010
Jerry Pike	05/10	2010
Donald Hollar	06/10	2010
Delbert Costa	08/10	2010
John Tanner	08/10	2010
William (Bill) Owen	09/10	2010
Harold (Hal) Brown	10/10	2010
Edmund G. Lorenz	11/10	2010
Thomas E. Black	05/11	2011
Wayne E. Walcher	07/11	2011
Henry F. Filson	07/11	2011
Thomas Ray	07/11	2011
Edgar E. Smith	09/11	2012
Marilyn Messinger	06/13	2013
Micheal Mitchell	09/13	2013
Orvie Howell	11/13	2013
James Thompson	11/13	2013
Dick Rowland	09/13	2014
Robbie Thompson	12/13	2014
Kris Kennedy	04/14	2015
Annette Hedke	02/15	2015
James Devlin	04/15	2015
Robert Gensch	09/15	2015
Jerald Rains	05/16	2016
Max Houston	05/16	2016
Robert "Gus" Messinger	01/17	2017
Jimmy Wayne Gowens	04/17	2017
Walter H. Martz Jr.	01/18	2018
Gary Sandlin	01/17	2018
Douglas McGinness	12/16	2018
Allen Siemens	06/18	2018
Ernest R. "Ernie" Morrison	09/18	2018





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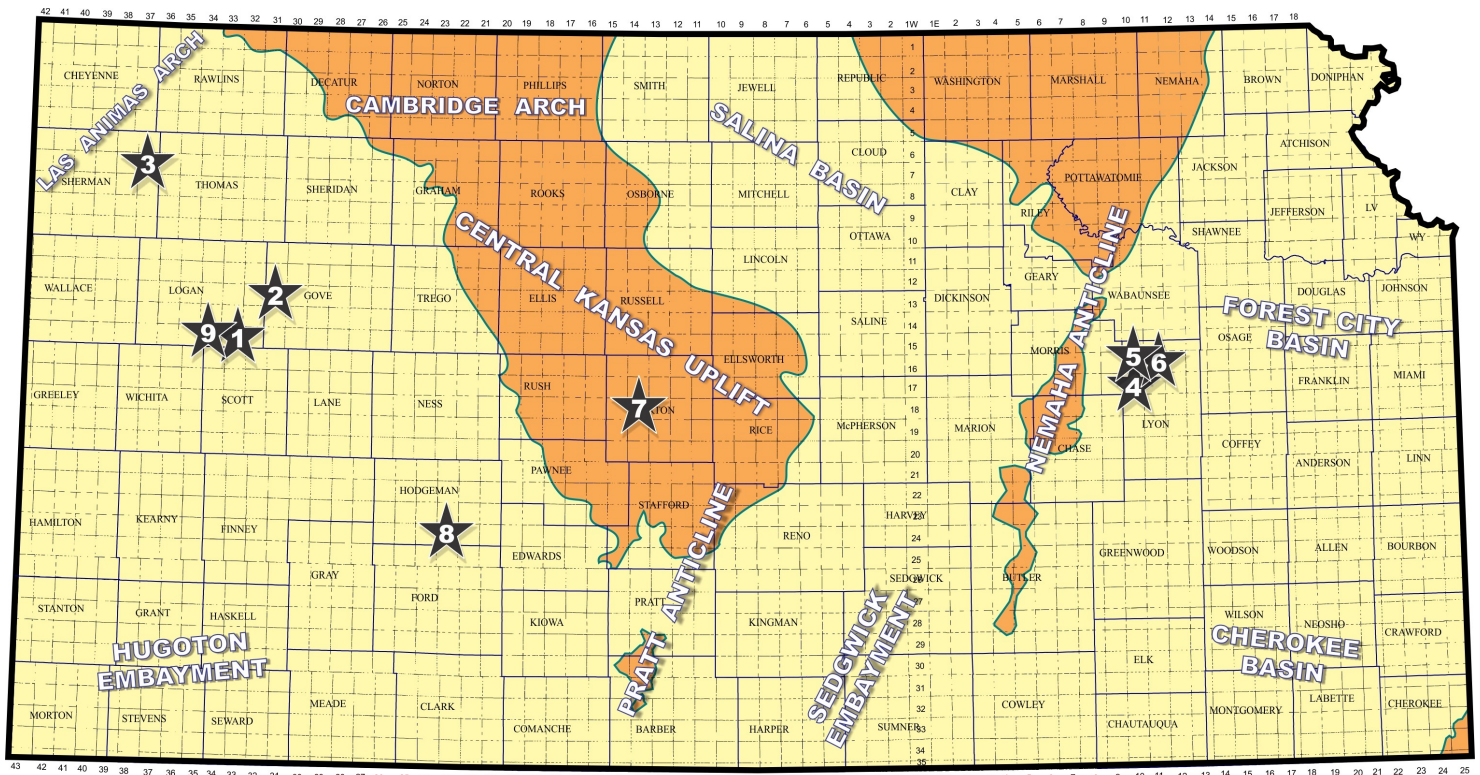
**AAPG Needs You!**  
**Professional geoscientists, share your world!**

