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KANSAS GEOLOGICAL SOCIETY

BULLETIN

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January - February 2023

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Mauna Loa Eruption December 2022



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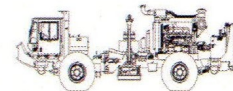
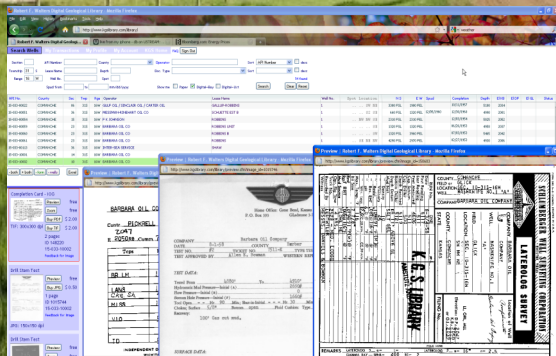
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ON THE COVER:

**Pics of the Mauna Loa Eruption
On Hawaii (Big Island)
December 2022**

Pics by Nathan Whitaker

The Kansas Geological Society Bulletin, which is published bimonthly in 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 length of papers is 6 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 or mailed to 1704 S. Baehr, Wichita, KS 67209. 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

All Technical Meetings will be on Zoom

January 11, 2023	Dr. Cheryl Seeger, MGS - <i>"Taum Sauk Dam Failure"</i>
January 25, 2023	Dr. Franek Hasiuk, KGD - <i>"Stratigraphic Tops: Reconciling a Century of Stratigraphic Names with Modern Stratigraphic Methods and Understanding"</i>
February 8, 2023	Dr. Behzad Ghanbarian, KSU - <i>"Hydraulic Fracturing: Treatment Effect on Permeability Evolution in Shales"</i> Live at Petroleum Club
February 22, 2023	Dr. Lee Krystinik, <i>"Sane, Sensible, No-regrets Options for Energy in a Climate-crazy World"</i>
March 8, 2023	Dr. Landon Burgener, Brigham Young Univ. <i>"Cretaceous Climates"</i>
March 22, 2023	Dr. Thomas Benson, VP Lithium Americus Corp. - <i>"The Origin of the Thacker Pass Lithium Deposit, the Largest Known in the US"</i>

Note: For those geologists who need 30 professional development hours (pdh) to renew their licenses, there will be a sign-in sheet at each presentation and also a certificate of attendance.

Please remember to check the website for the most up to date information on Technical Talks

<http://www.kgslibrary.com/techtalks.cfm>



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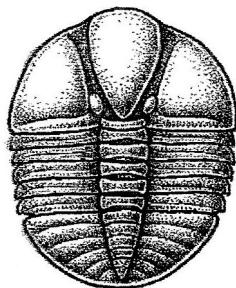
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Kansas Geological Society (KGS) Medallion for Scientific Distinction and Excellence

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.

KGS President's Letter

Members of the Kansas Geological Society,

I am incredibly honored to be the President of the Kansas Geological Society as we celebrate our 100th anniversary. This society and library have played an enormous role in the success of the oil and gas industry in Kansas over the past century. As of the end of 2018, the Kansas Geological Survey estimated that Kansas had produced over 6.7 billion barrels of oil and 41.2 trillion cubic feet of natural gas. Kansas has also been a major supplier of helium over the last century, even being the largest producer at one point in the 1960's. These products have changed the fortune of many Kansans from land owners and geologists to service companies and local businesses. We are incredibly lucky to live in a country where individuals can own oil and gas rights and where there are individuals willing to risk their own capital to find the next reserves.



We have a long past that we can be proud of, and I believe a long and prosperous future. The 2021, 2022, and 2023 boards have taken the modernization of our society very seriously so as to secure a place in the future for our wonderful organization. Last year our focus was driving down expenses to help close the gap between operating costs and income. The board and staff did an excellent job and through various efforts have reduced annual costs by \$70,000+/yr. This year the focus is going to shift towards raising income. Over the next few months some of the things you should expect to see are the roll out of our new subscription-based business model and updated pricing of items in the WDL. In advance, I appreciate your patience with the board and the staff as we continue this monumental effort to give this old society and business a place in the future.

The Annual Banquet will be held on Friday February 3rd, 2023 at the Petroleum Club. We will be starting with the happy hour at 5:30. The cost is \$40/person and reservations can be made by calling 316-265-8676. At the banquet we will unveiling the 100th anniversary merchandise that you can order. If you are unable to make the banquet, the merchandise will be out at the KGS Library along with order forms. We will be placing two orders during the year, dates to come soon. I hope to see you all at the banquet!

