



KANSAS GEOLOGICAL SOCIETY

BULLETIN

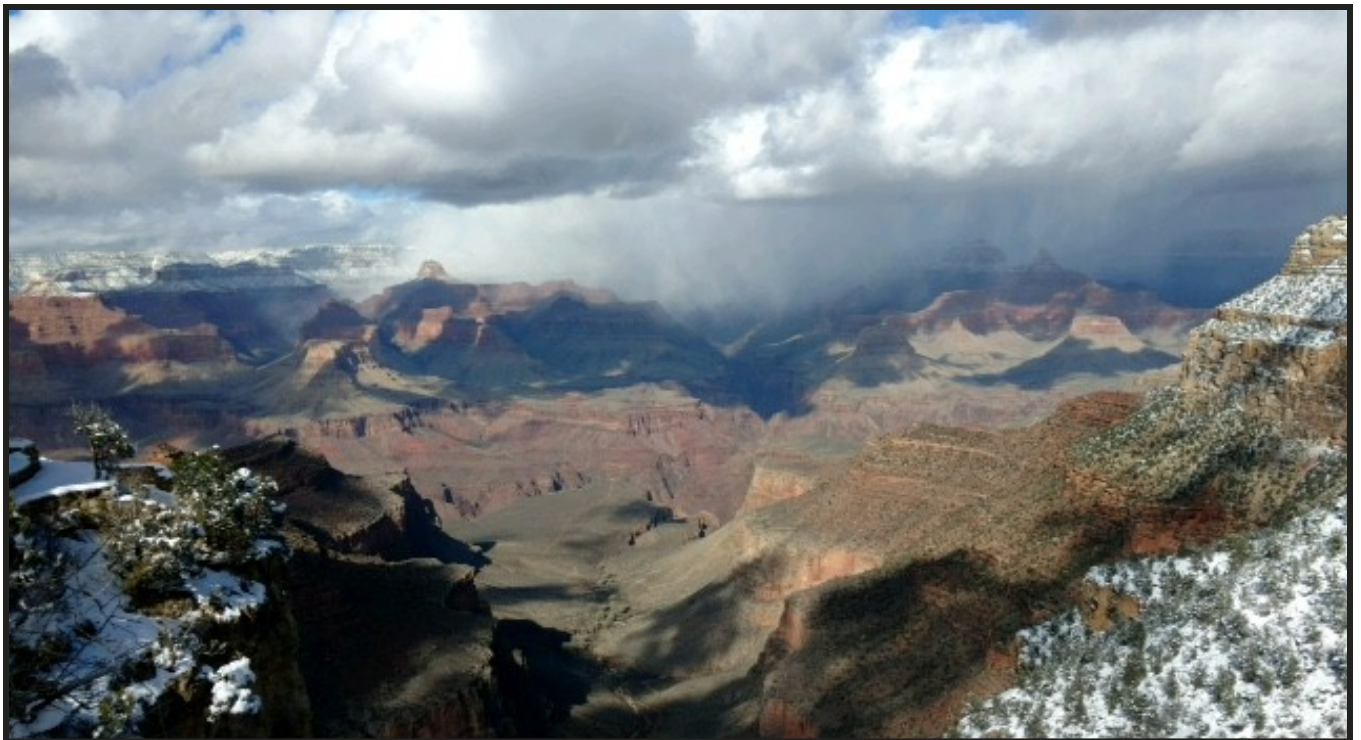
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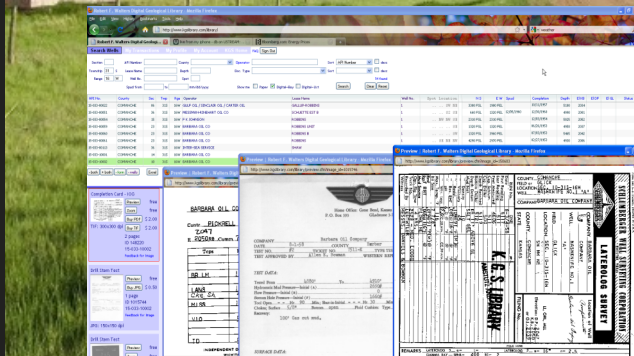
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ON THE COVER:

*View from the south rim of the Grand Canyon, overlooking the
Plateau Point trail and Bright Angel trail
Photo courtesy of Mike and Colette Maune
Mule skimmers*

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 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 2019 Technical Talks

- January 09 - *"Regional-Scale Characterization of the Arbuckle Group's Depositional History and Cap Rock Facies Variation and Their Role on Arbuckle Reservoir Characteristics and Saltwater Injection"* - Kurt Rottman - Oklahoma Geological Survey
- January 30 - *"KU Student Pool Studies"* - Dr. Tony Walton - University of Kansas
- February 08 - *"Rock Typing and Its Application to Petroleum Geology"* - Dr. Behzad Ghanbarian - Kansas State University
- February 27 - *Topic TBA* - Dr. Rolph Mandel - Director, Kansas Geological Survey & Dr. Franciszek Hasiuk - KGS Energy Section (Lawrence, KS)

