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KANSAS GEOLOGICAL SOCIETY

BULLETIN

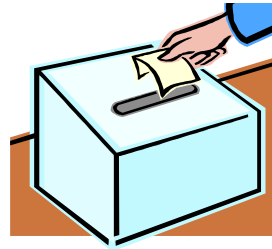
Volume 86 Number 6

November—December 2011

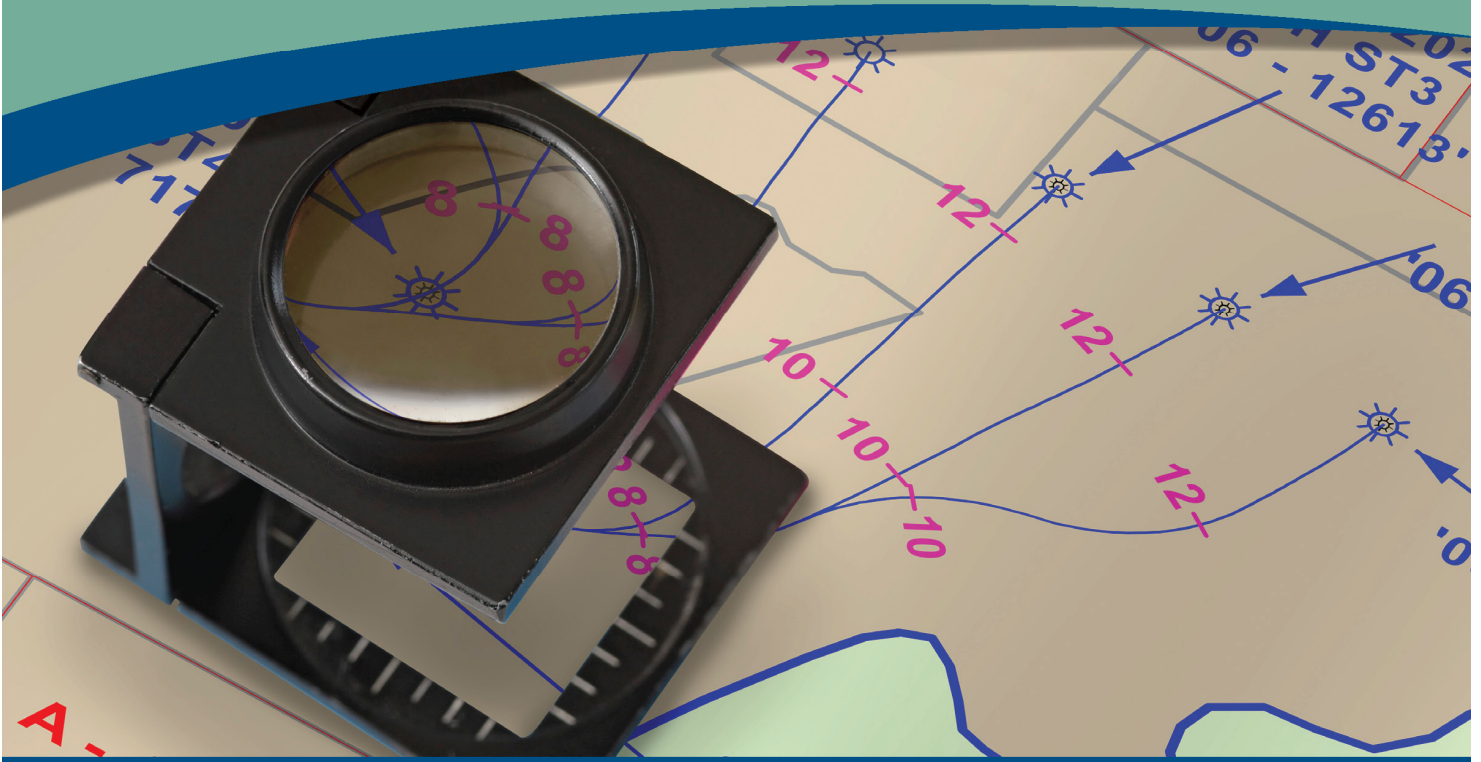
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*Memorial:
Ralph Hamilton*

**MEET THE CANDIDATES
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ON THE COVER:

Outcrops of Jurassic Gypsum Spring and Triassic Chugwater Formations, Hyattville, Wyoming

**Photo courtesy of Dr. Will Parcell, Geology Department, Wichita State University
From Field Trip To Wyoming over Fall Break. See more on page 11.**

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 Technical Editor Dr. Sal Mazzullo at salvatore.mazzullo@wichita.edu, whose mailing address is Department of Geology, Wichita State University, Wichita, Kansas 67260. 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

Fall 2011 Schedule

Nov. 1—Don Steeples— “*Earthquakes*”

Nov. 15—Steve Case—”Ukansateach”

Nov. 22—Greg Armstrong, Sr. Environmental Scientist—Geotechnical Services, Inc.— “*Wichita WRAPS Program (Watershed Restoration & Protection Strategy)*”

Dec. 6—John Mitchell, “Horizontal Drilling of Deep Granite Wash Reservoirs, Anadarko Basin Oklahoma and Texas”

Dec. 20—Mark Houpe—Weatherford, “TBA”

Spring 2012 Schedule

Jan. 17—Richard Banks— “Why Don’t the Computer Contours Honor the Data Points?”

Jan. 24—Ray Sorenson— “Natural Gas in the Pre-Drake Era”

Jan. 31—Dr. Tony Walton’s KU Class

Feb. 7—David Koger—TBA

Feb. 21—TBA

Feb. 28—David Curtiss, Executive Director of AAPG

Mar. 6—TBA

Mar. 20—Brian David—TBA

Mar. 27—TBA

Apr. 3—Ft. Hays Geology Students

Apr. 17—Charlie Smith, Halliburton—TBA

Apr. 24—Dr. Jim Puckette’s OSU class

May 15—WSU Students—Larry Richardson’s class

Location for Technical Meetings

*All KGS technical presentations are held at 12:30 p.m. at the **Wichita Bar Association**, located at **225 N. Market**, ground floor conference room, unless otherwise noted.*

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.



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2013	2012	2012

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**Bulletin committee members and PhD's in
Paleontology are prohibited from entering.**

KGS Library Holiday Schedule

- ◆ We will be closed November 24th & 25th for Thanksgiving
- ◆ We will close at noon on Friday, December 23rd
 - ◆ And be closed on Monday, December 26th
- ◆ We will be closed Monday, January 2nd

The KGS Library staff wish you all a wonderful holiday season!



President's Letter

Dear Members,

This is my last letter to the membership, and I am both happy and sad. Happy of course because my year is nearly finished and sad because my year is nearly finished.

I will say that this year has been quite easy, but with nearly \$80 oil it has been easy. The digital arm of the society has had sales hard approaching \$8000. Please keep up the spending!!!

The nominating committee has a great group of persons willing to be on the board for the next year. We have:

David Clothier and Marjorie Noel for president-elect;
Rod Andersen and Bob Bayer for Secretary/Treasurer
Tim Hellman and Leah Kasten for Member At Large

Also, they have convinced Ernie Morrison to be an Honorary Member.

