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KANSAS GEOLOGICAL SOCIETY

BULLETIN

Volume 89 Number 2

March—April 2014

IN THIS ISSUE

Memorials:

Toby Elster

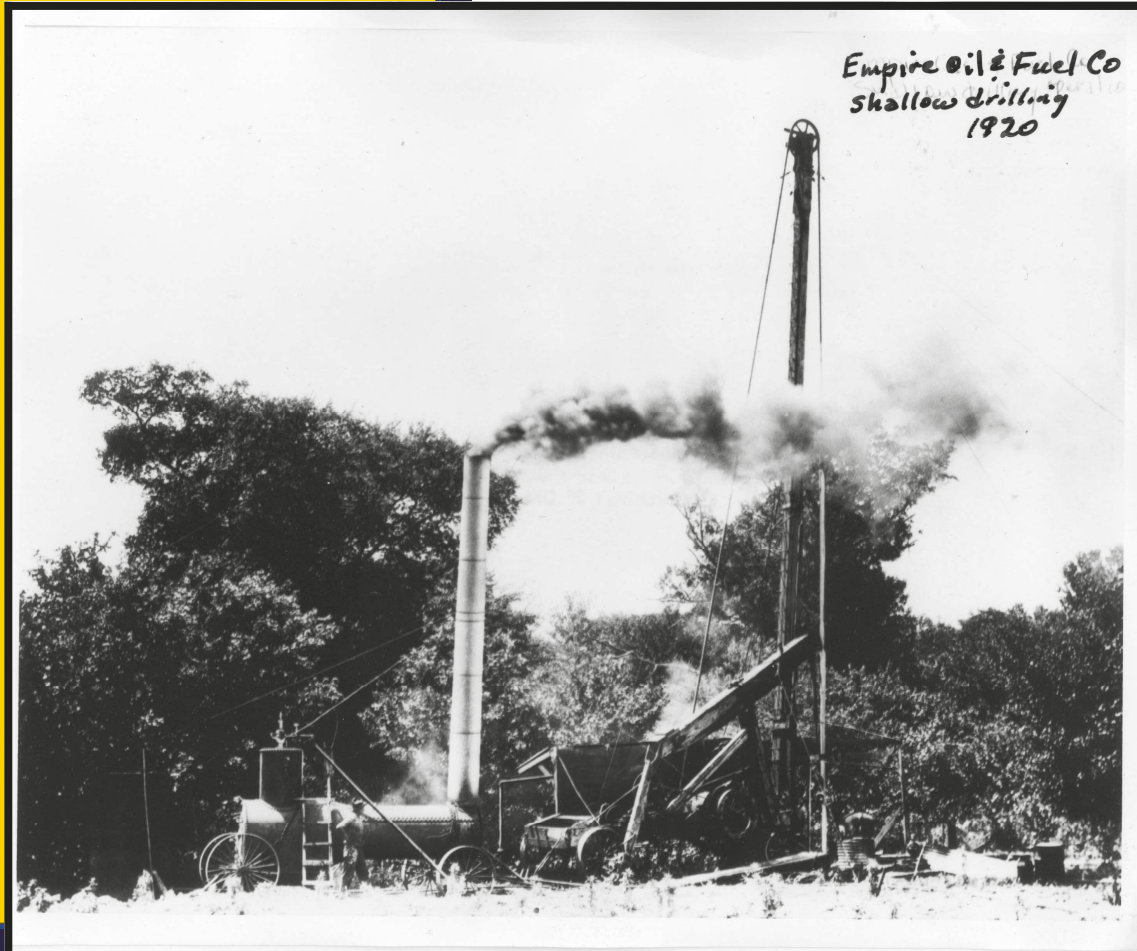
Richard Shields

Robbie Thompson

**Honorary Member
Kent Crisler**

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ON THE COVER:

Due to a lack of a scientific article and photos to accompany, I decided to share some of the old photos we have of early oil days in Kansas. If you have any old photos pertaining to Kansas Oil & Gas Industry, we would love for you to share them with us.
This one shows the early equipment they had to work with.
Next time you have equipment problems on a well, look at this photo.

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 Rebecca Radford, 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

2014 Technical Talks - NEW LOCATION!!!

Mar.4 —Kevin Lant— *“Po Valley (Po Basin) of Northern Italy—An Overview of the geology, tectonics, hydrocarbon accumulations, and current ongoing exploration efforts in the basin, plus a bit of an introduction of what it takes to do business in Italy”*

Mar. 18— open

Mar. 25—Geographix User Group meeting

Mar. 28—James Aber, Emporia State, *“Cemeteries: Kite’s Eye View, United States & Denmark”*

Apr. 1— Dr. Hendratta Ali, Fort Hays State, *“Student Field Studies”*

Apr. 15—Mike Pinnell , *“Central Utah Thrust Belt Exploration Is In Its Infancy”*

Apr. 22—Dr. Walt Manger, University of Arkansas, *“TBA”*

May 6—Open

May 20—Open

May 27—Larry Richardson’s WSU Class presentations of field studies

**For More Information or suggestions of speakers
Please contact Dave Clothier: dave@mccoypetroleum.com**

NOTICE!!

NEW Location for Technical Meetings

All KGS technical presentations are held at 12:30 p.m. at the Landmark Square Building, located at 212 N. Market. We have a new meeting room on the 4th floor, up the stairs and at the end of the hallway in the Wisdom Center.

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

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

**www.kgslibrary.com
(For the most information, go to the Tech Talks tab)**



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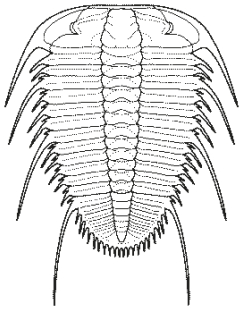
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President's Letter

Dear KGS Members,

First I would like to thank our chairman Bob Bayer and his committee for all his work and planning for the Annual Banquet. We all thoroughly enjoyed Morris Korphage's creative and humorous story telling as we recognized and inducted Kent Crisler as an Honorary Member of our society. Well deserved congratulations to Kent again! I would like to also like to acknowledge the help of our library manager Rebecca Radford and all of her efforts to help make the banquet a success.