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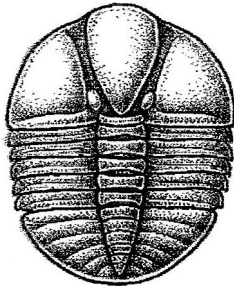
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**Randy Lilak correctly identified
The last one as: Harpides**

Bulletin committee members and PhD's in
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

Greetings KGS members and friends of the society,

In the past when I was serving as the KGS Bulletin Editor, I would find myself often pleading with the then current president for their President's letter. Now the ball is in my court. 2019 will be my fourth consecutive year serving on the board. Secretary in 2016, treasurer in 2017, vice-president in 2018 and now as your president. I consider it an honor to have been asked to run for office and to serve with the best of my ability.

Oil prices were respectable for a good portion of 2018 resulting in an uptick in activity. Unfortunately a slump in the latter part of the year has us all wondering again what the future holds. If we are to believe some of the pundits, the lower prices will rebound as storage capacity is drawn down. We are all prisoners in this global economy.

I encourage all of you to utilize our library for your printing needs. It really helps the bottom line here at the KGS as sales and library dues and subscriptions are our only sources of income. Although final year end financials are not yet available at the time of this letter, it appears the library will only have a net operating loss of about \$30,000.00 for 2018. The library purchased a new large plotter/printer from ARC Solutions here in Wichita to replace our old unit that had been through repairs a few times over the years. Please kindly consider having Angela handle your large map and X-section needs.

The Annual KGS Banquet and Awards Presentation will be on Friday, January 25 at the Petroleum Club. Doug Davis will again be handling the event. The KGS will be bestowing Honorary membership on Alfred James III for his long standing service to the KGS and the geological profession. As an added bonus, Doug was able to get Denise Cox, AAPG President, to attend and speak. A great big thanks, Doug, for your efforts and service.

I want to welcome our newly elected members of the KGS Board of Directors. Tim Lauer as vice-president/president elect, Robert Stozle as secretary 2019/treasurer 2020, and Doug Davis as director at large. Congratulations to all. I'm looking forward to working with each of you in the coming year. I have asked Kent Crisler and Rocky Milford to serve as my advisors for 2019. Each of them graciously agreed to fulfill that duty.

A major focus of my tenure in 2019 will be the Mid-Continent Section Meeting of the AAPG from October 5-8. Andrew (Toby) Eck with Shakespeare Oil and Gas has agreed to be the General Chair. I'm not aware of his various committee chairs, but encourage all of our membership to step up and help in anyway, whether with volunteering or financially donating to the cause. The last time our society hosted was in 2014 when good times were had. At this point in time we do not have that luxury. I am afraid efforts to raise funds will be much more difficult this coming year. Please surprise me. I am grateful that Doug Davis is on the board to advise and help with this convention.

Last, but not certainly least, I want to thank Beth Isern, her advisors and departing 2018 KGS Board members for their efforts during a trying year in 2018. Beth worked extremely hard to resolve our bookkeeping issues with the hiring of a new bookkeeper. As she noted in the November/December issue that did not work out. Another thanks to Cindy McSwain of AGH as she has brought our bookkeeping up to current standard practices along with working to consolidate the KGS Library and WDL. The 2019 board will continue to work on resolving the accounting with either outsourcing the work or possibly hiring someone as a bookkeeper.

Respectfully submitted,

Wes Hansen



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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 sixth 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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Coming Events in the Spring

- March 13 - *Minerals Exploration Alaska* - Steve Borell, PE - Borell Consulting Services LLC - Anchorage, AK
- March 15 - *Event - MCS AAPG Student Expo* - University of Oklahoma
- March 16 - *Event - MCS AAPG Student Imperial Barrel Competition* - Devon Energy Corporation
- March 27 - *Topic TBA* - Kristie Luchtel Ferguson - Tulsa
- April 10 - *"OSU Students Field Studies"* - Jim Puckette - Oklahoma State University
- April 24 - *"Anadarko Basin"* - Rick Fritz - Tulsa
- May 08 - *"Ft. Hays Student Pool Studies"* - Dr. Hendratta Ali - Ft. Hays State University
- May 18 - *Event - AAPG Convention - San Antonio, TX - May 18-22, 2019*