Last week Larry Richardson presented his Subsurface Evaluation Class to 40 persons. There were about a dozen more that wanted to take the class but were unable. So maybe the Society can run this again. Also, in January from the 9 to the 13th, Dr. John Doveton will be teaching Well Logging and Log Analysis. There will be a sign-up sheet in the library and on line.

If anyone has an idea for additional classes please contact a board member, Bob Cowdery, or the manager.

Thanks for a successful year.

Respectfully submitted,
Douglas V. Davis



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ADVERTISER'S RATES: 2011

Full Page	B&W	Color
6 issues	\$2,000	\$2,500
3 issues	\$1,080	\$1,325
1 issue	\$480	\$525
1/2 Page		
6 issues	\$1,000	\$1,500
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1 issue	\$225	\$350
1/4 Page		
6 issues	\$600	\$900
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1 issue	\$150	\$250
1/8 Page		
6 issues	\$300	\$500
3 issues	\$175	\$325
1 issue	\$75	\$185
Professional Ad (Business Card)		
6 issues	\$90	\$180

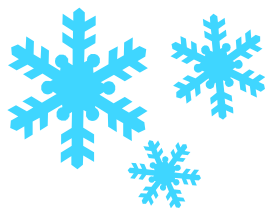
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Mark Your Calendar

The KGS Annual Banquet

Will be

Friday, January 20, 2012



From The Manager

Dear Members,

Can't believe this is the last issue of the Bulletin for 2011. Better start practicing typing 2012. We have had a very good year in the library this year. Our membership keeps increasing along with the Walters Digital Library memberships. I hope to get more of our geology students to join the Society in this upcoming year. Speaking of students, we have some photos in this issue from a fall field trip 3 WSU graduate students took to Wyoming. You really need to look at this issue on-line for the beautiful photos from the Yellowstone area!

The library invested in the color log printer this year (featured here just below my letter) and we have been printing a great deal of the plotted geo reports for our members. If you have not tried this service out yet, think about letting us handle this job for you. This printer is so fast, 7 inches per second that we are sure we can save you time and money by printing them for you. Of course it is not limited to plotted geo reports, it does a beautiful job on color logs.

We are now considering investing in a wide format (42") color scanner and printer. I would love to hear from you if you think you would use this service if we offered it. We could scan your color maps, cross-sections, etc. and print them out in color for you also. This is a bit of an investment so I am weighing the cost vs. the business we might gain from having such equipment here in the library. We would try to keep the cost to our members economical, giving you an option to get your maps, etc. printed here in the library rather than having to invest in a plotter for your office. Please let me know what you think!

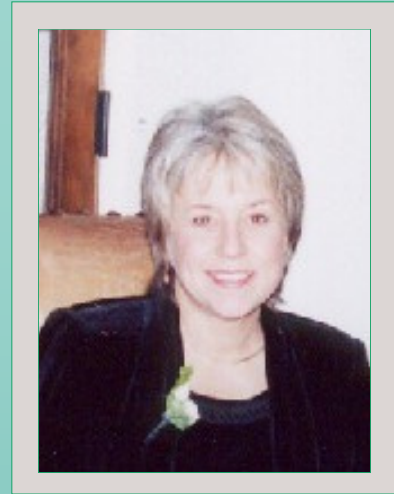
We have another great group of people running for office for 2012. Please review their bios starting on page 18. Ballots will be out probably before you get this Bulletin. **Ballots will be due back by Dec. 1st.**

I would like to take this opportunity to thank Doug Davis and the Board of Directors for their guidance and support of the Society. Also, please don't forget what a great staff we have down here at the library. Everyone working together to keep your library strong and up-to-date.

Thank you all for a great year. From myself and the staff here at the KGS, **Happy Holidays!**

Respectfully submitted,

Rebecca Radford



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WSU Fall Research Field Trip, October 2011

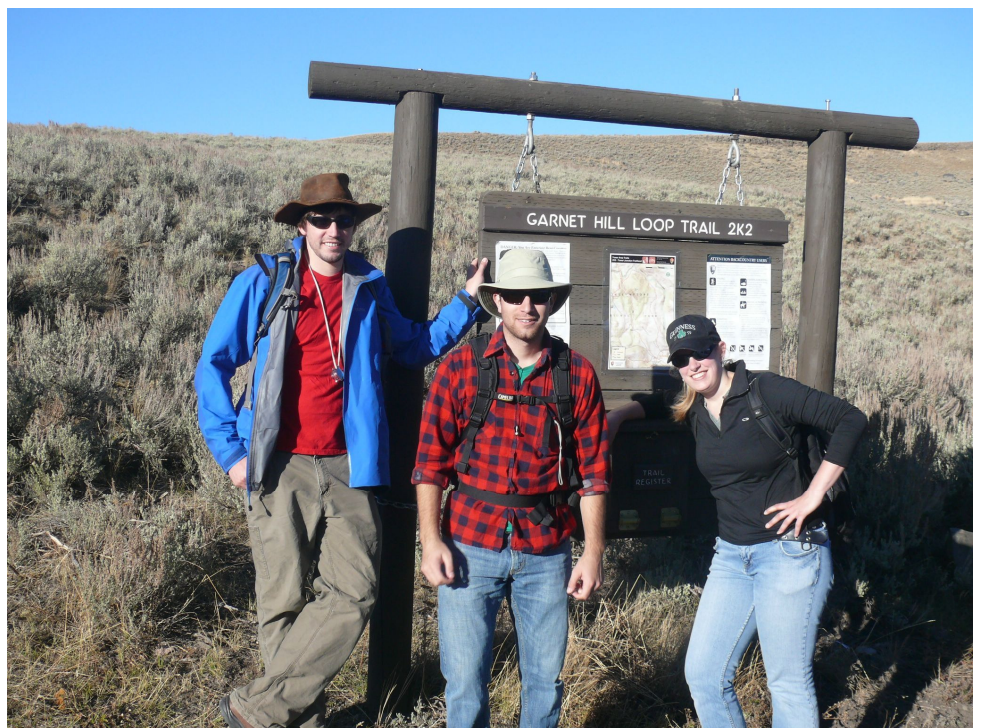
During Wichita State's 2011 fall break session, three graduate students (Kyle Day, Clark Gilbert and Victoria Sieglen) and Dr. Will Parcell traveled to the Bighorn Basin in north central Wyoming as part of a study to develop chemostratigraphic and sequence stratigraphic frameworks for Sundance Sea deposits (including Middle to Late Jurassic Gypsum Spring, Piper and Sundance Formations). These units provide a well-exposed case study of mud-rich, carbonate and evaporite deposition in epeiric, shallow marine settings. In addition to traditional outcrop section measurements, the students sampled units for later XRD and XRF analyses, and collected gamma ray readings for subsurface correlation.

After measuring sections, the four traveled for a day in Yellowstone National Park. They explored Mammoth Hot Springs, various geyser basins, and preserved lava flows. In all, the trip proved productive and fun. The October Wyoming weather cooperated and the group anticipates that the rocks will speak to them in new and exciting ways.