PRESTON DOLL – GEOLOGIST

AAPG IMAGE and Section Meetings

NAPE 2023 February 1, 2023 Houston, TX

Southwest Section Meeting May 6, 2023

Wichita Falls, TX

URTeC 2023 June 13, 2023 Denver, CO

IMAGE August 27, 2023 Houston, TX

Mid-Continent Section Meeting October 7, 2023

Oklahoma City, OK

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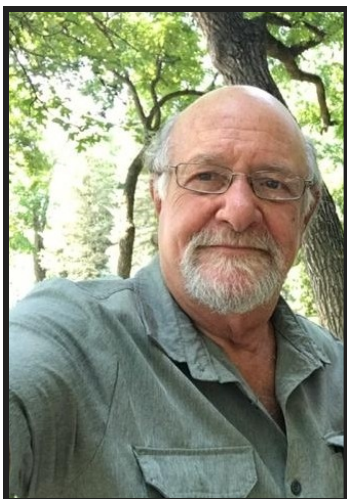
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KGS

Annual Banquet

**Friday, February 3rd, 2023
at the Wichita Petroleum Club**

5:30 pm - 7:00 pm....Happy Hr.

7:00 - 8:00 pm.....Dinner

8:00 - 9:00 pm

Installation of New Officers & Directors

Presentation of Awards

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Memorial

Alfred James III

September 12, 1929 – December 11, 2022

Alfred “Fred” James was born September 12, 1929, in Milwaukee, Wisconsin-Madison with a degree in Geology. While at college, he developed his love for music and a talent for playing the trumpet. Without a doubt, Fred’s four sons credit love of music and their musicianship directly to their father. In addition to that influence, all of his children feel that he encouraged and inspired them to pursue their goals and aspirations in life.

After college, Fred served in the US Army, then settled with his wife, Elizabeth, in Wichita to embark on a career as a petroleum geologist. He always considered Bill Bartlett and Dr. Robert Walters to be mentors and instrumental in his success.

Throughout his life he was a fierce mental health advocate.

He had a lifelong love of the outdoors, especially in Colorado and Alaska.

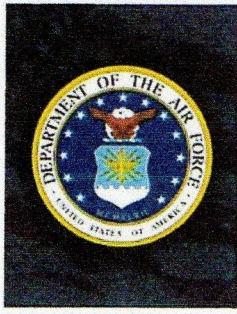
Fred was preceded in death by his wife of sixty-five years, Elizabeth Fitzgibbon James; brother, David F. James; and parents, Charles and Grace James. He is survived by his brothers, Charles and Douglas; and his children and their spouses, Fred and Mary-Ann, Chris and Sherrie, Peter and Rebekah, David and Veronica, and Kathryn; along with six grandchildren, Charlianne, Catherine, Molly, Devis, Jonathan, and Anna; as well as three great-grandchildren, Bianca, Emilia, and Elizabeth.

A memorial Mass will be held at 10:00 am, Friday, December 16, 2022, at St. Thomas Aquinas Church, 1321 N. Stratford Lane, Wichita, Kansas 67206

In lieu of flowers, memorials have been established with: The Lord/s Diner, 520 N. Broadway, Wichita, Kansas 67214; Breakthrough Club, 1010 N. Main St. Wichita, Kansas, 67203; Guadalupe Clinic, 940 S. St. Francis St. Wichita, Kansas 67211.

Fred was a former President and Honorary Member of the Kansas Geological Society. He was a mentor to other geologists and a lifetime explorer. He will be greatly missed.

Memorial



Lawrence Harold "Larry" Skelton

July 15, 1937 - December 10, 2022

Lawrence Harold "Larry" Skelton, 85, of Wichita, Kansas died Saturday, December 10, 2022. Born July 15, 1937, in Evansville, Indiana, he was the only child of William Harold and Gail Bernice (Jones) Skelton. He attended Washington and Baker grade schools and graduated from Central High School in 1955. Larry was a graduate of Indiana University with a bachelors degree in geology and an AFROTC commission as 2nd Lieutenant. In his senior year at I.U., he was president of Beta Lambda Chapter of the phi Kappa Tau fraternity. He earned an MBA degree at Trinity University and an M.S. in geology at Wichita State University. He was integrated into the regular Air Force and served 21 years in petroleum logistics and energy management positions; retiring in the grade of lieutenant colonel. He served overseas in Greenland, the Philippines, Thailand and Viet Nam with TDY in Taiwan and Cambodia. Serving at air bases in the U.S., he was Chief of Supply/Supply Squadron Commander at the time of retirement. His military decorations include the Bronze Star Medal, Meritorious Service Medal, Joint Service Commendation Medal, Air Force Commendation Medal, Armed Forces Expeditionary Medal, Viet Nam Service Medal, Air Force Outstanding Unit Award with V device, and Vietnamese Cross of Gallantry with palm device. He was selected as the Air Force Outstanding Fuels Senior Manager in 1976.