2019 KGS Board of Directors



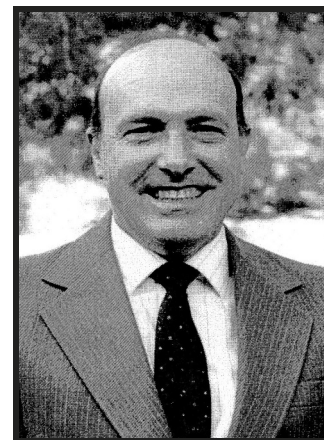
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*2019 KGS Annual Banquet and
Awards Presentation*

January 25, 2019

Social Hour 5:30 to 6:30 PM

Dinner at 7:00 PM

Tickets \$40.00

*Please RSVP to frontdesk@kgs.com or
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*Guest Speaker - Denise Cox AAPG
President*

*Honorary Membership to be
bestowed upon Alfred James III*

Honorary Member Profile

Alfred James III

This year the Kansas Geological Society has chosen one of its most prominent and active geologists for honorary membership. Fred was born in Milwaukee Wisconsin in 1929. His father Charles James worked in insurance and his mother Grace Velie was a homemaker. They raised four sons Alfred, Charles, David, and Douglas.

Fred graduated from Milwaukee University High School, in 1947. He then enrolled at the University of Wisconsin-Madison graduating with a BS degree in Geology in 1951. He started graduate school there also, but enlisted in the U.S. Army from 1952 to 1954, stationed at Ft. Sam Houston, San Antonio, Texas.

In 1952, Fred married Elizabeth (Beth) Fitzgibbon and they raised five children: Alfred, Christopher, Peter, David and Kathryn. They also have six grandchildren. Beth passed away March 23, 2018.

After military service, Fred was hired by Gulf Oil. Working first in Colorado and later he was transferred to Wichita. He worked with Ray Moody, Charles Roach, Bennett Thompson, and Virgil Cole.

Fred left Gulf Oil and was employed by Walter's Drilling Company in 1958. Dr. Robert F. Walters became his mentor and very good friend. Don Beauchamp was also employed there. While working at Walter's Drilling he was introduced to J. A. Mull of Mull Drilling Co.

In 1965, Fred left Walters Drilling and partnered with Bill Bartlett forming Bethryn Oil. Bartlett taught Fred business economics. The company is still in business today. Bethryn partnered with Walter's and Mull on many successful oil and gas ventures in Kansas and Colorado.

Fred ventured in many oil basins and frontiers. Including the North slope of Alaska working with Dr. Mark Myers, past director of the U.S.G.S. He is also working with Dr. David Houseknecht, chief geologist for the U.S.G.S. Alaska.

Geology is not and has not been Fred's only great interest. He also pursued an amateur career in music, especially jazz. He like Louis Armstrong played cornet. He played in what was then called a mixed band, the Riverboat Rascals, in New Orleans. He also played in the Oscar "Papa" Celestin Band, which was the best jazz band in New Orleans after Armstrong had left. In the 70's and 80's in Wichita, Fred played with Jazz artists Claude "Fiddler" Williams, Jay McShann, and local artists Johnny Harris and Art Hicks. He has also played with a number of groups in Nashville where his son is a music producer.

Fred along with Jon Callen, Dick Jordan, Jene Darmstetter, Orvie Howell, Bob Cowdery, Elbie McNeil, Thornton Andersen, and others were on the Advisory Committee and the Board of the Kansas Geological Foundation. It was this group that determined the procedure and the funding for what we now know as the Walter's Digital Library. In 2005, the year he became a 50 Year Member of the K.G.S. he was also the President of the Society. Fred is also a member of the R.M.A.G., A.A.P.G., and SIPES.



Memorial

J. Fred Hambright, III

John Frederick Hambright III (J. Fred) passed away on December 4, 2018 one month after his 90th birthday. Fred was born and raised in Roby, TX on the family cotton farm. He graduated from Texas A&M University with a degree in petroleum engineering. He was a member of the A&M Corps of Cadets and the Ross Volunteer Company honor guard. After graduation, Fred served as a lieutenant in the United States Air Force, with stations in England and Germany. After his military service, Fred moved to Plainville, KS to work for his uncle, Fielding Patrick Hambright, as an oil and gas landman. In the course of his work, Fred met Delores Mae Carty of Denver, CO. They married in 1954 and moved to Wichita, KS. They shared 61 years of marriage. Fred eventually founded J. Fred Hambright, Inc. where he remained active in the oil and gas leasing business for the rest of his years. Because of the breadth and volume of his work, Fred was inducted into the Legacy Gallery of the Kansas Oil Museum as well as the Kansas Oil and Gas Hall of Fame.