Grand Canyon of the Yellowstone

The students at the Garnet Hill Loop Trailhead, Yellowstone National Park. From left to right: Clark Gilbert, Kyle Day, and Victoria Sieglen



More photos on page 21

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API No.	County	Sec	Twp	Rgn	Operator	Lease Name	Well No.	Spud	Location	N/S	E/W	Spud	Completion	Depth	EF KB	EF DF	EF GL	Status
15-03-0022	COMANCHE	04	31S	16W	GULF OIL / SENCLEAR OIL / CARTER OIL	GALLUP-ROBINS	1	...	SW 31S	3300 PSL	1960 FEL	10/11/1967	5100	2004				
15-03-0051	COMANCHE	34	31S	16W	MESSEMAN-RINEHART OIL CO	SCHLETTE EST B	1	...	SE 31S	440 PSL	1320 FEL	12/05/1960	4900	2001				
15-03-0054	COMANCHE	15	31S	16W	F.K. JOHNSON	ROBINS	1	...	NW 31S SE 16W	2310 PSL	2310 FEL	12/03/1954	5005	2052				
15-03-0059	COMANCHE	23	31S	16W	BARBARA OIL CO	ROBINS UNIT	1	...	SW 31S	1320 PSL	1320 FEL	06/26/1953	4959	2037				
15-03-0060	COMANCHE	23	31S	16W	BARBARA OIL CO	ROBINS B	1	...	SW 31S	1320 PSL	1320 FEL	07/03/1953	5465	2042				
15-03-0061	COMANCHE	34	31S	16W	BARBARA OIL CO	ROBINS	1	...	SE 16W NW 31S	4200 PSL	2970 FEL	02/27/1953	4930	2006				
15-03-00113	COMANCHE	36	31S	16W	INTER-SEA SERVICE	SHAW	1	...	SW 31S	1320 PSL	1320 FEL	07/03/1953	5465	2042				
15-03-10001	COMANCHE	14	31S	16W	BARBARA OIL CO	SHAW	1	...	SE 16W NW 31S	4200 PSL	2970 FEL	02/27/1953	4930	2006				
15-03-10002	COMANCHE	38	31S	16W	BARBARA OIL CO	SHAW	1	...	SE 16W NW 31S	4200 PSL	2970 FEL	02/27/1953	4930	2006				

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Hydrostatic Mud Pressure—Initial (A) 2650#
Flow Pressure—Initial (B) 0
Bottom Hole Pressure—Initial (F) 1660#
Tool Open. — Hr. 30 Min; Shut-in-Initial — Hr. 30 Min
Chokes: Surface 5/8" Bottom open Fluid Cushion: Type:
Recovery: 100' Gas cut mud.

SURFACE DATA:
Blow: Good blow with gas to surface in 400' - 2

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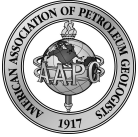
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Kansas Geological Foundation Video / DVD Collection

The KGF has an extensive collection
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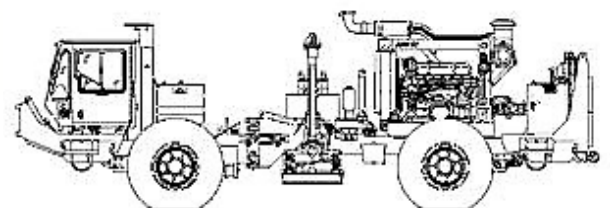
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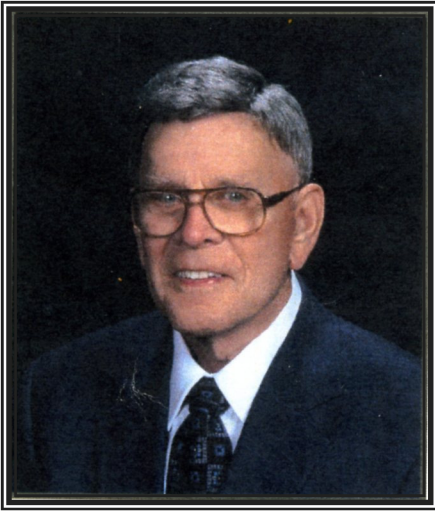
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Memorial - *Ralph Hamilton*



Ralph was born on October 2, 1930, to Ralph Sr. and Hazel Hamilton in Seminole, Oklahoma. When his father passed away unexpectedly in 1942, he and his mother moved to Wichita, Kansas, where she worked in the aircraft industry during World War II. Ralph attended Wichita East High School, where he was elected President of the senior class of 1948. In 1950, he joined the United States Naval Air Force and was stationed in Hawaii, Okinawa and Alaska during the Korean War. His service ended in 1954 in Seattle, Washington, after he had achieved the rank of Petty Officer. Ralph met the love of his life, Ann Lagaly, while he was home on leave during his military service. In 1956 he married Ann and the couple celebrated their 55th wedding anniversary this year. Ann survives him as well as his three children: David Hamilton and his wife Rhonda; Lori West and her husband Gene; and John Hamilton. Ralph also had four grandchildren as well as two great-

grandchildren. During his long career in the oil and gas business Ralph held a number of positions with various firms including Sinclair Oil, Cushing & Drumright in Oklahoma, and Mountain Iron Supply in Wichita. In 1977, he and Wayne Merchant acquired Duke Drilling Co., Inc. of which he was President until the time of his death. Ralph was a past Board member of the Petroleum Club of Wichita and was a member of the International Association of Drilling Contractors (IADC) and the Kansas Independent Oil & Gas Association (KIOGA). During his career in this business he was always willing to give a hand up and will be missed by many in this industry. Ralph passed away on September 15, 2011.



AAPG – Mid-Continent Section Meeting-Oklahoma City– October 1-4

This meeting chaired by Terry Hollrah of Oklahoma City was a great success. There were 1008 in attendance (this includes exhibitors and spouses). The exhibit hall had booths for 95 exhibitors of which 80 were commercial exhibitors and 15 were individuals and companies with prospects to sell. Attendance at an outstanding group of technical presentations was excellent.

Members of the Kansas Geological Society attending were: Brian Fisher, Ernie Morrison, Doug Davis, Kent Scribner, Rebecca Radford, Beth Isern, Joel Alberts, Hendratta Ali, Alan Banta, Bryce Bidleman, Mike Bradley, Raul Brito, Marvin Carlson, David Clothier, Alan DeGood, Verne Dow, John Hastings, Gerald Honas, Chellie Mazzullo, Dr. Sal Mazzullo, James McGhay, George Petersen, Mike Pollok, Larry Richardson, Gary Sandlin, Ray Sorenson, Dr. Lynn Watney, Wes Hansen, Brian Wilhite.

WSU Students who attended

Pictured at right: Anna Smith, Tom Dudgeon, Robert Turner, AAPG guy, Beau Morris, & Clark Gilbert. Attending but not in photo; Jan War & Toby Eck. Many WSU alumnae contributed money to help students who don't work for companies, pay for their hotels, food, and travel. Thank you to those individuals who gave to that cause. The students really appreciated it.