Following military retirement in 1981, he moved to Wichita, Kansas where he was employed for 25 years by the Kansas Geological Survey, first as manager of the Wichita Well Sample Library and later as Assistant Director of Wichita Operations. He was awarded the 2001 Distinguished Service Award by Rocky Mountain Federation of Mineralogical Societies and the 2002 Public Service Award by the American Association of Petroleum Geologists. He was elected an Honorary Member of the Kansas Geological Society and as a Rockhound of the Year by the Wichita Gem and Mineral Society. Larry served as presidents of the Kansas Geological Society, the Kansas Geological Foundation, Washington Chapter Sons of the American Revolution and president and treasurer of the Kansas Academy of Science. He published more than 60 papers on geological and historical subjects and served on boards of directors of several Wichita civic organizations. Larry was a member of Albert Pike Lodge AF&AM, Sons of the American Revolution General Society of the War of 1812, Sons of Union Veterans, Military Order of the Loyal Legion of the United States, The American Legion, Society of Indiana Pioneers, First Families of Ohio, First Families of Tennessee, the Wichita Gem and Mineral Society, Friends of Mineralogy and Kansas Geological Society.

He leaves behind Mary Pearl (Fuller) Skelton, his beloved wife of 57 years; sons, Harold Lawrence Skelton (Kimberly) and John Loring Skelton (Amber), all of Wichita, KS; grandchildren, Eli T., Levi W., Luran M., Gillian N., and Jensen L. all of Wichita, KS.

Memorials

Jon Thomas Williams, Jr.

June 2, 1943-December 9, 2022

Wichita, Kansas- Jon Thomas Williams, Jr., 79, Petroleum Geologist, passed away Friday, December 9, 2022. Jon was born in Wichita, Kansas, on June 2, 1943 to Jon T. Sr. and Rogene Williams. He lived most of his school years in Lincoln, Nebraska. After attending the University of Nebraska he moved to Wichita to work as a geologist for his grandfather's oil company in 1964. He served in the Army from 1965-1967 as a combat engineer, sergeant, and demolition specialist.

Memorial Service will be held at a later time.

William C. "Bill" Hafeman March 24, 1927—April 12, 2021

William C. "Bill" Hafeman was born March 24, 1927 on the family farm 14 miles Southwest of Dorrance, Kansas, and five miles north of Beaver, Kansas.

Bill is survived by his loving wife, Jane, of 63 years; his only son, Wm. Mark Hafeman of Glendale, California. Bill was preceded in death by two brothers; Gerald and Gene; four sisters, Marjorie Dilley, Geraldine Purma, Donna Consoli and Patricia Henry and his parents Bill and Ann Hafeman..

Bill attended grade school at Forest Hill, a one-room country school with a big pot bellied coal burning stove. After grade school, he attended high school at Bunker Hill and Wilson, Kansas. He attended one year at St. Benedict's College and then entered the U.S. Merchant Marines for two years at the end of the Second World War. After returning, Bill attended St. Benedict's College and Wichita State University from which he graduated with a degree in Petroleum Geology in 1950.

Immediately after graduation, at the beginning of the Korean War, Bill enlisted in Naval flight training and was commissioned a Second Lieutenant in Marine Corp aviation. He flew prop planes, dive bombers, and jets. He flew off a naval carrier near the Korean coast at the end of the war. Bill stayed in the reserves and holds the rank of Captain.

Bill worked as geologist for Lyon Oil Company, a division of Monsanto Chemical Corp in Salt Lake City, Utah. He worked for Lyon for five years until he started a geological consulting company, Black Dahlia Oil and Gas which he still operates today. When the price of oil dipped and oil development came to halt, Bill became a Utah state licensed builder and built a number of up-scale homes. A nice fit for oil dips.

In 1958, Bill met his wife, Wayona Jane, and they spent 63 years together. Their only son, Mark, was born in 1960.

Continued on page 15

Twenty seven years go Bill and Jane moved to Sun City West, Arizona, where they became activists and played a key role in ensuring that a nearby property was developed into an up-scale development called Corte Bella—instead of the love priced home initially planned.