Fred was a member of the Reformation Lutheran Church and the Kansas Independent Oil and Gas Association, as well as numerous other oil and gas-related organizations. He was a proud alumnus of Texas A&M where he served as Muster Chairman of the Wichita Chapter. Fred helped countless people get their start in the oil and gas business. He was a bowler, fisherman and lover of puns. His quick wit, warmth and generosity will be sorely missed. He lived life to the fullest and was proud to have made lasting contributions in business and life.

Fred was preceded in death by his wife of 61 years, Delores. He is survived by daughter Marjorie B. Hambright of San Luis Obispo, CA; son John F. Hambright IV (Kim Marie) of Wheat Ridge, CO and three grandchildren.

Editor's Note: The above information was taken from and paraphrased from Fred's obituary in the Wichita Eagle newspaper. I want to add that Fred and I bowled together for a few years back in the day. He was a delight to have known. I used to go and visit him in his office where he would give me puzzles to work on. I think they were from The New Yorker magazine. Quite difficult as I recall. I must tell a story he told me years ago. Fred was on the elevator going up to the Petroleum Club in Wichita along with several senior geologists with larger oil companies in Wichita. Conversations were in full swing when one gentleman asked "Fred, where are you top leasing me today." Fred replied, "I am leasing for and top leasing for everyone on this elevator." All conversation stopped dead. That was a great example of his quick wit. I really will miss you Fred.

Memorial

E. G. "Elbie" McNeil

Elbie McNeil, retired petroleum geologist and beloved husband, father, grandfather, neighbor and friend, passed away at the age of 92 surrounded by his family. He was born in Isabel, Kansas, the youngest of five children. The family moved shortly after his birth and Wichita became his lifelong home. Elbie graduated from Wichita East High School in 1945. He was president of his senior class. He attended Wichita University where he ran track and was a member of Phi Upsilon Sigma Fraternity. He graduated in 1949 with a B.S. in Geology. He remained a proud WSU Shocker fan and loyal ticket holder for most of his life. After graduation, he worked as a geologist for several independent oil companies including Derby Oil, Nadel and Gussman and Oasis Petroleum. He eventually formed a partnership with Jack Paulsen in Rockwood Petroleum.

Elbie was an honorary member of the Kansas Geological Society where he served as president in 1959. Elbie is survived by his devoted wife of 68 years, Phyllis; sons Dr. Larry McNeil (Kathy) of Wichita, KS; Richard McNeil (Sandy) of Fort Collins, CO; Doug McNeil (Lori) of Castle Rock, CO; and daughter Linda (Dr. Jim

(continued on page 14)

Kinderknecht) of Brooklyn, NY.; and sixteen grandchildren and 20 great grandchildren. Elbie was preceded in death by his parents, brothers Harold and Vernon and sisters, Louanna Bawcom and Myrabel Hollowell. The family suggests memorials to the Wichita State Alumni Association or the Kansas Geological Foundation.

Memorial

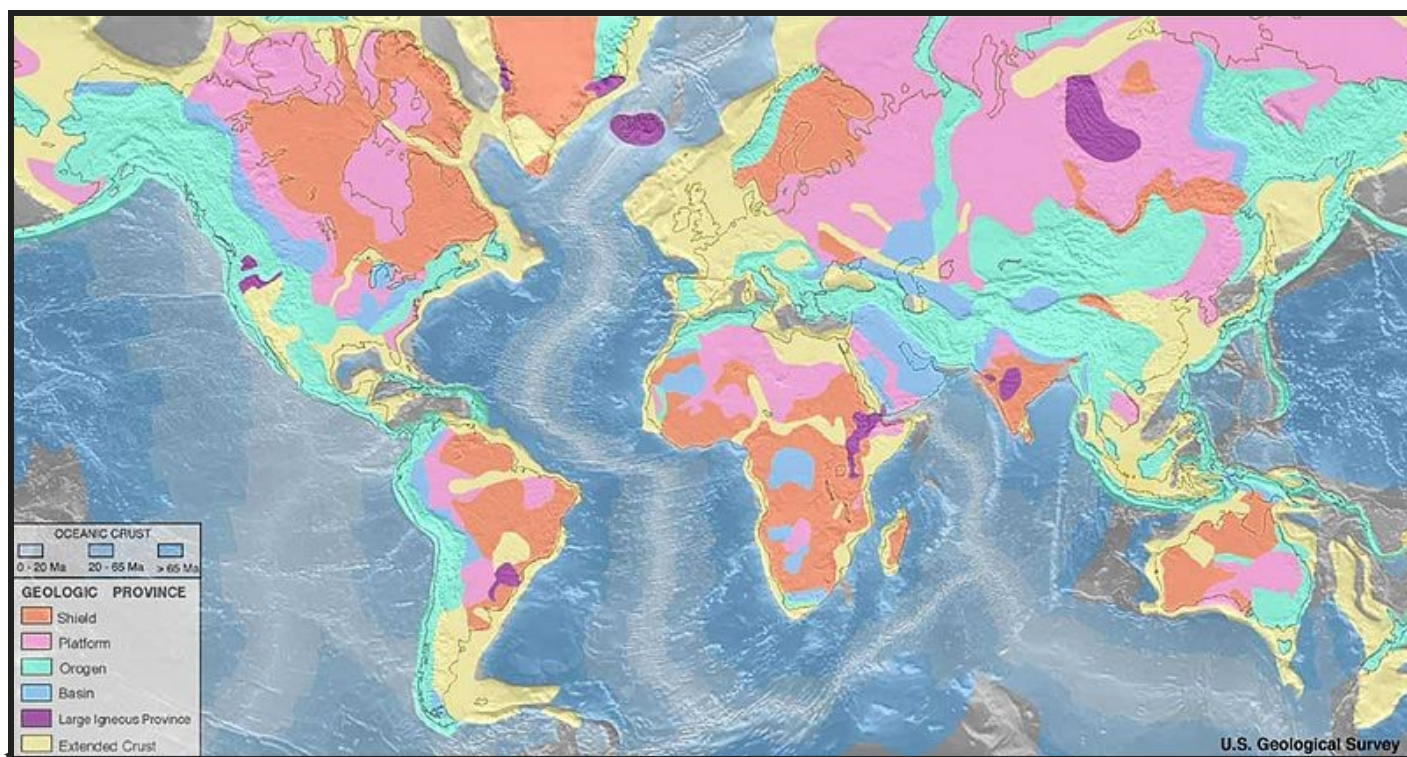
Byron Eugene Hummon, Jr.