The Mid Continent Section has **17 AAPG Student Chapters**, but only **3 Visiting Geoscientists**...which makes it almost impossible to have a professional geoscientist visit to each school at least once a year or even once every two years. The aim of AAPG's program is to give students a flavor of a professional life in energy resources. It also hopes to encourage dialog between industry and academia.

To be a Visiting Geoscientist bearing the AAPG flag, you are asked to have at least 5 years of experience and make at least one visit per year to a university. It can be a school with an AAPG Student Chapter, or a college/university without one. Your choice.

The Mid Continent schools with Student Chapters are: Missouri University, Fort Hays State University, Iowa State University, Kansas State University, Missouri State University, University of Nebraska, Northwest Missouri State University, Oklahoma State University, University of Oklahoma, University of Arkansas, University of Iowa, University of Kansas, University of Missouri, Columbia University of Tulsa and Wichita State University.

Contact Robbie Gries, co-Chair VGP committee, Denver, if you are interested in learning more. rrgries@aol.com



Map courtesy of Marc Summerville

Cobalt Energy LLC, Wichita (KS), has successfully completed the #1-30 Radnor 'A' in Logan County. The wildcat well establishes the new Binns Northwest Field that lies over one mile northwest of the Binns Field. The well is pumping an estimated 50 to 70 bbl of oil per day from the Marmaton and Johnson Zone formations. Cobalt also discovered the Binns Field in late 2016 with Marmaton oil production. The #1-30 Radnor 'A' found new oil deposits in approximately the NE NW SE SW in section 30- T15s- R33W, about 13 miles south and 7 miles east of Russell Springs, Kansas. Rotary total depth was reached at 4681 ft. (API 15-109-21540)

Palomino Petroleum, Newton (KS), has discovered oil deposits in the Johnson Zone formation at their #1 Stevenson Trust, spotted in approximately NE SE SE NE in section 9- T13s- R31W, in Gove County. The new Stevenson Field discovery well was drilled to a total depth of 4761 ft. Well site lies nearly one mile south of the Logo Southeast Field (2011), where the Lansing-Kansas City, Marmaton, Cherokee and Johnson zone formations have given up oil reserves. No completion details are available. Field area is located 1.5 miles south and 14 miles west of the city of Gove, Kansas. (API 15-063-22324)

Chizum Oil LLC, Andover (KS), is producing an estimated 45 bbl of oil per day from the upper Marmaton formation (Altamont 'C') at the #2-36 Gertrude in Sherman County. The Gertrude Field pool opener was drilled to a total depth of 5,010 ft by WW Drilling tools at site located in approximately NW SW SE NE of section 36- T7s- R37W, about 2.5 miles northwest of Brewster, Kansas. The new deposits were found 3

miles southeast of the Sramek Field (1981, Cherokee oil). No completion details have been released. (API 15-181-20611)