Later, Bill became a Director of Planning and Zoning and Governmental Affairs at PORA, a Property's Owner's and Residents Association at Sun City West. His work enabled Sun City West to navigate and escape a number of poorly advised projects that would have had a negative impact on the area.

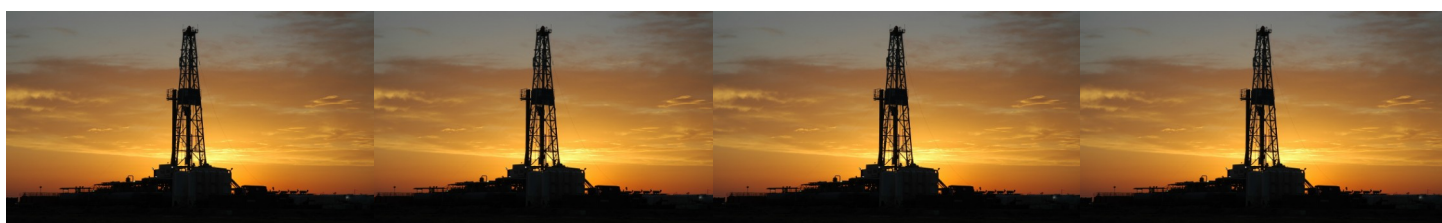
An Open Invitation to Young Geologists to Join AAPG

I would like to extend a special invitation to recent graduates and other young geological professionals to join AAPG. There are many young geologists outside the Wichita area that I have never met. They may work out of Great Bend or Hays, Kansas working with smaller oil and gas producers or working on their own as well site geologists. Kansas does have a future for the foreseeable future. The time is now to meet others from larger regional companies to forge a relationship for future employment. Young minds will be needed to replace those retiring and that other bad option.

I joined AAPG late in my career, much to my regret. I now serve voluntarily as a delegate for the Mid-Continent Section representing the Kansas Geological Society.

Respectfully yours,

Wesley D. Hansen Bulletin Editor and AAPG Delegate



In Memoriam

KGS and Industry Members Lost in 2021 and 2022

2021

Lee Banks
Richard “Dick” Smith
Timothy J. Lauer
Walter Innes Phillips
George N. Mueller
Jack W. Gabbert
Fred Stump
Larry J. Richardson
James R. Daniels
A. Scott Ritchie
James “Jim” Iniguez
William C. “Bill” Hafeman

2022

Lee Poulsen
Bill Ham
Pat Kane
William “Bill” Shepherd
Tony Kolodziej
Larry Skelton
Alfred “Fred” James
Jon T. Williams

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The KGF has several empty completion card cabinets for sale.

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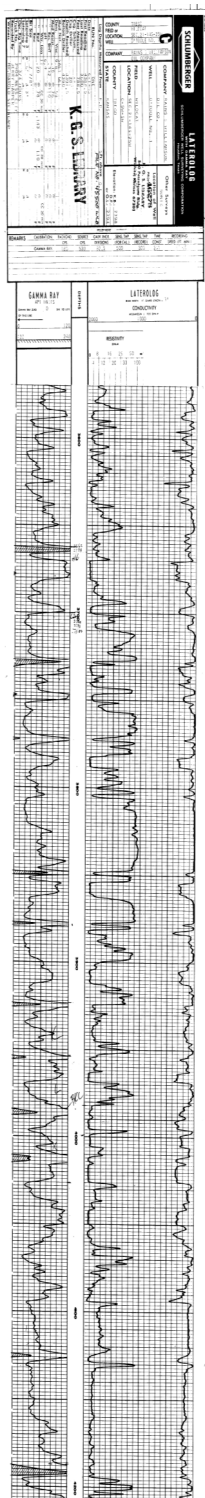
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KGS Mixers

The KGS, under the leadership of Doug Davis, will be having periodic gatherings at the Petroleum Club (and elsewhere) on a monthly basis to allow members to converse and connect or re-connect. The first such event was on June 23, 2022. About 25 members came to the event.

This first meeting was underwritten by Paragon Geophysical Services and Diamond Testing.

Paragon donated \$1000.00 and Diamond Testing (Roger Friedly) donated \$250.00. Any unused funds will be used for future gatherings. Other companies have expressed a desire to be involved.

Look for future meetings from Doug Davis in your email.

A shout out to Kansas Oil and Gas Industry

Service Companies

Oil prices are recovering nicely with WTI about \$90 per barrel and Kansas posted price about \$80 per barrel

Now is the time to resume advertising in the KGS Bulletin

Let our several hundred members know that your company is still active and ready to work.