Byron Hummon Jr. passed away December 10, 2018 at the age of 82. He was born on August 8, 1936 in Raytown MO. Because his father was in the navy, he lived in a number of places during his youth. He started high school at Will Rogers High School in Tulsa, OK but graduated from Wichita East High School. Byron enrolled at Wichita University in geology. He graduated with a B.S. in Geology in 1958. Byron worked at Northern Natural Producing Company through 1959 when Mobil purchased the company. He then decided to resign and pursue a career as an independent. He remained an independent throughout of the rest of his life.

Byron was involved in the formation of several companies and partnerships over the years. These include 3-G Oil with 15 discoveries during his tenure; a partnership with William C. Stewart; and the Hummon Oil Company (formed with Ray Whortan, Merle Britting and Dr. Willard Kaiser). In 1980, he formed Hummon Corporation and drilled several wildcat programs with D. R. Lauck, Inc. in Kansas. In 1982, Byron and Bob Clark leased 170,000 acres in Hayes County, NE targeting the basal sand and Lansing-Kansas City. 8 wildcat wells discovered 3 oil fields. These discoveries were noted in the Oil and Gas Journal. Byron has been associated with the drilling of many hundreds of wells across several states.

Byron is survived by his wife of 31 years, Carolyn. He is also survived by his children from a previous marriage, sons Byron Hummon III and Robert Hummon and a daughter Julie Sumner. Also surviving are step-children, Cathy Forbes and Craig Hamilton, eight grandchildren and four great-grandchildren. He was preceded in death by his parents and one son Kevin Hummon. Burial is in Highland Cemetery in Medicine Lodge, KS.

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September 2019 Rocky Mountain September 15-18
Cheyenne, WY

October 2019 Mid-Continent October 5-8
Wichita, KS

Eastern October 12-16
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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
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When ordering pizza from Papa John's,
Use this code: **WSU004**
(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.

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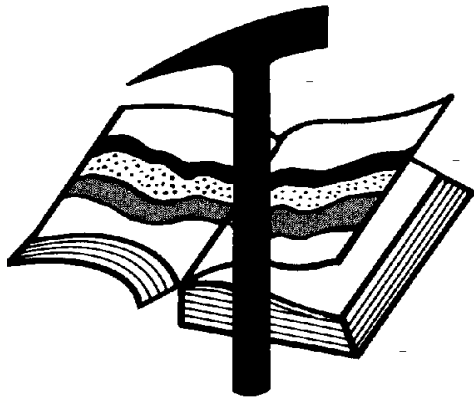
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Oklahoma
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Geological Office Furniture:

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- Map cabinets—metal—2 available
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Web Site: www.kgfoundation.org

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- 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, 212 N. Market, Ste. 100, Wichita, KS 67202, 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