So far this year our chairman Dave Clothier and his committee have done an outstanding job finding us interesting speakers for our Tuesday lunch time programs. I have enjoyed the speakers who have presented talks to our society and the diverse subject matter. For the record we should all note it has taken 3 ½ people to replace the work of Bob Cowdery just to find available speakers – we all need to thank Bob for his past service to our society. As a reminder more new chairs are coming soon for our speakers room and don't forget to check the on line bulletin for the most recent updates for the speakers talks.

I registered early to attend the AAPG 2014 Annual Convention on April 6th thru 9th in Houston this year. I hope to see you and other KGS members in attendance.



As I write this letter it seems we are getting yet another polar express of cold air that is making our winter weather last a little longer. Remember our benefit is a larger demand for Kansas's natural gas and our cold winter has resulted in an increase in natural gas prices. The time is coming soon where Kansas exploration efforts will have us all enthusiastically looking for natural gas again. The weather has slowed down all field activity and of course especially rig moves. I am glad we all are busy and oil prices are staying constant.

In our last KGS board meeting we have been discussing the benefits of possible diversification of some of the library assets into more conservative and higher yielding instruments - I will keep KGS members posted on the outcomes of these sincere efforts. Concerning library usage and sales - we are still very positive our outlook for 2014.

As your president please remember I represent you and the other members of the KGS - please feel welcome to talk to me in person or other board members anytime. You are also welcome to call me if you have any questions, problems or concerns with KGS policies.

Respectfully Submitted,
Brian Fisher
KGS President 2014



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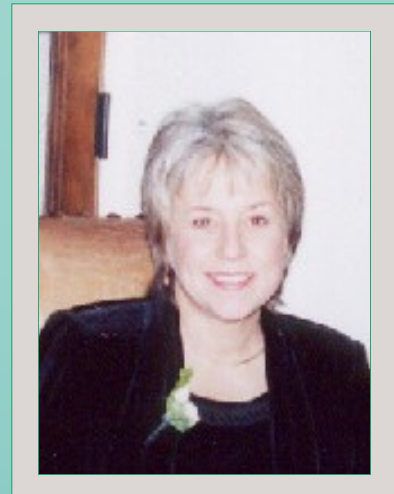
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From The Manager

Dear Members,

We have had a couple of Technical Talks in our new room on the 4th floor and I think it is working out well. We packed them in for the horizontal talk by Source Energy and it is nice to be able to leave the room open as long as people want to sit around and visit with the speakers or each other. We presently have only a few of the chairs in that we ordered but all chairs and hopefully some tables will be added to the room by the middle of March.

We also had the WSU Geology Club use the room on a Friday evening for one of their activities. If you have need of a room for something geology related, please call me and we can discuss use of the facility. We are also adding internet and cable so we can have even more versatility.



Those of you who come into the library on a regular basis may have noticed the sign that states we are no longer printing out the newer logs for the file because we are out of room in the files. We want it to be convenient for you so if you need a log or logs printed for your use while in the library working, just ask any staff member and we will print the log out. You will not have to buy it, but can use it in the library just like any log you would pull from the files. We will then add it to the files for permanent use. We have made the Walters Digital Library open to everyone so they can look and see what logs we have digitally (just can't see the big picture of the log unless you are a member). All you have to do is log in as our guest—instructions to do that are on the web page.

We are not going to have a booth at AAPG this year but we will have good representation by our President, Brian Fisher, our delegates Bob Cowdery and Doug Davis and I am sure others will be there as well.

Bring on the warm weather and happy drilling everyone!

Respectfully submitted,

Rebecca Radford

Manager



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Honorary Profile - Kent Crisler

This year the Kansas Geological Society is honoring one of its outstanding members who, with others, contribute to making it the fine professional organization that it is.

Kent was born in 1950 In Wellington, Kansas. He has a younger brother and sister residing in the Wellington area. He attended grades 1 through 5 in Corbin located to the south of Wellington and the grades 6 through 8 in Perth, also to the south of Wellington. He graduated from Wellington High School in 1968.

Kent joined the United States Army in 1969. He trained at Ft. Polk Louisiana, and later took Helicopter training at Ft. Walters, Texas. This was followed by advanced Helicopter training at Ft. Rucker Alabama. He was then shipped to Viet Nam where he was involved in combat during the Viet Nam War. Kent was discharged in August 1971.

In December of 1971, he married Jeanette Stover. They have five children: Megan, Hilary, Jessie, Gracie, and Seth. They also are the proud grandparents of 8 granddaughters. Kent enrolled in Kansas University in 1972 as a Geology Major and graduated in 1977. During 1976 he participated in an exploration program for Uranium in Antarctica.

After graduation, Kent's first employment as a geologist was with Beren Corporation. He was employed there from 1977 until 1979. It was during this period that he joined the Kansas Geological Society, an organization that he was destined to become President of in 2000. In 1979 he was employed by Gear Petroleum. He remained at Gear until 1993. From 1993 until 1996 he was a geologist at Pickrell Drilling Company. He became a Consultant in Wichita and remained so until 2013, at which time he joined Abercrombie Energy.

Kent has not only served as President of the Kansas Geological Society, but has also served on many committees over the years. He faithfully helps put on the KGS Clay shoot each year. He has served as an Advisor to the Board on more than one occasion. And even when not serving in that capacity, Kent's advice is often sought after, as he gives good advice. Probably one of the largest contributions that Kent has made to the Society was to oversee it on a daily basis while the Society and Library operated without a manager. This took place while Kent was also serving as President which means he gave numerous hours to this Society.