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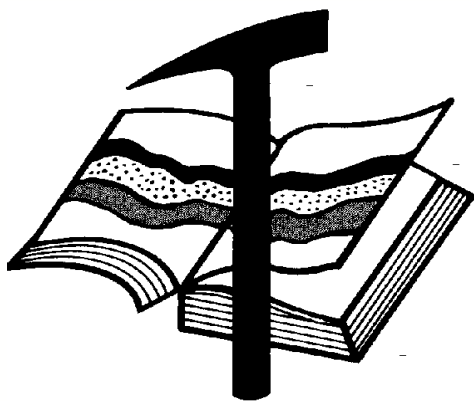
Contact Kent Scribner at 316-640-1154

KGS members please check your files

Fellow KGS members, please remember to check your files of elogs and geologist reports against the KGS paper library and the WDL before discarding them. I was contacted by John Morrison recently about a well I watched years ago that had some tops and DST info missing from his completion card. I took pics from my geo report of tops and DST results and sent them to John to update his card data. If I was to go through all of my files, I'm sure I have many logs and geo reports that are not in the files of either the KGS paper or the WDL. Before I hang things up in my career, I vow to go through all of my data and get it donated and scanned.

KCC rules allow an operator to hold information confidential for a two year period. As long as the well in question is older than the two year period, one can release the data. If one has concerns about alienating a client, of course, feel free to ask for permission.

Wes Hansen



Kansas Geological Foundation

Web Site: 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 Wes Hansen 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, 1704 S, Baehr Wichita, KS 67209 or call Wes Hansen 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:

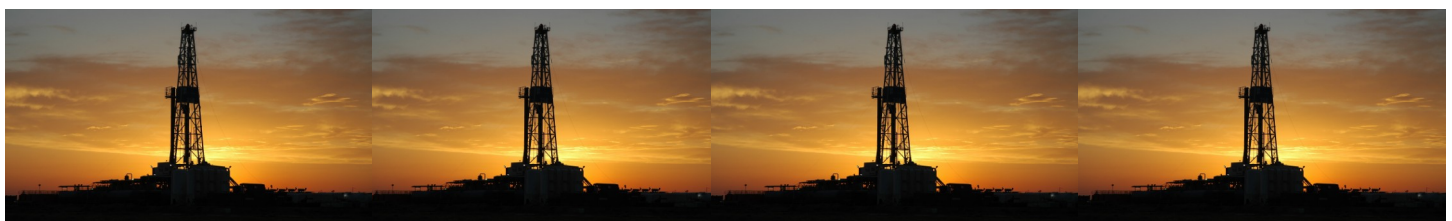
Century Club	\$ 100 to \$ 499
\$500 Club	\$ 500 to \$ 999
Millennium Club	\$1000 to \$5000
President's Club	\$5000 and over

Kansas Geological Foundation

Kansas Geological Foundation News

Spring 2022 KGF Scholarship Recipients

Name	University	Scholarship	Amount
Hannah Proffitt	University of Kansas	KGF Scholarship - (Knighton Family Scholarship)	\$1000
Greg Seitter	University of Kansas	KGF Scholarship	\$500
Brady Tumblin	University of Kansas	KGF Scholarship	\$500
Daniel Mongovin	University of Kansas	KGF Scholarship	\$500
Isaac Allred	University of Kansas	KGF Scholarship	\$500
Shawn Dunaway	University of Kansas	KGF Scholarship	\$500
Oluwaseun Akomolafe	Kansas State University	KGF Scholarship	\$500
Tolulope Agbaje	Kansas State University	KGF Scholarship	\$500
KGF Grants			
\$1000 to Vidhesh Shukla			
Graduate Student from Kansas State University			



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 Fall semester will be due by May 1, 2023.

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

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.

KGF Officers and Board Members

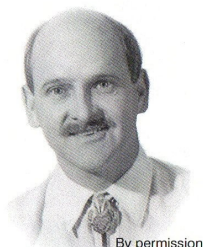
Executive Director **Kerry Parham**
President - **Tim Hellman**
Vice President - **Rusty Mourning**
Treasurer - **Jacob Dyson**
Secretary - **Debra D. FitzGerald**

Board Members

Brad Rine (24) **Dennis Hedke (24)**
Nick Hixon (25) **Beth Isern (25)**

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.

PLEASE SUPPORT THE INTEGRATION PROJECT BY DONATING FINANCIALLY TO THE KANSAS GEOLOGICAL FOUNDATION

Thank you to the Current KGF Members

The Kansas Geological Foundation gratefully acknowledges the generous contributions from the following Individual and Corporate Donors during our year end 2021 fundraising. From the Basic Membership up through the Millennium Class Members, we are deeply appreciative of your generosity in one of the most challenging times in our history. We wish you every success in the years and decades ahead.