Wichita State at AAPG Mid-Continent

The Wichita State Geology Department had a strong showing at the AAPG Mid-Continent Meeting in Oklahoma City this year. In all, eight students attended, three of who presented research. Personally, this was my first AAPG meeting attendance, and it most certainly won't be my last! There were some excellent technical sessions, poster presentations, and opportunities to network with other students and professionals. I especially appreciated seeing many familiar faces from the Wichita petroleum community in attendance. It is so beneficial for students to have a connection with professional geologists, and witnessing those professionals' continued involvement in events such as these encourages our involvement as well.

WSU's AAPG student chapter President, Clark Gilbert, and student member, Tom Dudgeon, attended workshops focusing on facilitating the involvement of students in the petroleum industry through both academic and social events. Clark and Tom presented our student chapter's activities to other AAPG student chapters and likewise learned about the activities and involvement of fellow student chapters. One of the highlights of our student chapter presentation was the rig tour of American Energies' horizontal well, the Slocombe-Rood #1-19, in Unger Field. It is not easy to acquire permission for a group of students to visit a horizontal well, much less receiving a guided tour of the site- so we would like to extend a special thanks to American Energies and the Kansas Geological Survey for that unique opportunity!

As mentioned above, three of our students, Beau Morris, Robert Turner, and Kevin Bunger, presented their thesis research at AAPG Mid-Continent this year. All three worked under the direction of Professor Dr. Mazzullo, who also presented his Mississippian work with WSU alumnus Brian Wilhite in both poster sessions and technical talks. Beau, Robert, and Kevin's posters were very popular and received many visits from both students and professionals interested in their research. Additionally, Dr. Mazzullo and Brian Wilhite's individual technical talks were arguably the most well attended lectures of the conference. The student body is very proud of the significant contribution of the WSU Geology Department at the AAPG meeting, and congratulates its students and professors on their success.

Finally, the students would like to express their appreciation to the petroleum community in Wichita. Your generous donations covered nearly all of our trip expenses (gas money, hotel bills... and perhaps a few drinks). We truly count your donations as encouragement to further our education and become more involved with you, your companies, and the community. So again, thank you for your support!

Sincerely,



Anna Smith, President
Wichita State Geology Club



Kansas Geological Society Board Minutes

Kansas Geological Society Board Minutes Condensed version for Bulletin

September 13, 2011 Mr. Doug Davis called the meeting to order at 11:37 a.m.

FINANCIAL REPORT/MANAGERS REPORT

- A. **Treasurer's Report**- Mrs. Noel presented us with the Treasurer's report for August 2011. The earliest a CD will be maturing is December 22, 2011 at Kanza State Bank. *Mr. Dean moved to accept the Treasurer's report as presented. Mr. Saenger seconded the motion and the motion passed unanimously.*
- B. **Manager's Report**- Mrs. Radford presented the Manager's Report for August 2011. Monthly income was \$72,765.04 and expenses were \$56,639.75, making the profit \$16,125.29 for the month. Mrs. Radford noted that there is \$14,030.09 in Accounts Receivable that is over 120 days due and about \$12,000 of that amount is from one person. Mrs. Radford presented graphs of WDL monthly activity from January 2010 to September 13, 2011, which showed an increase from 2010 to 2011 in Previews, Digital Downloads and Revenue from the downloads..

OLD BUSINESS

- A. **Continuing Education** - Larry Richardson will present a 2 day KGS Reservoir Analysis Workshop on about October 20th.
- B. **Continuing Education** - John Doveton, with the Kansas Geological Survey, will teach an Electrical Logging course. The course will be held at WSU for one week in January, before spring classes begin.

NEW BUSINESS

- A. **KGS Financial Statements Audit** - Joe Walsh, with Nord & Walsh, P.A., presented their Independent Auditors' Report for the Society's balance sheets as of December 31, 20010 and 2009. Mr. Walsh stated the Society is in good financial condition and noted a \$60,000 increase in cash flow from 2009 to 2010.
- B. **WDL Committee** - Mrs. Noel reported the committee has set pricing for items purchased from the website from non KGS or WDL members.
- C. **KGS Nominating Committee** - Mr. Saenger will head the committee for the selection of nominees for the Board Officers and Director at Large.

Respectfully submitted, Robert Milford, Secretary

Kansas Geological Society Board Minutes Condensed version for Bulletin

October 11, 2011 Mr. Doug Davis called the meeting to order at 11:35 a.m.

FINANCIAL REPORT/MANAGERS REPORT

- A. **Treasurer's Report**- Mrs. Noel presented us with the Treasurer's report for September 2011. The earliest a CD will be maturing is December 22, 2011 at Kanza State Bank. *Mr. Scribner moved to accept the Treasurer's report as presented. Mr. Dean seconded the motion and the motion passed unanimously.*
- B. **Manager's Report**- Mrs. Radford presented the Manager's Report for September 2011. Monthly income was \$65,715.98 and expenses were \$73,997.63, making for a loss of \$8,281.65 for the month. Mrs. Radford noted the loss was primarily due from the quarterly payment of \$12,704.25 to the KGSurvey for the WDL maintenance and \$9,650 for the Nord & Walsh annual audit that were paid in the month. Mrs. Radford also noted that for the first time, WDL download sales exceeded \$7,000 for a month. The September report indicates there are 728 Society members, 270 Library members and 206 WDL members.

OLD BUSINESS

- A. **AAPG Mid-Continent Meeting Report** - Mr. Davis stated the program in OKC was very good, well attended, and profitable. He noted the Mississippian presentations were full of people and well received. KGS members who are serving as Officers for the AAPG Mid-Continent Section are Ernie Morrison as president for the Fall 2011-Fall 2013 term and Doug Davis as Treasurer for the Fall 2011-Fall 2013 term.
- B. **New Scanner/Printer for the Library** - The Library has been looking to replace its old scanner and possibly obtain a wide format printer. Rebecca Radford is researching and considering options for a 42" plotter and 42" wide color scanner.
- C. **KGS Nominating Committee** - Mr. Saenger has submitted a letter of nominees for the Board Officers and Director at Large.