Crisler



KU FIELD CAMP 1976

This very short profile doesn't start to cover a very active career and the contributions that Kent has made to KGS and to exploration in Kansas.

Banquet Photos

Kent Crisler receiving his Golden Hammer



Dave Clothier receiving his Past President's Pin & Hammer



Sal Mazzullo receiving the Earth Science Teacher of the Year Award from Debra FitzGerald on behalf of the Kansas Geological Foundation



Bob Cowdery being honored by the Kansas Geological Foundation by establishing a Geology Scholarship for Kansas students in his name



Look for more banquet photos throughout the publication

Kansas Geological Society Board Minutes

The monthly meeting of the Board of Directors of the Kansas Geological Society was held on **December 10th, 2013** at the Wichita Petroleum Club.

CALL TO ORDER- Mr. Clothier called the meeting to order at 11:45 AM.

PRESIDENT'S STATEMENT- Mr. Clothier welcomed all Board members and gave a summary of upcoming Kansas Geological Society events and activities.

SOCIETY ACTIVITIES/EVENTS/UPDATES

- A. December 11 Suppliers Party at Petroleum Club
- B. December 17 – Tech Talk, “Legal Issues for Geologists”
- C. December 17 – Annual Business Meeting following the tech talk
- D. December 24, 25th – Library closed for Christmas Holiday
- E. January 24 – KGS Annual Banquet

APPROVAL OF MINUTES- The November 12th, 2013 minutes were reviewed and approved (11:51 AM).

FINANCIAL REPORT/MANAGERS REPORT

- A. **Treasurer's Report-** Mrs. Rebecca Radford presented us with the Treasurer's report for November 2013 at 11:53 AM. She reported that the current CD's earned an estimated \$463.74 interest.
- B. **Manager's Report-** Mrs. Radford presented the Manager's Report for November 2013 at 12:30 PM. Monthly income was \$113,919.62, a strong month. Expenses were \$88,531.91, making a net gain of \$25,387.71 for the month, and \$148,842.54 YTD. The report shows 252 Walters Digital Library members. The Digital Library earned \$25,047.73 in November after expenses. This report was approved at 12:50 PM.

OLD BUSINESS

- A. Brian Fisher discussed the difficulties in finding new speakers for the tech talks. Hard to compete with Bob Cowdery's experience. We need a new chairman for the talks.
- B. The January 3rd slot for the tech talk is still open.
- C. Future tech talks will be held in the KGS building in the Wisdom Room. Should be one hundred new chairs. We need a new projector, screen, and podium.
- D. We have a new three year lease.
- E. Elections have been held, and all new positions have been filled.

NEW BUSINESS

- A. A new Orvie Howell memorial was discussed.
- B. Tim Hellman moved to maintain the \$30,000 contribution to the Foundation. Motion was passed, 1:30 PM.

ADJOURNMENT- Motion made and passed. Mr. Clothier adjourned the meeting at 1:31 PM.

Respectfully submitted,

Paul Ramondetta
Secretary

Kansas Geological Society Board Minutes

The monthly meeting of the Board of Directors of the Kansas Geological Society was held on **January 14, 2014** at the Wichita Petroleum Club.

CALL TO ORDER - Brian Fisher called the meeting to order at 11:40 AM.

PRESIDENT'S STATEMENT – Mr. Fisher welcomed board members and gave summary of upcoming KGS events and activities.

FINANCIAL REPORT/MANAGERS REPORT

A. Treasurer's Report- Mrs. Rebecca Radford presented the Treasurer's report for December on behalf of Mr. Bob Bayer. She reported interest accrued from CD's at \$759.03 for the month of December and total of \$5,080.59 interest gained for 2013. She additionally noted that the Relianz Bank CD will come due 6/5/2014. KGS Funds are currently in cash and CDs so they would be readily available for potential building expenditure. Since that has been resolved, monies should be moved to secure investments with a higher rate of return. Frank Mize moved to accept the Treasurer's Report, Tim Hellman seconded, and the vote carried.

B. Manager's Report- Mrs. Rebecca Radford presented the Manager's Report for December. December was a strong month for library. It was noted that cost of chairs for Wisdom Center were paid from Digital Library checking account. Total income for the month was \$75,388.71, with expenditures of \$88,662.78, thus creating a net loss of \$13,274.07. The year to date gain is \$135,568.47. The Walters Digital Library report shows current membership of 254 members. The Digital Library had a net loss of \$10,007.70 after expenses in December with the year to date gain of \$126,779.55. Manager's report was approved at 12:30 PM.

OLD BUSINESS

A. Tech Talk Committee- Dave Clothier will serve as chair for the Tech Talk committee. Additional members include Bob Cowdery, Hiram Lewis, and Sonja McDanel.

B. New Location for Tech Talks- Beginning this month Tech Talks will convene on the 4th Floor of the KSG Library Building in the Wisdom Center. Chairs have been purchased, as well as a projector, screen and podium. No additional rent will be required for use of the room. Tim Hellman discussed adding the equipment in the room to our insurance policy, Rebecca Radford will take care of this.

C. President's Day Holiday for library staff- (Conducted via email on January 2, 2014) Rebecca Radford submitted a request to add President's Day as a KGS staff holiday. Immediate action was needed to accommodate publication of the Bulletin. The motion to approve said request was made by David Clothier and seconded by Frank Mize. Motion carried unanimously through email vote.

NEW BUSINESS

A. Appointment of Director – (Conducted via email on January 7, 2014) Motion made by David Clothier to elect Tim Hellman as replacement director for Frank Mize, who now holds position of President-Elect. Seconded by Ted McHenry. Motion carried unanimously by email vote.

B. Confirm supporting library members- Vote needed to confirm Don Graber and Lee Raymond as supporting members. Tim Hellman made motion to confirm, seconded by Frank Mize and motion passed unanimously.