Millennium Club

Michel Runnion William H. Shepherd Steve Frankamp Richard Jordan - Vincent Oil

Mark Newman – Crosspoint Richard Hiebsch - Vincent Oil

500 Club

Don Beauchamp Dave Callewaert David Doyel John O. Farmer, Inc.

Debra Fitzgerald Abercrombie Energy, LLC Gore Oil Company Derry Larson

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Trilobite Testing, Inc. Mark Thompson Darrel Walters Alfred James III Chellie Mazzullo

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Martin Dubois Harvey Gough Tim Hellman F. Judson Hipps Jerry Honas

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Marc Summervill Tomco Oil, Inc. Larson Engineering, Inc. Ted Jochems

Sal Mazzullo JRZ Enterprises John Washburn

Kansas Geological Foundation Memorials

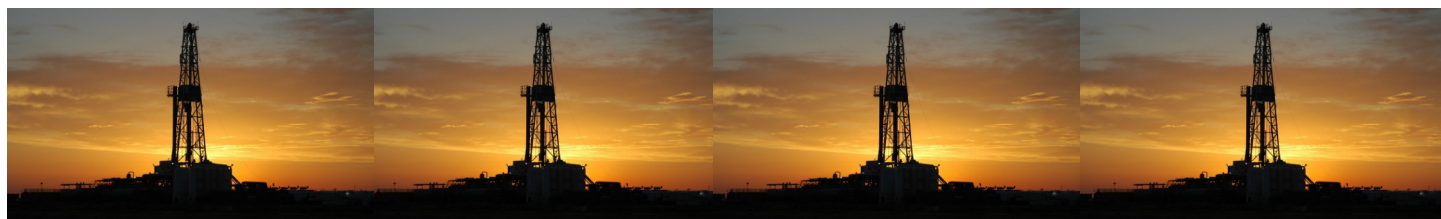
KGS Member	Date Deceased	Memorial Established
Dan Bowles	09/89	1990
John Brewer	10/89	1990
George Bruce	08/89	1990
Robert Gebhart	01/90	1990
Ray Anderson, Jr.	11/90	1990
Harold McNeil	03/91	1991
Millard W. Smith	08/91	1991
Clinton Engstrand	09/91	1991
M.F. "Ted" Bear	10/91	1991
James & Kathryn Gould	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. Schaaake	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
Craig Caulk	03/10	2010
Joseph E. Moreland, Jr.	03/10	2010

Kansas Geological Foundation Memorials

KGS Member	Date Deceased	Memorial Established
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
E. G. "Elbie" McNeil	12/18	2018
Robert Maxwell (Bob) Euwer	1/19	2019
J. Fred Hambricht	12/18	2019
W. Lynn Watney	7/19	2019
Byron Hummon	12/18	2019
Mike Raymond	11/19	2019
James Roberts, Jr.	3/19	2019
Herb Johnson	8/19	2020
Lloyd Parrish	2/20	2020
Bruce Reed	5/20	2020
Bob Scull	6/20	2020
Thornton E. Anderson	7/20	2020
Don Shawver	12/16	2020
Phillip Hart	12/20	2021
Timothy Lauer	05/21	2021
Fredrick Stump	09/21	2021
Larry J. Richardson	10/21	2021



18 Drilling Rigs
To depth of 9,500 ft.



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For contract information contact:

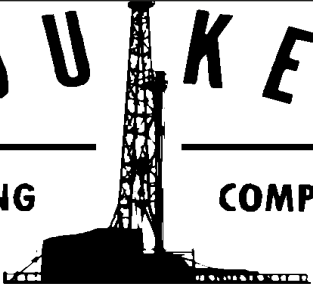
William Murfin
Drilling Manager

316-258-8888 (Direct)
316-267-3241 (Main)

250 N. Water, Ste. 300
Wichita, KS 67202

DUKE

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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.



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.