NEW BUSINESS

- A. **KGS 2012 Budget Committee** - Rebecca Radford, Marjorie Noel and Rocky Milford will serve on the committee and develop a budget for the 2012 fiscal year. Mrs. Radford handed out a preliminary 2012 Budget for review. The budget will need to be voted on in the November Board meeting.
- B. **Holiday Schedule for the Library** - The upcoming Christmas and New Years Day holidays are on Sundays. The Library normally gives these holidays, and from noon on Christmas Eve, off to its employees. After discussion, Board members recommended to close the Library on the Monday following the Christmas and New Years Day holidays and to also close at noon on the Friday before Christmas.
- C. **KGS AAPG Delegates have been reduced** - The AAPG has reduced the KGS from three delegates to two delegates. The KGS currently has 170 AAPG members (Active, Emeritus and Honorary) and needs to have 175 members in order to retain the three delegates.
- D. **KGS 2011 Honorary Member** - The KGS Nominating Committee recommended Ernie Morrison for Honorary Membership. *Mr. Saenger nominated Ernie Morrison for Honorary membership. Mrs. Noel seconded the motion and the motion passed unanimously.*

Respectfully submitted, Robert Milford, Secretary

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www.kgslibrary.com

The screenshot shows a web browser window with the URL <http://www.kgslibrary.com/index.cfm>. The browser's address bar and tabs are visible. The website header features the Kansas Geological Society logo on the left, the text "Kansas Geological Society & Library" in the center, and a "Sign in to Robert F. Walters Digital Geological Library" section on the right with input fields for "User Name" (containing "guest") and "Password" (containing "guest"), and a "Sign In" button. Below the header is a navigation menu with links: Home, About, Officers, Bulletins, Events, Tech Talks, KCC Boxes & Logs, Membership, Links, and Contact. A sidebar on the left contains links for "Kansas Geological Foundation" and "Affiliate Society of American Association of Petroleum Geologists". The main content area is titled "Library" and contains the text: "The Kansas Geological Society Library has the most complete collection of oil and gas well data for the State of Kansas and surrounding areas. Donated by industry since 1923." To the right of this text is a box with the text: "Robert F. Walters Digital Geological Library Version 1.1" and "Stitched TIFF images are now legible in Petra", accompanied by a logo of a wellbore.

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Watch our web page for the registration info also.

www.kgslibrary.com

Vice President 2012—President 2013



Marjorie Crane—Noel

Education:

B.S., Geology, Wichita State University, 2002
M.S., Earth, Environmental and Physical Sciences,
Wichita State University, 2007

Professional Experience:

Geologist- Woolsey Operating Co., 2007-present
Lecturer- Dept. of Geology, WSU, 2008-2011
Geotech- Woolsey Operating Co., 2002-2007
Library Assistant, Kansas Geological Society & Library,
2002-2004
Geotech- Palomino Petroleum, 2001-2002

Professional Affiliations:

Kansas Geological Society, 2001-current
AAPG, 2000-current

KGS Board and Committees:

Treasurer- 2011
Secretary- 2010
Walters Digital Library- Chairperson- 2011-current
WDL Committee- 2009-current
Fall Picnic- Chairperson- 2008-current
Picnic Committee- 2004-current
Annual Banquet- Chairperson- 2003

Other Committees and/or Boards:

WSU Geo Advisory Board, Vice-President- 2008-2010
Board Member- 2007-2008



Dave Clothier

Education:

B.S. Geology , Kansas University, 1980

Professional Experience:

Geological Manager , McCoy Petroleum, 2007-Present
Senior Geologist, McCoy Petroleum, 2004-2006
Consulting Geologist, 1998-2004
Staff Geologist, McCoy Petroleum, 1993-1998
Consulting Geologist, 1983-1993
Staff Geologist, Texas Oil & Gas, Wichita, 1980-1983

Professional Affiliations:

Kansas Geological Society
Oklahoma Geological Society
AAPG
KIOGA

KGS Board and Committees:

Banquet Chairman
Board Secretary 2009
Board Treasurer 2010

Secretary 2012—Treasurer 2013



Bob Bayer



Rod Andersen

Education:

B.S. Agricultural Economics, 1980, Kansas State University
B. S. Geology, 1985, Wichita State University
Graduate Studies: Environmental Engineering, KU

Professional Experience:

Petroleum Geologist, Lario Oil & Gas Co., 2007-Present
Bayer Geological Consulting, 2005-2006
Environmental Geologist, Geotechnical Services, 2003-2005
Terracon, 1990-96 & 1997-98
Great Guns, 1985-1986
Production Geologist, Murfin Drilling Company, 1984-1985

Professional Affiliations:

Kansas Geological Society
AAPG
KS Licensed Geologist #607

KGS Board and Committees:

Banquet Chair 2010, 2011

Education:

B.S. Geology, Wichita State University
M.S. Geology, Wichita State University

Professional Experience:

Geological Consulting, 1982-Present
Vice President Petro-Dynamics, 1981-1982
Exploration Mgr., Kansas, Kennedy & Mitchell, 1979-81
Chief Geologist, Mid-Continent Energy, 1978-1979
Geologist, Texas Oil & Gas Corp., 1977-1978
Geologist, Cities Service Oil Co., 1974-1977

Professional Affiliations:

Kansas Geological Society
Licensed Kansas Geologist #480

KGS Board and Committees:

Field Trip Committee

Director At Large 2012 & 2013



Leah Kasten

Education:

M.S. Earth, Environment and Physical Sciences, Wichita State University, 2008
Secondary Science Teaching Certification, Wichita State University, 1994
B.S. Geology, Wichita State University, 1982

Professional Experience:

CMX, Inc. 2010 – Current
USD 259, Secondary Science, 1994-2010
Consulting Geologist 1992-1993
Ritchie Exploration, Inc. 1982-1992
Gear Petroleum 1981-1982

Professional Affiliations:

AAPG
Kansas Geological Society

KGS Board and Committees:

Speakers Bureau, 1992-1994



Photo: AJ

Timothy Hellman

Education

B.A. Geology, 1980 Wichita State University

Post Graduate Classes:

Exploration Methods for Sandstone Reservoirs, Oil & Gas Consultants International, Inc.
Exploration for Carbonate Reservoirs, Oil & Gas Consultants International, Inc.

Professional Experience

Lotus Exploration Company and Lotus Operating Company, LLC , 1997 to present
Raymond Oil Co. Inc., Wichita, Kansas. 1976-1997
Exploration Manager from 1980 to 1997
Staff geologist 1976-1980

Professional Affiliations:

AAPG – Member, 1978 - present
AAPG-Division of Professional Affairs, 1988-present

KGS Board and Committees:

Board of Directors: 1991-1992
Kansas Geological Foundation – Charter member
Kansas Geological Foundation Director- 2006-09