Cornerstone

Kansas Geological Foundation News

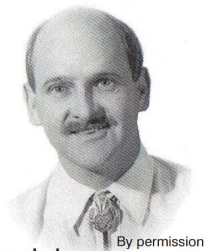
Spring 2019 Scholarship Recipients

Ethan Reid	Ft. Hays State Univ.	Knighton Family Scholarship	\$500.00
Nicholas Thurber	Emporia State Univ.	KGF Scholarship	\$500.00
Luke Rijfkogel	Kansas State Univ.	KGF Scholarship	\$500.00
KayLeigh Rodgers	Kansas State Univ.	KGF Scholarship	\$500.00
Ganiyat Shodunke	Kansas State Univ.	KGF Scholarship	\$500.00
Rhowe Stefanski	Kansas State Univ.	KGF Scholarship	\$500.00
Breanna Waterman	Kansas State Univ.	KGF Scholarship	\$500.00
Jacob Baker	Univ. of Kansas	KGF Scholarship	\$500.00
Caroline Nazworth	Univ. of Kansas	KGF Scholarship	\$500.00
Hannah Proffitt	Univ. of Kansas	KGF Scholarship	\$500.00
Carson Ruffedt	Univ. of Kansas	KGF Scholarship	\$500.00
Julie Sophis	Univ. of Kansas	KGF Scholarship	\$500.00
Guy Sturdevant	Univ. of Kansas	KGF Scholarship	\$500.00

Grant Request Recipients

No grant requests were received

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.

KGF Officers and Board Members

President- *New officers to be elected at January meeting*

Vice President -

Treasurer -

Secretary -

Board Members

Dave Callewaert

Michel Runnion

Corey Baker

Brian Fisher

Ken Leblanc

Dennis Hedke

Bryce Bidleman

Larry Friend

Ted Jochems

Scholarships - Maurice Korphage

Publicity - Wes Hansen

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, 2019.

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.

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.

ANNOUNCEMENT KANSAS GEOLOGICAL FOUNDATION

Per a Notice that was distributed to owners of seismic data that has been stored under the auspices of the Kansas Seismic Exchange (KSE), circumstances have occurred such that the storage of those contents have had to be removed from that library, as of December 31, 2018.

In the interest of preservation of the unique data, gathered over many decades, and which has inherent value, the Kansas Geological Foundation (KGF) became involved in a process to assist in the transfer of the data out of KSE facilities. As of December 31, 2018, the KSE relocated all seismic data in their library to the Wichita facility of Underground Vaults and Storage (UVS), located at 707 E. 33rd St. North, Wichita, KS 67219.

The owners of the data had the option, via Notice, to either recover their records/data, or make a tax deductible contribution related to that data to the KGF. If, at the end of a two year period ending December 31, 2020, data is not claimed by respective owners, it will automatically be transferred as to ownership from the owners of the KSE to the KGF. The KSE has agreed to release index files, plat maps, and other reference items that relate to the stored data to the KGF. The KGF plans to relocate these reference files to a facility within the Kansas Geological Society and Library (KGS). Library members will be able to access these files and, for fees yet to be determined, obtain copies of plats, etc, such that if they wish to access actual data at the UVS facility, that can be accomplished by individuals who have access codes, which will be controlled by UVS and the KGF.

Various elements related to these processes are still being worked out, and the KGF will provide updates in the near future as to additional details. For those members of the KGF who have supported its efforts such as the major accomplishments related to the development of the Walters Digital library and the ongoing integration project, the KGF Board wishes to express deep gratitude. We will also closely monitor progress of this new undertaking and carefully evaluate cost/benefit of it into the future. Should it become infeasible to continue, we will exercise options to discontinue our involvement with the activity.

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

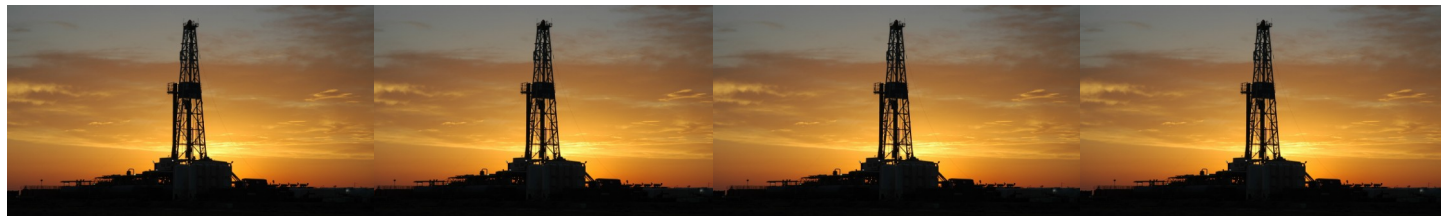
Kansas Geological Foundation Memorials

KGS Member	Date Deceased	Memorial Established
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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
E. G. "Elbie" McNeil	12/18	2018

The costs for printing and mailing the bulletin far exceed the ad revenue. Advertising revenue received in 2018 totaled \$ 3,590.00. Printing and postage costs for 2018 totaled \$13,605.48. **A shortfall of \$10,015.48.** Currently, one can view the bulletin online from the Kansas Geological Society website and print from one's own computer. Discussion with the KGS Board leaned toward going totally digital, although no official motion was made or vote taken.