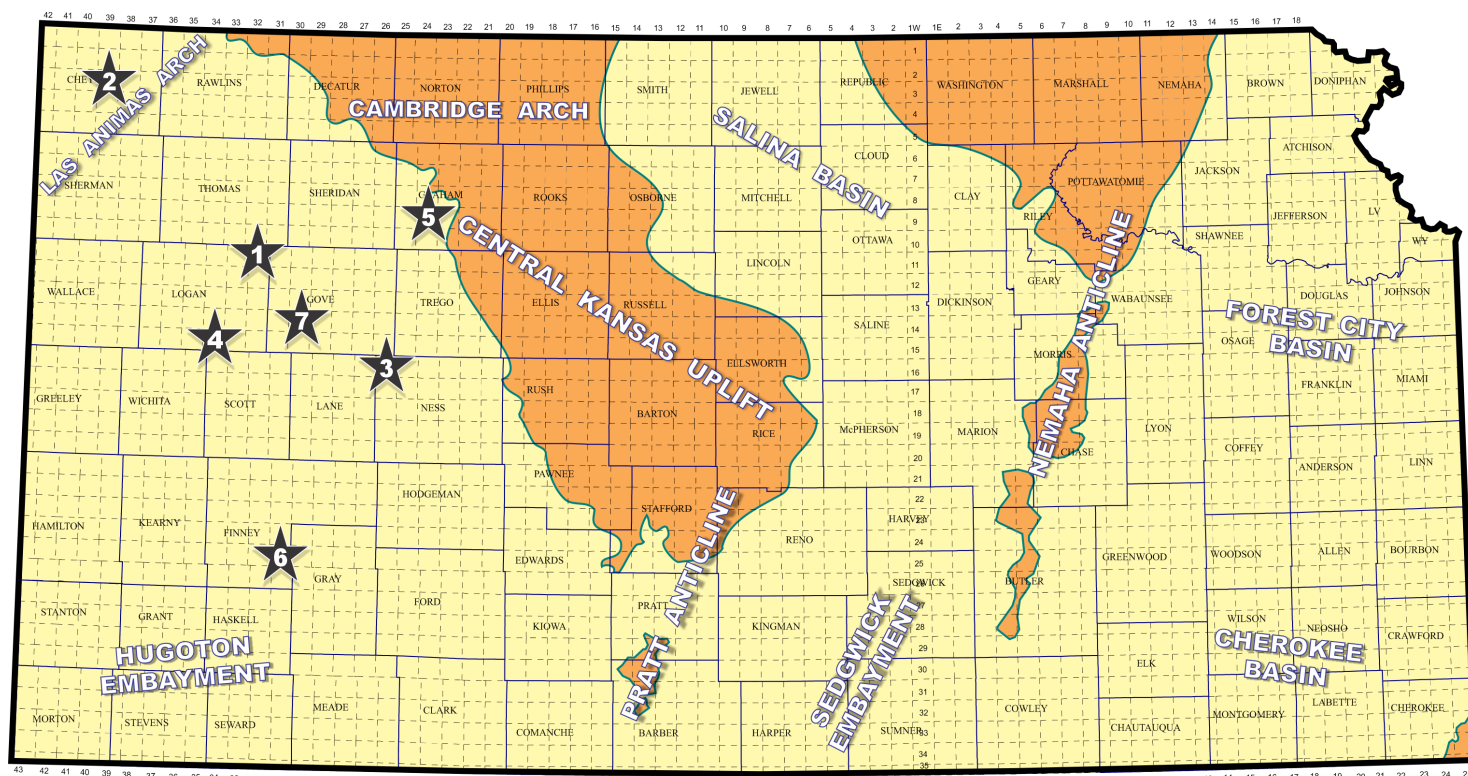
To be a Visiting Geoscientist bearing the AAPG flag, you are asked to have at least 5 years of experience and make at least one visit per year to a university. It can be a school with an AAPG Student Chapter, or a college/university without one. Your choice.

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

Exploration Highlights

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



Map courtesy of Marc Summervill

- 1.) Russell Oil, Inc, Edmond (OK), has stepped-out over one-half mile from multi pay production in the Oakley oil field to discover new Lansing-Kansas City and Cherokee (Johnson Zone) oil reserves. The infield wildcat, #14-1 Johnson, was drilled to a total depth of 4,720 ft by Southwind Drilling tools at site located in approximately NW NE SE NW in section 14- T11s- R32W. Completion details are currently confidential. The Oakley pool was discovered by Buick Drilling Company in 1956 with oil pays from the Marmaton, Lansing-Kansas City and Cherokee formations. Field area lies about one mile south of the tow of Oakley, Kansas. (ref: API 15-109-21653)
- 2.) Murfin Drilling Company, of Wichita (KS), has completed the #1-22 KMM as a producing oil well from the Lansing-Kansas City formation, which establishes a new KMM oil field in Cheyenne County. The wildcat well was drilled with Murfin's own Rig #110 to a total depth of 5,200 ft into the Mississippian. Location lies in the C S/2 NE SE in section 22- T3s- R39W, about six miles east of the town of Saint Francis, Kansas. No completion details have been reported. Closest recognized production in the vicinity is found nearly three miles away in the Orlando field that Murfin discovered in 1978 in section 8- T3s- R39W. The #1 Jessie Martin pool opener produced over 16,000 BO from the Shawnee (Topeka Limestone) formation before abandonment in 1983. (ref: API 15-023-21574)
- 3.) Palomino Petroleum, Inc, of Newton (KS), has established new Mississippian oil production at the #1 Ro-deo Time, located in approximately SW SE NE SE in section 20- T16s- R26W, in Ness County. The wildcat well was placed on the pump on September 2nd for an undisclosed potential. Duke Drilling Rig #2 bottomed the well at a total depth of 4,690 ft. Closest known production is located nearly three-quarters mile to the southeast