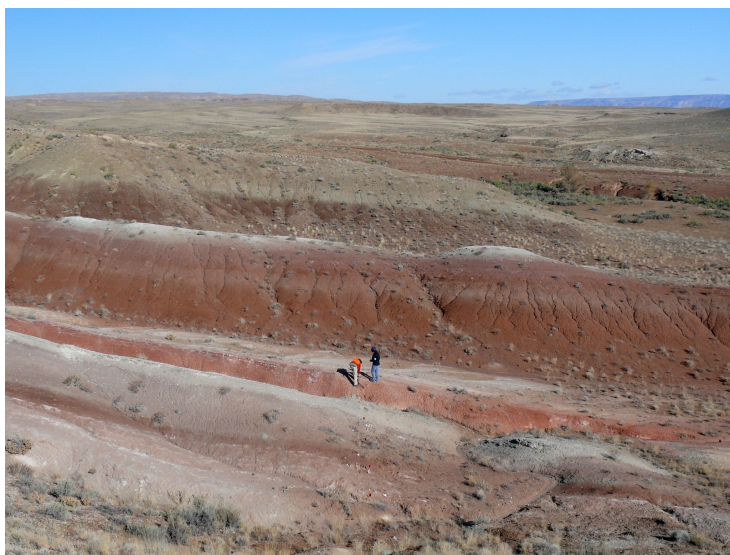
Hot Springs at Mammoth, Wyoming



Group photo at Mammoth Hot Springs; Kyle Day, Clark Gilbert & Victoria Sieglen



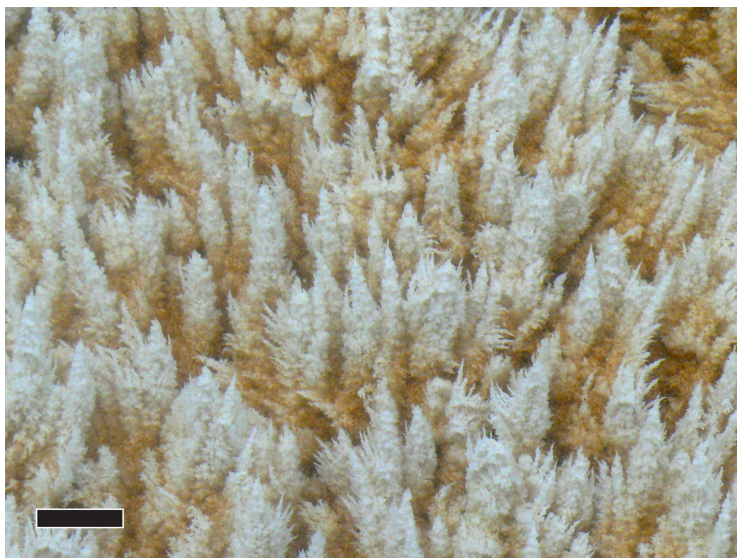
On top of Bighorn National Forest, Wyoming
Victoria Sieglen, Kyle Day, Clark Gilbert



Measuring the Gypsum Spring Formation (red shales & white limestones) and Sundance Formation (green shales) at Sheep Mountain, Greybull, Wyoming



Clark Gilbert & Victoria Sieglen describing redbeds in the Gypsum Spring Formation at Sheep Mountain, Greybull, WY.



No, it's not a snowy pine forest! It's calcium carbonate crystals forming in hot spring pools at Mammoth, Wyoming. Scale bar is ~ 1 cm.

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Paul Gunzelman
 President/Geologist

Wichita, Kansas 316.634.6026
 email p.gun@sbcglobal.net



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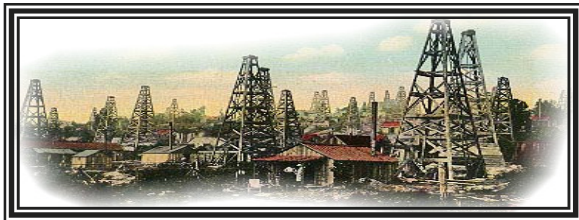
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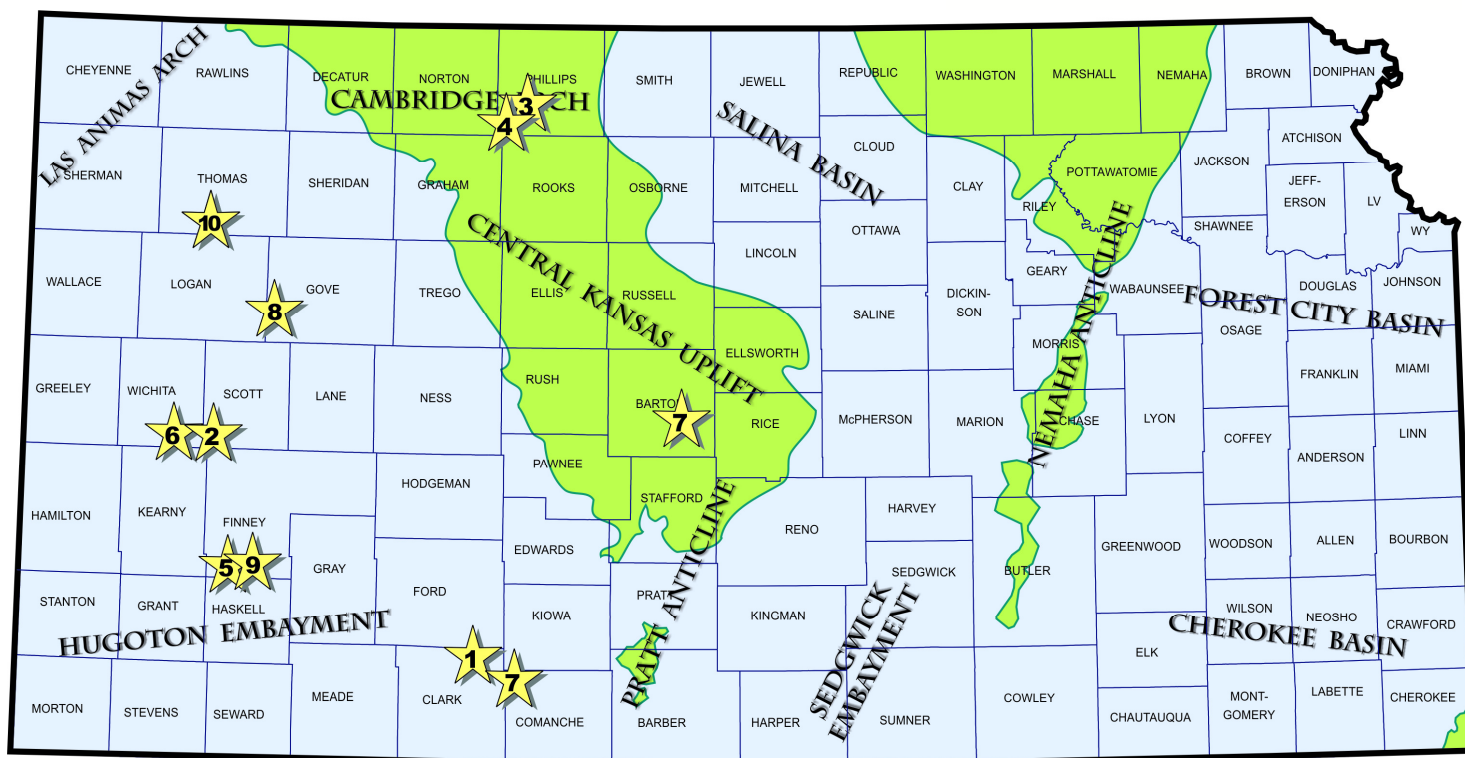
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Exploration Highlights

By John H. Morrison, III
Independent Oil & Gas Service



(1) Falcon Exploration, Inc., Wichita (KS), has recovered nearly 23,000 barrels of oil over the past eleven months at their No. 1-18 Swayze A, spotted in approximately SE NE SW in section 18- T30s- R22W, Clark county, according to State production records. The wildcat pool opener is averaging over 70 barrels of oil per day with production zone(s) unknown. The well was drilled to a total depth of 6,660 ft., about three-quarters miles east of the Pyle Ranch field, which has produced oil from the Marmaton and Mississippian formations. The new field has been named Swayze Southwest.