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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.

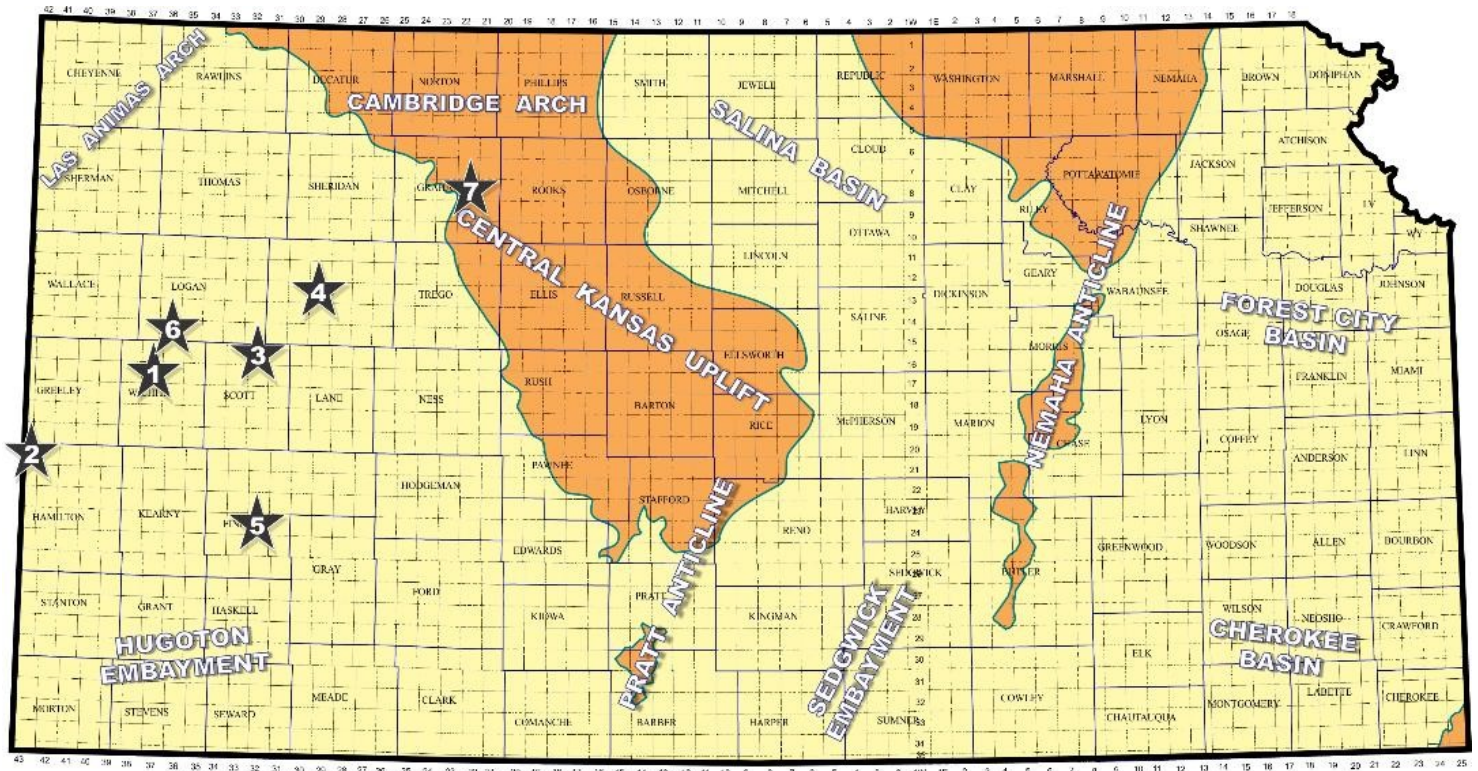
To be a Visiting Geoscientist bearing the AAPG flag, you are asked to have at least 5 years of experience and make at least one visit per year to a university. It can be a school with an AAPG Student Chapter, or a college/university without one. Your choice.