C. Waive library fee- Vote needed to waive library fee for Ted Jochems for his service. Motion made by Tim Hellman and seconded by Frank Mize. Motion carried unanimously.

D. Purchases for Library and Tech Talk Facility- Chairs, projector, screen and podium have been purchased. Looking into size and number of tables to purchase. Also considering purchasing a refrigerator for the Library and moving the current one to the Wisdom Center for use.

E. Vote on AAPG Delegates- Vote needed to approve Doug Davis and Bob Cowdery to serve as AAPG Delegates from 7/1/2014 through 6/30/2018. Motion made by Fran Mize and seconded by Tim Hellman. Motion carried unanimously.

F. Booth for Houston AAPG Convention April 5-9- Rebecca Radford discussed whether we should have a booth. Cost would be about \$4000. Decided to have literature and posters displayed in the Kansas Geological Survey booth and not have a booth of our own.

G. Board to Meet with Financial Advisors- KGS currently has too much cash and low return investments (CD's) due to recent negotiations for building space. Board will listen to recommendations of 2 financial advisors and determine better investment options for funds. These meetings will be held outside of normal board meetings, with a follow-up meeting to determine course of action.

VII. ADJOURNMENT

Motion to adjourn made by Frank Mize and seconded by Tim Hellman. Meeting adjourned by Brian Fisher at 1:19 PM.

Respectfully submitted,
Leah A. Kasten
Secretary



Crowd shot: forefront is the Crisler clan



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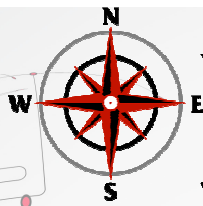
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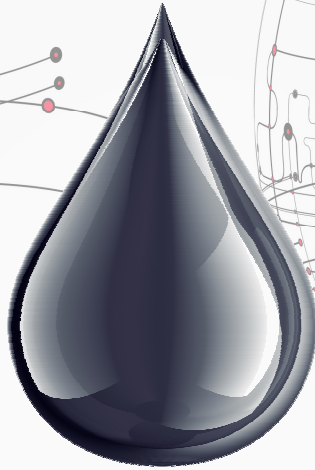




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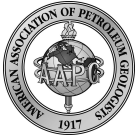
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Past KGS Presidents who were attending this year's banquet

Memorials

Richard Larry “Dick” Shields, 89 of Russell, Kansas died Friday evening, February 14, 2014 at Main Street Manor in Russell. Dick was born November 22, 1924 in El Dorado, Kansas the son of R.H. “Dick” and Mabel (Mosier) Shields. He grew up in El Dorado and graduated from El Dorado High School. He then enlisted in the U.S. Air Corp during WWII. He was a 2nd Lieutenant and pilot of a B-17. After the war, he attended the University of Kansas where he graduated as a Petroleum Geologist in 1948.

Dick was united in marriage to Patricia Gore on October 7, 1945. This union was blessed with two daughters, Sue and Lynn. Patricia preceded him in death on March 9, 1996. Dick was united in marriage to Geraldine Lennox on October 1, 1996. In 1949, Dick joined Shields Oil Producers as a partner with his brother Robert. Together, they formed Shields Drilling Company in 1950. Dick served as Exploration Manager and Vice-President of both firms until Robert’s death in 1973 when he took over as President and General Manager.

Dick was a member of the American Assoc. of Petroleum Geologists, Kansas Geological Society, Kansas Independent Oil & Gas Assoc. Past Director and Executive Board, Past Director of Independent Petroleum Assoc. of America, Russell Chamber of Commerce, 1st Congregational Church, International Assoc. of Drilling Contractors, Russell School Board Dist. 5, City of Russell Planning Commission, Masonic Lodge, Consistory and Shrine, Director of Elks Lodge Building, Life member of American Legion Post #99, Life member of Russell V.F.W. Post #6240, University of Kansas Geology Assoc. Board, Chancellors Club and Williams Fund, Oil Patch Museum Board, American Geological Institute, West Central Kansas Assoc. and Russell Regional Hospital Board. He was elected to the Kansas Oil & Gas Pioneer Hall of Fame in 1992. He was very active in community civic activities, tending his garden and playing golf.

Surviving family include his wife of 17 years, Jerry of the home; two daughters, Sue Watson (Kurt) of Andover, Kansas and Lynn Johnston of Wichita, Kansas; step daughter, Katherine Lennox of Chicago, Illinois; five grandchildren, Crystal Johnston, Christopher Johnston (Laura), Casey Meinhardt (Grant), Kelly Muther (Peter) and Brett Watson (Claire); and 11 great grandchildren. He was preceded in death by his parents, wife Patti, brother, Robert Shields and sister, Maxine Burton.

Services were held February 20, 2014 at Trinity United Methodist Church of Russell. Memorial has been established with the Russell Regional Hospital. Contributions may be sent to Pohlman-Varner-Peeler Mortuary, Russell, Kansas.



Robert Brian Thompson, “Robbie,” 56, of Council Grove went to be with the Lord this Christmas morning, December 25, 2013. Robbie was born September 24, 1957 in Wichita Ks to James Wesley and Barbara Jean (Sweeney) Thompson. He graduated from Augusta High School in 1975. He then attended the University of Kansas for his undergraduate. Robbie then transferred to Wichita State University where he received his degree in Geology in 1981.

Robbie met “the most beautiful girl in the world”, the love of his life in June of 1981, Traci Danielle Halcomb. They married later that year December 9, 1981. To this union were two daughters Staci Lynn and Ashley Diane. Robbie spent his early years following college as a Petroleum geologist, where he worked with several family members as his brother, father, and brother in law were all in the oil business at that time. In 1987 he followed a dream and bought the Council Grove Marina which he and Traci owned and operated until 1996. He also worked as a rural mail carrier during this time. In 1995 he went to work for Southern Pacific railroad as a conductor and then as an engineer when Southern Pacific became Union Pacific Railroad. He continued working there until 2007 when he became disabled.