John O. Farmer, Inc., Russell (KS), has discovered three new oil fields in Lyon County. First, the #1 Finney is producing oil from the Viola formation at drill site located in approximately SE NE SW NE of section 6-T17s- R10E. The well was drilled by Discovery Drilling tools to a total depth of 3130 ft. Oil deposits were found nearly 4 miles southwest of the Kizler Field (1969, Simpson oil) or 2.5 miles south and 4.2 miles west of the town of Bushong, Kansas. The new oil field has not been named. (API 15-111-20536)

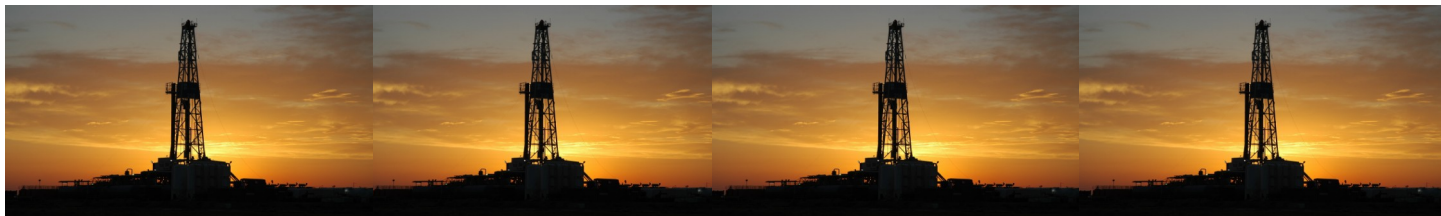
Secondly, in section 25- T16s- R10E, John O. Farmer's #1 Nielsen is producing oil from the Simpson Sand at location 1.2 miles south of the town of Bushong. The well was drilled to a total depth of 3199 ft in approximately SE SW SW SW. Discovery lies one mile northwest of known abandoned production in the Bushong Field (1950, Hunton oil). No completion details are available. The new field has not been named. (API 15-111-20536)

Lastly, Simpson oil deposits were discovered at John O. Farmer's #1 Prellwitz, located in approximately SE NE NE SE in section 16- T156s- R11E, about one mile west of Allen, Kansas. The well opens a new unnamed oil field nearly 4 miles northeast of the Bushong Field (1950, Hunton oil). Total depth of the well reached 3114 ft. Completion details remain confidential. (API 15-111-2-0537)

American Oil LLC, Hays (KS), has established a new unnamed oil field in Barton County with the completion of the #1-19 Nordman. Spotted in approximately SW NE NW SE in section 19- T18s- R14W, the new discovery found oil deposits in the Lansing-Kansas City formation and is completed for 50 bbl of oil per day, no water. Production comes from three zones in the LKC from 3282 to 3440 ft overall. Rotary total depth is 3600 ft. Wellsite is located about 5 miles northwest of the town of Albert, Kansas. Nearest known production (LKC, Arbuckle oil) is found nearly three-quarters mile to the southwest in the Erna Northwest Field (1971). (API 15-009-26212)

Mull Drilling Company, Wichita (KS), has discovered Cherokee oil reserves in Hodgeman County at their #1-30 Fagen, located in approximately E2 SE NW SE of section 30- T24s- R23W. The wildcat well was drilled to a total depth of 4875 ft nearly two miles southwest of closest known production in the Jetport Southeast Field (2018, Cherokee oil). No completion information has been released. The new unnamed field lies about 10 miles south of the city of Jetmore, Kansas. (API 15-083-21948)

Richland Drilling, Beaver (NE), is producing an unknown amount of oil at the #1 Hillery in Logan County. The wildcat well is pumping oil from the Cherokee (Johnson Zone) formation from a depth between 4594 to 4614 ft. Rotary total depth is 4800 ft. Discovery site is located in approximately W2 NW NW SE of section 19- T15s- R34W, about 12 miles south and 1.5 miles east of Russell Springs, Kansas. The new field has not been named. (API 15-109-21550)