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

Exploration Highlights

By John H. Morrison, III
Independent Oil & Gas



Map courtesy of Marc Summerville

- 1.) Ritchie Exploration, Inc., Wichita (KS), has discovered oil deposits in the Altamont limestone member of the Marmaton Group at their #1 Lewis Trust 3-C in Wichita County. The new unnamed pool discovery was drilled and completed in approximately NW SE SW in section 3-T17s- R37W, about 7 miles north and 1.5 miles west of the town of Leoti, Kansas. WW Drilling tools bottomed the well at a total depth of 4980 ft. No other details are available. (API 15-203-20340)
- 2.) Highlands Natural Resources Corporation, Denver (CO), has established the new Fort Aubry Gas Field in the northwest corner of Hamilton County. The #18-14 Barrett, located in approximately NE SW NE in section 14- T21s- R43W, is a successful wash down of a hole originally drilled by Davis Operating Company in 1997. Total depth was in the Mississippian formation at 5251 ft. The well discovered nitrogen gas pocket in a sand zone below the Cedar Hills formation but above the Stone Corral formation in the Permian Group. Production depth is from 2187 to 2190 ft. Field area is located 12.5 miles north of Coolidge town site. (API 15-075-20664-0001)
- 3.) Shakespeare Oil Company, Inc., Salem (IL), has successfully completed the #1-6 Ellis as a new pool discovery in Scott County. The well opens the new Lakeside Field with oil production

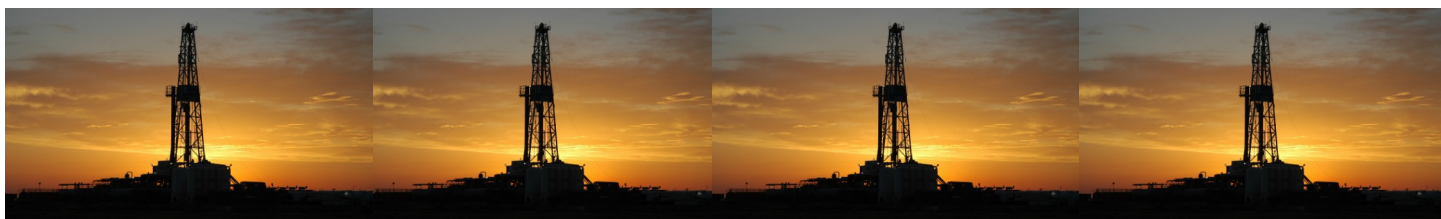
established from the Johnson Zone limestone in the Cherokee Group. Duke Drilling tools drilled the wildcat well in approximately NW SW SW of section 6- T16s- R32W. Total depth is 4730 ft. The new oil field is located 13.5 miles north of Scott City, Kansas. Completion details remain confidential. (API 15-171-21233)

4.) US Oil Resources LLC, Lakewood (CO), is producing oil from the Mississippian formation at the #11D-36-1329 Beougher, spotted in approximately SE NE SW in section 36- T13s- R29W in Gove County. The wildcat discovery is recognized as the Hoffsmith East pool discovery well. The well was drilled about 1.5 miles east of known Lansing-Kansas City and Marmaton oil production in the Hoffsmith Field (1981). Rotary total depth is 4650 ft. Field area is located 5.5 miles south of Gove, Kansas. (API 15-063-22333)

5.) Merit Energy Company LLC, Dallas (TX), has discovered new oil reserves in the Morrow formation at the #34-1 Wood, located in approximately NW SW NW in section 34- T24s- R32W in Finney County, southwest Kansas. The new discovery was made over one mile southwest of known Morrow and Mississippian oil production in the six-well Arkansas River Field which Merit also established in 2017. Their latest find on the Wood lease has been designated as the Arkansas River Southwest Field and is located about two miles south and one mile east of Garden City, Kansas. (API 15-055-22490)

6.) Palomino Petroleum, Inc., Newton (KS), is pumping an estimated average of 90 barrels of oil per day at the #1 Dirks new pool discovery in Logan County. The new Wing Southeast pool opener is producing crude from the Altamont limestone in the Marmaton Group at drill site located in approximately NE NE SE in section 25- T15s- R36W, about 13 miles south and 4 miles west of Russell Springs, Kansas. Total depth is 4953 ft. Completion details are confidential, however, State production records show that the well produced 2727 barrels of oil in its first month on production in August, 2018. (API 15-109-21557)

7.) Cobalt Energy LLC, Wichita (KS), has established a new oil producing field in Graham County with the successful completion of the #1-36 Elizabeth A, located in approximately SE SE SE, section 36- T8s- R22W. The wildcat well opens the new Hatcher Northwest oil field about 3.2 miles south and 1.2 miles west of Bogue, Kansas. The well is producing an estimated 50+ barrels of oil per day from the Lansing-Kansas City formation. Total depth is 3823 ft. State production records indicate first month on production of 985 barrels of oil total (8/2018). Completion details remain confidential. (API 15-065-24148)



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KGS BULLETIN
 January - February 2019

January 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 New Year's Day KGS Closed	2	3	4	5
6	7	8 KGS Board	9 Tech Meeting	10	11	12
13	14	15	16 KGF Board	17	18	19
20	21	22	23	24	25 KGS Annual Banquet and Awards Dinner Petroleum Club	26
27	28	29	30 Tech Meeting	31		

February 2019

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