(2) Comanche Resources Company, Oklahoma City (OK), has discovered new Marmaton oil reserves on the Eder lease in Scott county. The No. 6-1 Eder, located in approximately NW NE SE of section 6- T20s- R34W, establishes a new Lehman South oil field about fourteen miles southwest of Scott City, Kansas. The well was drilled to a total depth of 5,023 ft. by Murfin Drilling tools. Production depth remains confidential. Site lies over one and one-half miles west of the Whitesand Creek field which also produces Marmaton oil from between 4470 to 4,552 ft. in depth.

(3) John O. Farmer, Inc., Russell (KS), has established two new oil fields in Phillips County. Oil deposits were discovered in the Lansing-Kansas City formation at the No. 1 Bredemeier B, located in approximately NE NW SE in section 13- T4s- R19W. The well was drilled to a total depth of 3,575 feet at site located over one mile southwest of established production in the Mont-Sol South field, about five miles southwest of the town of Phillipsburg. The new discovery opens the Mont Sol Southwest field.

(4) In addition, John O. Farmer's States Unit No. 1, located in approximately NW SW SE in section 4- T5s- R20W, about one mile south of Logan, Kansas, was completed in August for an undisclosed potential. Discovery Drilling tools were used to drill the well to a total depth of 3,549 ft. Commercial quantities of crude were found in the Lansing-Kansas City zones. Well site is situated around three-quarters mile west of existing wells in the Logan oil field. The new field has been named Logan West.

(5) OXY USA, Houston (TX), is producing an undisclosed amount of oil from the Morrow formation at their Strackeljohn A-1, located in approximately NW SW SE in section 23- T26s- R33W, in Finney County. The wildcat well opens the new Beyer Southwest field one mile southwest of recognized production in the Beyer field (Lansing-Kansas City oil) and is nearly one and one-half miles northwest of Atoka and Morrow production in the Kisner North field. Total depth is 5,403 ft. Discovery site lies about twelve miles south of Garden City, Kansas.

(6) Raymond Oil Company, Inc., Wichita (KS), has discovered Marmaton oil deposits in Wichita County at the Holstein No. 1, spotted is approximately NE SW NW in section 12- T20s- R36W. The wildcat well found new oil reserves three-quarters mile northwest of the three-well Sand Creek Draw field, where the Lansing-Kansas City and Marmaton formations both produce oil. The Holstein pool opener is located eleven miles southeast of Leoti, Kansas. Rotary total depth is 5,183 ft.

(7) Sandridge Exploration & Production LLC, Oklahoma City (KS), has initial production of approximately 330 barrels of oil per day at their #1-25H Kerstetter - a horizontal well completion drilled in the C S/2 SW SW of section 25- T31s- R20W, in

Comanche County. Seven inch casing was set at 5,483 ft. (TVD) and 4-1/2 inch production liner was run to 9,999 ft. (TMD) in the Mississippian formation. The well was put on pump in June. The well is within the Pipeline Northwest oil and gas field that has produced from the Mississippian since 2001. Wellsite is located about six miles northwest of Coldwater, Kansas.

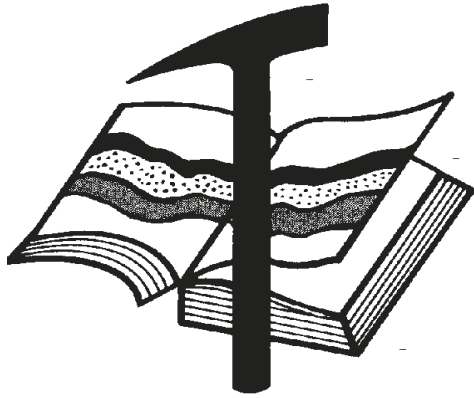
(8) Pioneer Resources, Phillipsburg (KS), completed the No. 2 Railroad for 150 barrels of oil per day, no water, in January this year. The well opened the Maurice East field in Gove county, about eighteen miles southwest of Gove, Kansas. Spotted in approximately SE NW SE of section 7- T14s- R31W, the wildcat well found two productive zones in the Lansing-Kansas City from 3,928 to 4,069 ft. overall and in the Cherokee (Johnson Zone) from 4,464 to 4,512 ft. overall. The well has produced nearly 9,000 barrels of crude during the first four months, averaging about 75 barrels of oil daily.

(9) BEREXCO, Inc., Wichita (KS), is producing oil at an undisclosed rate from the Marmaton formation at the Stone No. 1-19 - a 5,314 ft. -deep wildcat well in Finney county, southwest Kansas. The well discovered oil deposits nearly one mile southwest of established Marmaton and Morrow production in the Ivanhoe field. Well site is located in approximately E/2 E/2 NE of section 19- T26s- R33W, about thirteen and one half miles south of Holcomb, Kansas. The field has been named Ivanhoe Southwest.

(10) Russell Oil, Inc., Edmond (OK), has established the Anderson field in southern Thomas county, near the Gove county line. Operator discovered oil deposits in the Cherokee (Johnson Zone) formation at the No. 1-31 Anderson, spotted in approximately NW NE SW in section 31- T10s- R34W. Production volume has not been released. The well was drilled to a total depth of 4,979 ft. The new field is located about eight miles northwest of Monument, Kansas.



Kyle Day (left) and Clark Gilbert (right) collecting shale samples in the Gypsum Spring Formation at Sheep Mountain, Greybull, Wyoming.
WSU Geology Field Trip, Fall Break 2011



Kansas Geological Foundation

Web Site: www.kgfoundation.org

**212 North Market
Wichita, Kansas 67202**

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

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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.

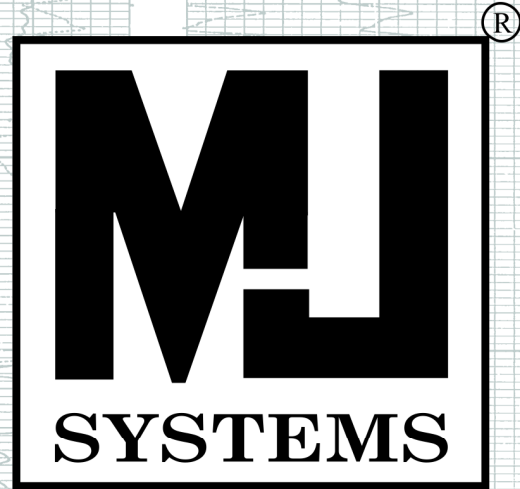
KGF can receive in-kind donations through which the donor may receive a tax deduction. Of equal importance, the KGF provides the financial resources to sort, process and file this data at the KGS library. If you have a donation to make, please contact the KGF at 265-8676.