# KGS Shooting Tourney 2018 Results - Lynbrooke Sporting Clays

There were 64 participants

Name	Score	TB7	TB8	TB9
<b>1 Dinkel            Garet</b>	<b>93</b>	<b>8</b>	<b>6</b>	<b>8 1st</b>
<b>2 Shields            Patrick</b>	<b>87</b>	<b>6</b>	<b>6</b>	<b>7 2nd</b>
<b>3 Rayl                George</b>	<b>87</b>	<b>6</b>	<b>5</b>	<b>8 3rd</b>
<b>4 Scarbrough        Jeff</b>	<b>85</b>	<b>7</b>	<b>4</b>	<b>8 4th</b>
<b>5 Britting            Dean</b>	<b>84</b>	<b>8</b>	<b>6</b>	<b>7 5th</b>
<b>2nd Flight</b>				
<b>17 George            David</b>	<b>73</b>	<b>7</b>	<b>4</b>	<b>2 1st</b>
<b>18 Meyer             Bruce</b>	<b>73</b>	<b>4</b>	<b>4</b>	<b>7 2nd</b>
<b>19 Whittecar        Boyd</b>	<b>72</b>	<b>7</b>	<b>4</b>	<b>8 3rd</b>
<b>20 Stucky            Rene</b>	<b>72</b>	<b>5</b>	<b>6</b>	<b>7 4th</b>
<b>21 Galyon            Grant</b>	<b>72</b>	<b>3</b>	<b>4</b>	<b>7 5th</b>
<b>3rd Flight</b>				
<b>33 Stone             Evan</b>	<b>67</b>	<b>7</b>	<b>6</b>	<b>7 1st</b>
<b>34 Crisler            Jesse</b>	<b>67</b>	<b>5</b>	<b>4</b>	<b>3 2nd</b>
<b>35 Kidwell           Mike</b>	<b>67</b>	<b>4</b>	<b>5</b>	<b>5 3rd</b>
<b>36 Turner            Robert</b>	<b>67</b>	<b>4</b>	<b>4</b>	<b>8 4th</b>
<b>37 Russell           Troy</b>	<b>65</b>	<b>7</b>	<b>6</b>	<b>7 5th</b>
<b>4th Flight</b>				
<b>49 Brown            Eddie</b>	<b>57</b>	<b>5</b>	<b>4</b>	<b>4 1st</b>
<b>50 Schierling        Eldon</b>	<b>55</b>	<b>5</b>	<b>5</b>	<b>5 2nd</b>
<b>51 Scheffe           Justin</b>	<b>54</b>	<b>3</b>	<b>3</b>	<b>8 3rd</b>
<b>52 Carl               Steve</b>	<b>53</b>	<b>4</b>	<b>3</b>	<b>2 4th</b>
<b>53 Brown            Mike</b>	<b>52</b>	<b>2</b>	<b>2</b>	<b>3 5th</b>

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## KGS Fishing Tourney 2018 Marion Reservoir

1st Bass-	Pat Stump	1st Catfish-	Kent Crisler
1st Derby-	Randy Teter	Big Bass-Tie-	pat Stump /Bryan Bessey
Big Catfish-	Kent Crisler	Big Crappie-	Randy Teter

15 fisherman, great weather But, the fish were tight lipped!

**Diamond Testing** provided a super lunch! BBQ ribs, smoked Jalapenos, and baked beans.



Shooting Tourney Pics Lynbrooke Sporting Clays, pages 29-31







**CHANGE SERVICE REQUESTED**

KGS BULLETIN  
 November - December 2018

## November 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7 Tech Meeting	8	9	10
11	12	13 KGS Board	14	15	16	17
18	19	20	21 KGF Board	22 Thanksgiving KGS Closed	23 KGS Closed	24
25	26	27	28 Tech Meeting	29	30	

## December 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11 KGS Board	12 Tech Meeting	13	14	15
16	17	18	19 KGF Board KGS Business Meeting	20	21 KGS Christmas Open House	22
23 30	24 KGS Closed 31	25 Christmas KGS Closed	26	27	28	29