Robbie is preceded in death by his father James Thompson in November of this year and his father in law Gordon Halcomb. Robbie is survived by his wife Traci, of the home. Children, Staci and Eric Swalley, Ashley and Tanner Buchman, all of Council Grove. His mother Barbara Thompson of Wichita, KS. His mother in law Lynn Halcomb of Council Grove. Brother Mark Thompson (Nell) and sister Laura Tuttle (Jeff). Sister in laws Vickie Murray (Ed) and Shelley Parham (Kerry). His “boys” grandsons, Gavin, Kohin, and Sorin Swalley, Jaxon and Drew Buchman, all of Council Grove. Many nieces and nephews, and last but not least his special companion Pooky.

Memorial contributions may be made to Diversicare of Council Grove, for all the wonderful care they provided and may be sent in care of Penwell-Gabel, PO Box 273, Council Grove, KS 66846.

Memorials



Elster, Toby, age 90, passed away January 9, 2014, at the Robert Dole VA Medical Center Hospice. He grew up in Calipatria, in the Imperial Valley of Southern California. He served in [WWII](#) and the [Korean war](#) as a fighter pilot. Graduating from Wichita State University with degrees in Geology and Business, he had a successful career as an explorer of oil and natural gas. He authored books and was a regular contributor to editorials. Toby is survived by brothers Leon and Sam and sister Judy, he is also survived by sons Marc and Louis and daughter Paulette. Funeral services and interment will be held later this year at Arlington National Cemetery. Share memories at watsonfuneral.com.



McCoy, Mary "Faye" Bertholf, 100, died Sun., Feb. 16, 2014. She is survived by her son, John Roger McCoy (Kathy); daughter, Carolyn Waller (Ray); grandchildren, Kevin McCoy (Chris), Keith McCoy, Kenneth McCoy (Sheri), Lance Waller (Alisha), Jay Waller (Jennifer), Becky McCoy; and 16 great-grandchildren. She was a member of Alpha Nu Delta Rho, Chapter FM, PEO and Eastminster Presbyterian Church. In lieu of flowers, memorials may be made to Larksfield Place Health Care Center, 7373 E. 29th St. N., Wichita, KS 67226; or Eastminster Presbyterian Church, 1958 N. Webb Rd., Wichita, KS 67206. www.dlwichita.com

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John Daniels received the Preservation Award from the Kansas Geological Foundation.

Debra FitzGerald presented on behalf of the Foundation.



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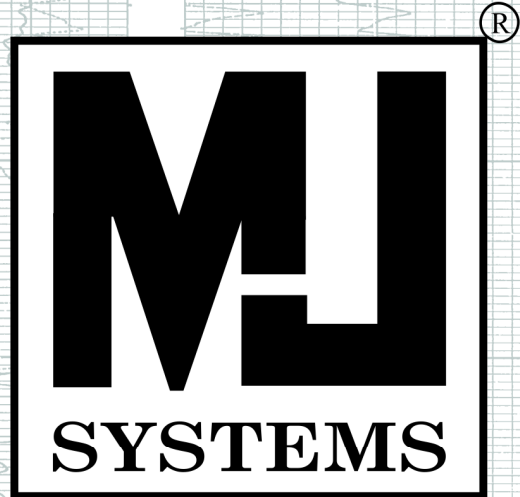


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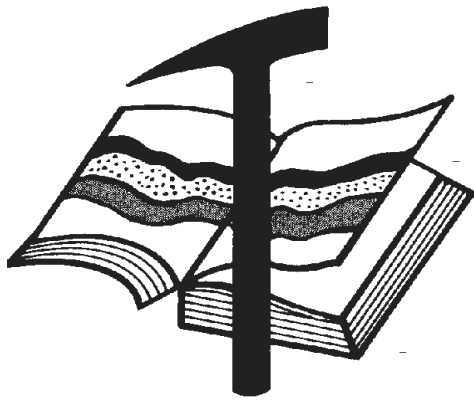
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The Kansas Geological Foundation was founded in March, 1989 as a not-for-profit corporation under the guidelines of section 501(c)(3) of the tax code to provide individuals and corporations the opportunity to further the science of geology. It is dedicated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