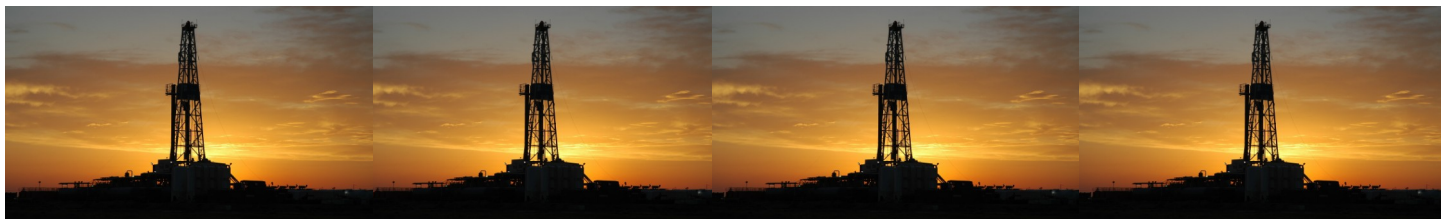
in the Unice South oil field (1971), which has produced over 375,000 bbls of crude from eight wells. The new “Unice Southwest” oil field lies two miles west of Utica, Kansas. (ref: API 15-135-26184)

4.) Cobalt Energy, LLC, of Wichita (KS), has discovered new Marmaton oil reserves in Logan County. The #1-34 Mac Family, spotted in approximately NW SE NW NE in section 34- T15s- R34W, was drilled to a total depth of 4,703 ft in June this year by Murfin Drilling Rig #22. Discovery site lies nearly three-quarters mile southeast of recognized oil production from the Marmaton, Cherokee and Atoka formations in the McDaniel East oil field (2017). Completion information is currently confidential. The new pool has been named “McDaniel Southeast”. Field area is located about fifteen miles south and five miles east of Russell Springs, Kansas. (ref: API 15-109-021632)

5.) Canyon Operating, LLC, of Loveland (CO), is producing 75 BOPD, no water, at a new pool discovery well in Graham County. The #19-1 Finley was placed on production on September 1 at site located in approximately NE SE SE NW in section 19- T9s- R24W, about four miles north and two miles east of Saint Peter, Kansas. The well has discovered new oil reserves in the Lansing-Kansas City formations. No details are available. Total depth was obtained at 4,210 ft utilizing STP Drilling Rig #2. Future offsets are being planned. The new oil field has been named “Finley”. (ref: API 15-065-24221)

6.) American Warrior, Inc., of Garden City (KS), has discovered new Mississippian oil reserves in Finney County with the completion of the #2-26 O’Brate - Beach, which was drilled in approximately NW SE NW SW in section 26- T25s- R31W. The wildcat pool opener was drilled to a total depth of 5,002 ft by Duke Drilling tools. The well is producing an undisclosed amount of crude about one mile southeast of Marmaton oil production in the Beach NW field that was also discovered by American Warrior in 2016. Closest recognized Mississippian (St Louis) pay in the area can be found about one mile to the southeast in the Beach field. American Warriors new field has been named “Beach Hills”. Field area is located two miles south and one mile west of Pierceville, Kansas. (ref: API 15-055-22556)

7.) Palomino Petroleum, Inc., of Newton (KS), has a triple-pay oil discovery in Gove County. The #1 Sharp Dressed Man is producing an undisclosed amount of oil from the Lansing-Kansas City, Marmaton and Cherokee formations at site located in approximately NE SW NW NW in section 16- T14s- R30W. Operator found new reserves three-quarters mile northeast of similar pays in the Butterfield - Overland Northeast field. Murfin Drilling tools drilled the well to a total depth of 4,598 ft. The new pool has been named “Brownie Southeast”. The new discovery lies eight miles south and nine miles west of Gove, Kansas. (ref: API 15-063-22441)



KGS BULLETIN
 January - February 2023

January 2023

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

February 2023

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