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:

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Raymond Oil Company
Larry Richardson
Ricketts Testing
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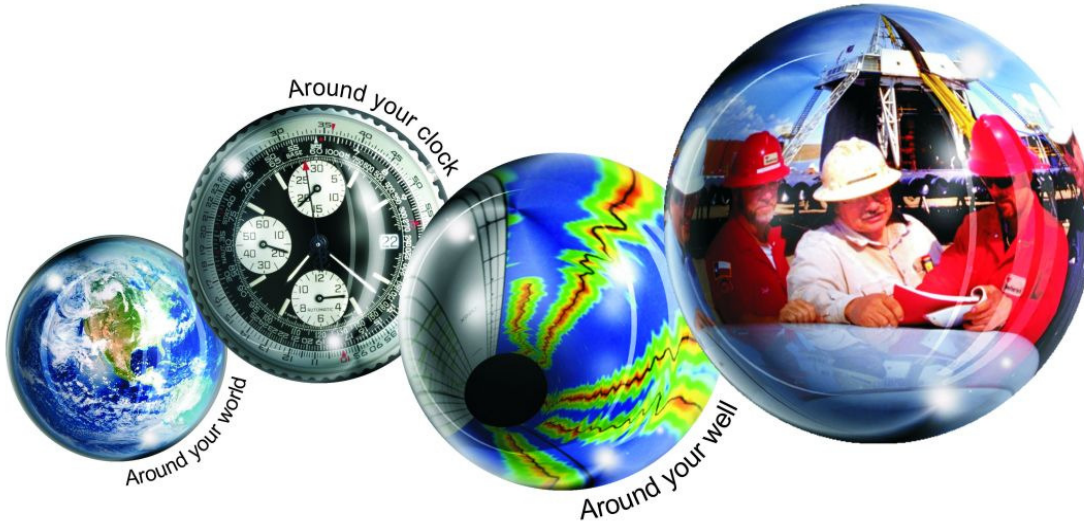
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Kansas Geological Foundation Memorials

KGS Member	Date Deceased	Memorial Established	KGS Member	Date Deceased	Memorial Established
Dan Bowles	09/89	1990	Robert L. Slamal	02/01	2001
John Brewer	10/89	1990	Jerold E. Jespersion	06/01	2001
George Bruce	08/89	1990	William A. Sladek	06/01	2001
Robert Gebhart	01/90	1990	Harlan B. Dixon	06/01	2001
Ray Anderson, Jr.	11/90	1990	Edward B. Donnelly	08/01	2001
Harold McNeil	03/91	1991	Richard P. Nixon	02/02	2002
Millard W. Smith	08/91	1991	Robert W. Frensley	12/01	2002
Clinton Engstrand	09/91	1991	Gerald W. Zorger	01/02	2002
M.F. "Ted" Bear	10/91	1991	Don L. Calvin	03/02	2002
James & Kathryn Gould	11/91	1991	Claud Sheats	02/02	2002
E. Gail Carpenter	06/91	1993	Merle Britting	2002	2002
Benton Brooks	09/92	1992	Harold Trapp	11/02	2002
Robert C. Armstrong	01/93	1993	Donald M. Brown	11/02	2003
Nancy Lorenz	02/93	1993	Elwyn Nagel	03/03	2003
Norman R. Stewart	07/93	1993	Robert Noll	09/03	2003
Robert W. Watchous	12/93	1993	Benny Singleton	09/03	2003
J. George Klein	07/94	1994	Jay Dirks	2003	2003
Harold C.J. Terhune	01/95	1995	J. Mark Richardson	02/04	2004
Carl Todd	01/95	1995	John "Jack" Barwick	02/01	2004
Don R. Pate	03/95	1995	Richard Roby	03/04	2004
R. James Gear	05/95	1995	Ruth Bell Steinberg	2004	2004
Vernon Hess	06/95	1995	Gordon Keen	03/04	2004
E. K. Edmiston	06/95	1995	Lloyd Tarrant	05/04	2004
Jack Rine	07/95	1995	Robert J. "Rob" Dietterich	08/96	2004
Lee Cornell	08/95	1995	Mervyn Mace	12/04	2004
John Graves	10/95	1995	Donald Hoy Smith	04/05	2005
Wilson Rains	10/95	1995	Richard M. Foley	06/05	2005
Heber Beardmore, Jr.	09/96	1996	Wayne Brinegar	06/05	2005
Elmer "Lucky" Opfer	12/96	1996	Charles B. Moore	09/96	2005
Raymond M. Goodin	01/97	1997	Jack Heathman	05/06	2006
Donald F. Moore	10/92	1997	Charles Kaiser	09/06	2006
Gerald J. Kathol	03/97	1997	Rod Sweetman	08/06	2006
James D. Davies	08/88	1997	Karl Becker	10/06	2006
R. Kenneth Smith	04/97	1997	Frank Hamlin	10/06	2006
Robert L. Dilts	05/97	1997	Marvin Douglas	12/06	2006
Delmer L. Powers	06/72	1997	Robert W. Hammond	04/07	2007
Gene Falkowski	11/97	1997	Eldon Frazey	04/07	2007
Arthur (Bill) Jacques	01/98	1998	Pete Amstutz	05/07	2007
Bus Woods	01/98	1998	Charles Spradlin	05/07	2007
Frank M. Brooks	03/98	1998	Donald R. "Bob" Douglass	09/07	2007
Robert F. Walters	04/98	1998	Vincent Hiebsch	11/07	2007
Stephen Powell	04/98	1998	Glen C. Thrasher	03/08	2008
Deane Jirrels	05/98	1998	Peg Walters	06/08	2008
William G. Iversen	07/98	1998	Theodore "Ted" Sandberg	07/08	2008
Ann E. Watchous	08/98	1998	James Ralstin	11/08	2008
W.R. "Bill" Murfin	09/98	1998	Earl Brandt	04/09	2009
Donald L. Hellar	11/98	1998	Walter DeLozier	05/09	2009
Joseph E. Rakaskas	01/99	1999	Donald D. Strong	01/10	2010
Charles W. Steincamp	02/99	1999	John Stone	02/10	2010
Robert and Betty Glover	10/96	1998	Craig Caulk	03/10	2010
Howard E. Schwerdtfeger	11/98	1999	Joseph E. Moreland, Jr.	03/10	2010
W. W. "Brick" Wakefield	03/99	1999	Gene Garmon	03/10	2010
V. Richard Hoover	01/00	2000	James F. Dilts	05/10	2010
Warren E. Tomlinson	01/00	2000	Jerry Pike	05/10	2010
James A. Morris	01/00	2000	Donald Hollar	06/10	2010
Eric H. Jager	03/00	2000	Delbert Costa	08/10	2010
Kenneth W. Johnson	03/00	2000	John Tanner	08/10	2010
Dean C. Schaake	03/00	2000	William (Bill) Owen	09/10	2010
Fred S. Lillibridge	05/00	2000	Harold (Hal) Brown	10/10	2010
Jerry A. Langrehr	07/00	2000	Edmund G. Lorenz	11/10	2010
Clark A. Roach	07/00	2000	Thomas E. Black	05/11	2011
Floyd W. "Bud" Mallonee	10/00	2000	Wayne E. Walcher	07/11	2011
Ralph W. Ruuwe	09/00	2000	Henry F. Filson	07/11	2011
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 November—December 2011

November 2011

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