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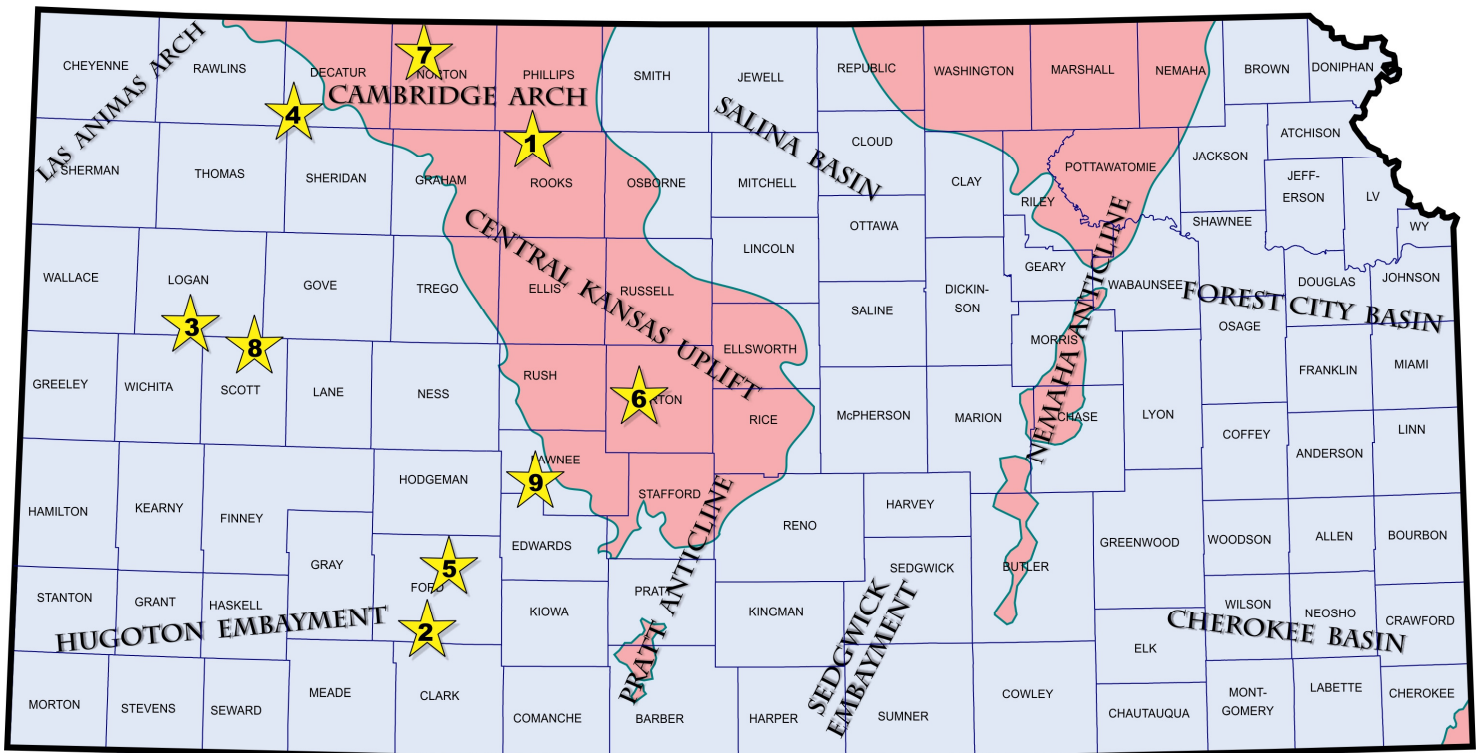
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Exploration Highlights

By John H. Morrison, III
Independent Oil & Gas



1 • Carmen Schmitt, Inc., Great Bend (KS), in association with **Brito Oil Company, Inc.** Wichita (KS), have discovered a new oil field about three miles north and nine miles west of the city of Stockton in **Rooks** County. The 1-33 Griebel - Miller (API 15-163-24143) found oil deposits in the Toronto limestone member of the Shawnee Group at site located in the SW NE NW of section 33- T6s- R19W. The well was drilled into the Arbuckle at a total depth of 3690 ft. Wellsite lies about one and one-half miles north of the 65 year old multipay Locust Grove field. The new field has been named Locust Grove North.

2 • Vincent Oil Corporation, Wichita (KS), is producing natural gas from the Cherokee and Mississippian formations at the 1-17 Shelor (API 15-057-20910), spotted in the SW NE NE of section 17- T29s- R24W, **Ford** County. Operator explored nearly two miles northeast of the Minneola field (Est. 1981, Morrow oil and gas) to find the new reserves. VAL Energy rig drilled the well to a total depth of 5335 ft. The discovery opens the Minneola Northeast field almost six miles north and two miles east of Minneola, Kansas.

3 • Russell Oil, Inc., Edmond (OK), has a new Marmaton oil discovery in **Logan** County with the successful completion of the 34-1 Ken Baker B (API 15-109-21201). The wildcat pool opener was drilled to a total depth of 4760 ft with H2 Drilling tools. The well is producing crude from the Altamont B and C limestone zones. Site is located in the NW SW NW of section 34- T15s- R35W, or about fourteen miles south and one mile west of Russell Springs, Kansas. Closest existing production is found over one and one-half miles to the northwest the Baker B discovery in the Dirks field, which has produced oil from the Marmaton formation since 1981. Russell Oil's new find has been designated as the Dirks Southeast pool opener.

4 • Murfin Drilling Company, Inc., Wichita (KS), has discovered new Lansing - Kansas City oil reserves in the southwest

corner of **Decatur** County. The 1-7 Juenemann (API 15-039-21186) was drilled to a total depth of 4603 ft in the SE NE NE of section 7- T5s- R30W. The well found the new reserves nearly one and one-quarter miles southeast of established LKC and Cherokee oil production in the Elna Northeast field (Est. 2012), which runs along the Rawlins County - Decatur County line. The new Elna East field is located sixteen miles west of Dresden, Kansas.

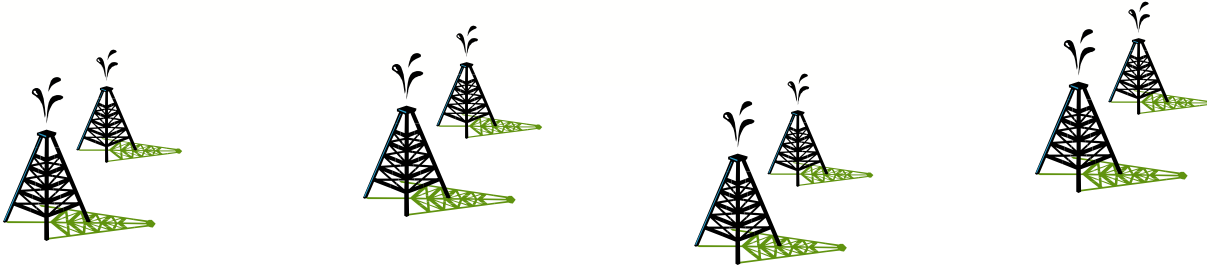
5 • Ritchie Exploration, Inc., Wichita (KS), has pumped nearly 482 barrels of oil in the first month while on production at the 1 Galen Durler (API 15-057-20906), spotted in the SE SW SE of section 14- T26s- R23W, **Ford** County. The well is producing oil from the Atoka formation and opens the Nau Northwest oil field two miles northwest of Mississippian oil production in the Nau field (Est. 2003). Discovery site lies over three miles from other known Atoka production in the vicinity, which is located in the Raccoon field (Est. 2010) to the northeast of Ritchie's latest find. The well was bottomed at a total depth of 5120 ft. The new field is located about four miles south and two miles west of Spearville, Kansas.

6 • L.D. Drilling, Inc., Great Bend (KS), reports a new Arbuckle oil discovery in central **Barton** county nearly four and one-half miles southwest of the town of Hoisington, Kansas. Oil deposits were found at the 1-22 Loreatta Polzin Trust (API 15-009-25894) that was drilled to a total depth of 3550 ft in the SW NE SW of section 22- T18s- R14W. The Polzin Trust well is producing oil three-quarter mile southeast of L.D. Drilling's 1-21 FB (API 15-009-25826), also an Arbuckle oil discovery, which established the Laud West field in April last year in the NE/4 of section 21- T18s- R14W. The Laud West field has produced over 17,300 barrels of oil from three producing wells since its founding. L.D.'s new oil field has been named Laud Southwest.

7 • **BlueRidge Petroleum Corporation**, Enid (OK), has discovered oil deposits in the Granite Wash formation at their 1-31 Rule (API 15-137-20674), spotted in the NE NW SE of section 31- T2s- R24W, in **Norton County**. The new uThirty-six South pool opener was drilled to a total depth of 3747 ft at site located over one mile northwest of another recent BlueRidge discovery, 1-5 Maddy - Heaton (API 15-137-20642), NE/4 of section 5- T3s- R25W. The Maddy - Heaton well has produced oil from the Lansing - Kansas City formation since June last year, and thus opened the Spring Draw Northwest field. The Gorham and Reagan Sands have been productive nearby in the Thirty-Six oil field located slightly over one mile to the north of BlueRidge's new discovery, however, nearest recognized Granite Wash production lies over seven miles away in the Norton Field. Activity centers in an area about six and one-half miles east of Norcatur, Kansas.

8 • **Mull Drilling Company, Inc.**, Wichita (KS), is producing an undisclosed amount of oil from the Cherokee (Johnson Zone Limestone) at the 1-12 Brown Trust (API 15-171-20932), located in the NE SE SE of section 12- T16s- R32W in **Scott County**, west-central Kansas. The Brown Cliff pool discovery well was drilled to a total depth of 4700 ft by Duke Drilling Rig 4, about twelve miles north and five miles east of Scott City, Kansas. The new oil reserves were found slightly over two miles northwest of production in the recently established Michigan North field (Est. April, 2013) - a new Lansing - Kansas City oil field discovered by Wichita-based **Ritchie Exploration, Inc.** in the SW/4 of section 20- T16s- R31W. Closest Cherokee production from the Brown Trust lease is found over three miles to the southeast in the Michigan field (Est. July, 1974).

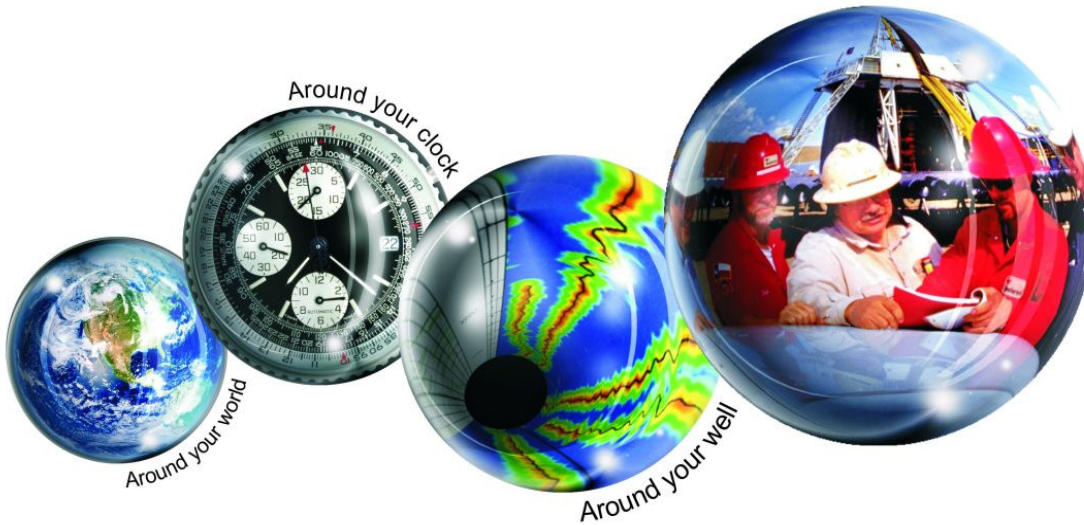
9 • Independent producer **Carmen Schmitt, Inc.**, Great Bend (KS), is flowing an estimated 300 Mcf gas daily at the 1 J-P Unit (API 15-145-21588) wildcat discovery well in western **Pawnee County**. Located in the NW NW NW of section 10- T22s- R19W, the well found rare gas reserves in the Pawnee Limestone member of the Marmaton Group in a remote area of the county where mainly Chase, Cherokee and Mississippian gas production exists. Top of the Pawnee formation was logged at 4132 (2042 kb). No perforation depth was reported. The well started producing in August last year and has a cumulative volume of over 14,188 Mcf of gas produced in the first two months. Well site lies about two and one-quarter miles south of Rozel, Kansas. The field has been given the name Keysville.



Our 2014 President, Brian Fisher, addressing the crowd at Banquet

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| George Bruce | 08/89 | 1990 | Robert W. Frensley | 12/01 | 2002 |
| Robert Gebhart | 01/90 | 1990 | Gerald W. Zorger | 01/02 | 2002 |
| Ray Anderson, Jr. | 11/90 | 1990 | Don L. Calvin | 03/02 | 2002 |
| Harold McNeil | 03/91 | 1991 | Claud Sheats | 02/02 | 2002 |
| Millard W. Smith | 08/91 | 1991 | Merle Britting | 2002 | 2002 |
| Clinton Engstrand | 09/91 | 1991 | Harold Trapp | 11/02 | 2002 |
| M.F. "Ted" Bear | 10/91 | 1991 | Donald M. Brown | 11/02 | 2003 |
| James & Kathryn Gould | 11/91 | 1991 | Elwyn Nagel | 03/03 | 2003 |
| E. Gail Carpenter | 06/91 | 1993 | Robert Noll | 09/03 | 2003 |
| Benton Brooks | 09/92 | 1992 | Benny Singleton | 09/03 | 2003 |
| Robert C. Armstrong | 01/93 | 1993 | Jay Dirks | 2003 | 2003 |
| Nancy Lorenz | 02/93 | 1993 | J. Mark Richardson | 02/04 | 2004 |
| Norman R. Stewart | 07/93 | 1993 | John "Jack" Barwick | 02/01 | 2004 |
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| J. George Klein | 07/94 | 1994 | Ruth Bell Steinberg | 2004 | 2004 |
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| James D. Davies | 08/88 | 1997 | Eldon Frazey | 04/07 | 2007 |
| R. Kenneth Smith | 04/97 | 1997 | Pete Amstutz | 05/07 | 2007 |
| Robert L. Dilts | 05/97 | 1997 | Charles Spradlin | 05/07 | 2007 |
| Delmer L. Powers | 06/72 | 1997 | Donald R. "Bob" Douglass | 09/07 | 2007 |
| Gene Falkowski | 11/97 | 1997 | Vincent Hiesch | 11/07 | 2007 |
| Arthur (Bill) Jacques | 01/98 | 1998 | Glen C. Thrasher | 03/08 | 2008 |
| Bus Woods | 01/98 | 1998 | Peg Walters | 06/08 | 2008 |
| Frank M. Brooks | 03/98 | 1998 | Theodore "Ted" Sandberg | 07/08 | 2008 |
| Robert F. Walters | 04/98 | 1998 | James Ralstin | 11/08 | 2008 |
| Stephen Powell | 04/98 | 1998 | Earl Brandt | 04/09 | 2009 |
| Deane Jirrels | 05/98 | 1998 | Walter DeLozier | 05/09 | 2009 |
| William G. Iversen | 07/98 | 1998 | Don D. Strong | 01/10 | 2010 |
| Ann E. Watchous | 08/98 | 1998 | John Stone | 02/10 | 2010 |
| W.R. "Bill" Murfin | 09/98 | 1998 | Craig Caulk | 03/10 | 2010 |
| Donald L. Hellar | 11/98 | 1998 | Joseph E. Moreland, Jr. | 03/10 | 2010 |
| Joseph E. Rakaskas | 01/99 | 1999 | Gene Garmon | 03/10 | 2010 |
| Charles W. Steincamp | 02/99 | 1999 | James F. Dilts | 05/10 | 2010 |
| Robert and Betty Glover | 10/96 | 1998 | Jerry Pike | 05/10 | 2010 |
| Howard E. Schwerdtfeger | 11/98 | 1999 | Donald Hollar | 06/10 | 2010 |
| W. W. "Brick" Wakefield | 03/99 | 1999 | Delbert Costa | 08/10 | 2010 |
| V. Richard Hoover | 01/00 | 2000 | John Tanner | 08/10 | 2010 |
| Warren E. Tomlinson | 01/00 | 2000 | William (Bill) Owen | 09/10 | 2010 |
| James A. Morris | 01/00 | 2000 | Harold (Hal) Brown | 10/10 | 2010 |
| Eric H. Jager | 03/00 | 2000 | Edmund G. Lorenz | 11/10 | 2010 |
| Kenneth W. Johnson | 03/00 | 2000 | Thomas E. Black | 05/11 | 2011 |
| Dean C. Schaake | 03/00 | 2000 | Wayne E. Walcher | 07/11 | 2011 |
| Fred S. Lillibridge | 05/00 | 2000 | Henry F. Filson | 07/11 | 2011 |
| Jerry A. Langrehr | 07/00 | 2000 | Thomas Ray | 07/11 | 2011 |
| Clark A. Roach | 07/00 | 2000 | Edgar E. Smith | 09/11 | 2012 |
| Floyd W. "Bud" Mallonee | 10/00 | 2000 | Marilyn Messinger | 06/13 | 2013 |
| Ralph W. Ruuwe | 09/00 | 2000 | Micheal Mitchell | 9/13 | 2013 |
| Robert L. Slamal | 02/01 | 2001 | Orvie Howell | 11/13 | 2013 |
| Jerold E. Jespersion | 06/01 | 2001 | James Thompson | 11/13 | 2013 |
| William A. Sladek | 06/01 | 2001 | Dick Rowland | 9/13 | 2014 |
| Harlan B. Dixon | 06/01 | 2001 | | | |



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KGS BULLETIN
 March—April 2014

March 2014

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|----------------------------|---|---------------------------------|----------------------|--|-----------------|-----|
| | | | | | | 1 |
| 2 | 3 | 4 Tech Talk | 5 | 6 | 7 | 8 |
| 9 Daylight Savings Time | 10 | 11 KGS Board Mtg. | 12 KGF Board Mtg. | 13 | 14 | 15 |
| 16 | 17  | 18 | 19 | 20 It's Spring!  | 21 | 22 |
| 23 | 24 | 25 Geograhix User Group Mtg. | 26 | 27 | 28 Tech Talk | 29 |
| 30 | 31 | | | | | |

April 2014

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---------------------|----------------------|-----------------|-----|-----|-----|-----|
| | | 1 Tech Talk | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| AAPG Houston | | | | | | |
| 13 | 14 KGS Board Mtg. | 15 Tech Talk | 16 | 17 | 18 | 19 |
| 20 Easter Sunday | 21 | 22 Tech Talk | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | | | |