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KANSAS GEOLOGICAL SOCIETY

# BULLETIN

Volume 82 Number 4

July—August 2007

## **IN THIS ISSUE**

Geo-Scenes

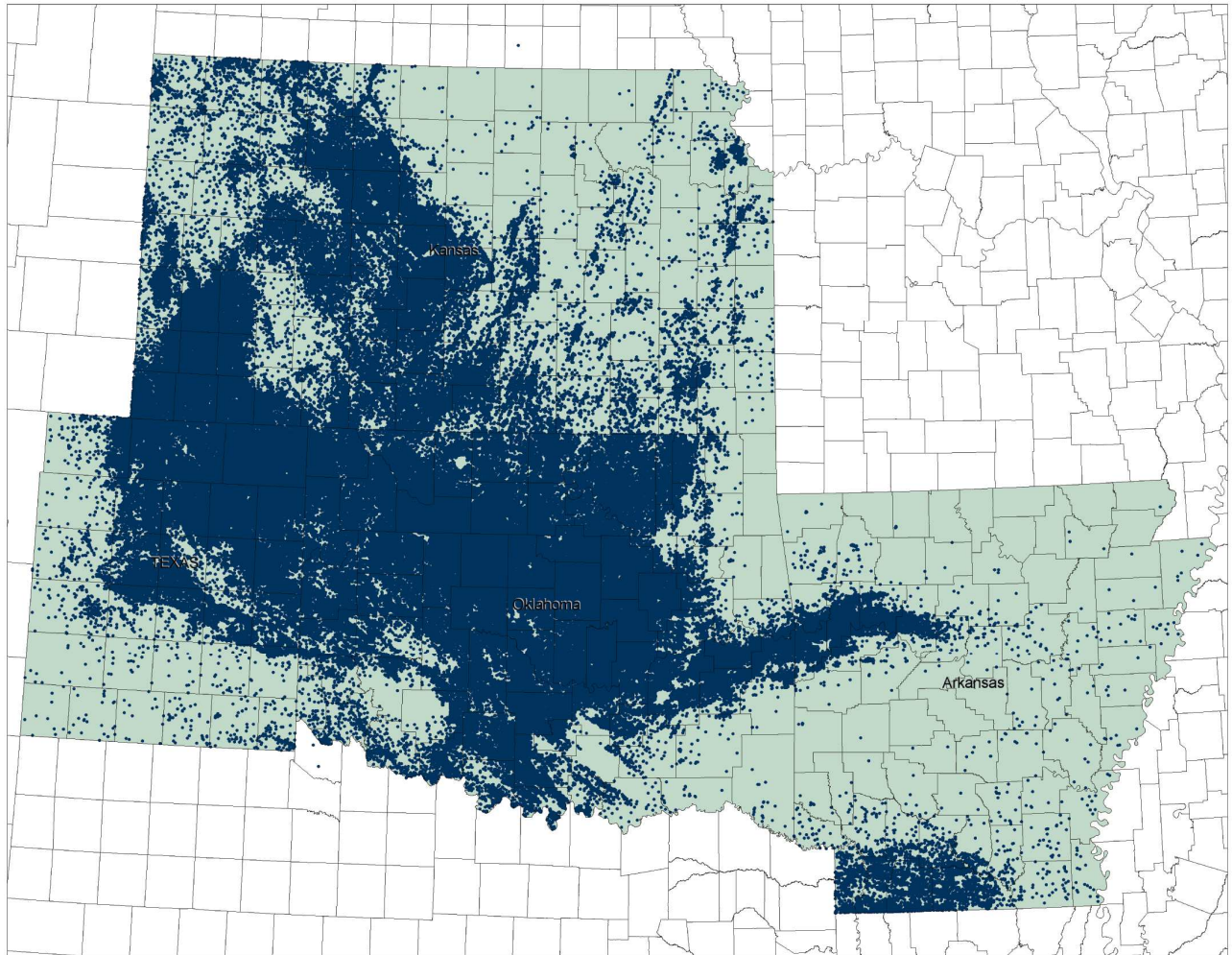
Member Profile:

**Doug Bacon**

## **Mississippian Rocks in Missouri**

Page 10





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# Table of Contents

---

## Geo-Scenes:

<b>Mississippian Rocks in Missouri.....</b>	<b>10</b>
<i>by Sal Mazzullo: Technical Editor, Professor of Geology, WSU and Brian Wilhite</i>	

## Features:

Member Profile:	
Douglas Bacon .....	12

## Departments & Columns:

<b>President's Letter .....</b>	<b>7</b>
<b>From the Manager.....</b>	<b>9</b>
<b>CD's &amp; DVD's .....</b>	<b>24</b>
<b>Professional Directory .....</b>	<b>19</b>
<b>Advertiser's Directory .....</b>	<b>17</b>
<b>KGS Tech Talks .....</b>	<b>6</b>
<b>Kansas Geological Foundation .....</b>	<b>23</b>
<b>Exploration Highlights .....</b>	<b>21</b>
<b>KGF Memorials.....</b>	<b>26</b>

### ON THE COVER:

*Roadcut in SW Missouri showing Kinderhookian and Osagean limestones unconformably overlying Woodford black shale.*

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### CALL FOR PAPERS

The Kansas Geological Society Bulletin, which is published bimonthly both in hard-copy and electronic format, seeks short papers dealing with any aspect of Kansas geology, including petroleum geology, studies of producing oil or gas fields, and outcrop or conceptual studies. Maximum printed length of papers is 5 pages as they appear in the Bulletin, including text, references, figures and/or tables, and figure/table captions. Inquiries regarding manuscripts should be sent to Technical Editor Dr. Sal Mazzullo at [salvatore.mazzullo@wichita.edu](mailto:salvatore.mazzullo@wichita.edu), whose mailing address is Department of Geology, Wichita State University, Wichita, Kansas 67260. Specific guidelines for manuscript submission appear in each issue of the Bulletin, which can also be accessed on-line at the Kansas Geological Society web site at <http://www.kgslibrary.com>

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AAPG

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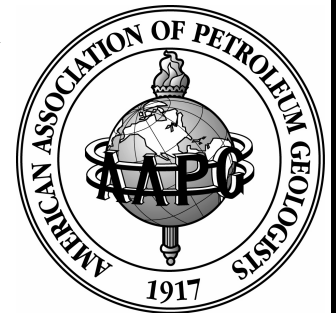
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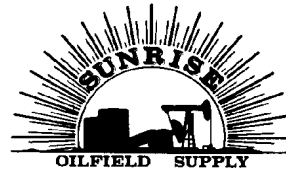
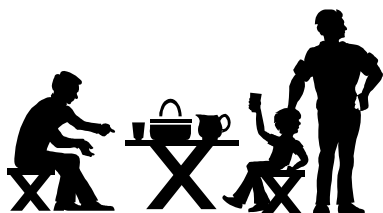


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## **KGS Tech Talks**

*There are no scheduled talks  
For the months of June, July &  
August. We will resume talks in  
September.*

*The fall dates will be :*

*Sept. 17th & 24th*

*Oct. 15, 22, 29*

*Nov. 5, 12, 19*

*Dec. 3, 10, 17*

### ***OTHER TECHNICAL EVENTS:***

*Kansas Next Step is offering  
a seminar in Hays, Kansas  
on August 8th & 9th. For  
information on this please  
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432-NEXT STEP (7837)*

## ***Attention!***

### **New Location for Technical Meetings**

*All KGS technical presentations are held at  
12:30 p.m. at the*

*Wichita Bar Association, located at 225 N.  
Market, ground floor conference room, unless  
otherwise noted.*

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

# President's Letter

---

*Dear Members,*

The Golf tournament was a great success. Special thanks go to the weather committee. They did a fantastic job with moderate temperatures and no rain. Our thanks and kudos to the golf committee and staff who helped and made it all happen. The picnic is in planning and will be at the west 'All Star Sports' facility where it was the year before last. This has the advantage of air conditioned rooms for those of us who are in the "senior" status. It's ever so much nicer to visit and see everyone without breaking a sweat.

By the time you read this, the new software for the Walters Digital Library should be in the "beta" testers hands if not on line and running. I know we have promised this again and again, but this time I think it's real. One of the reasons for our delays has been the effort to integrate the three separate databases for the logs and library data. These databases have been consolidated, cleaned up and accomplished. For example, some 20,000 plus entities listed as operators, really boils down to about 3500, once all the different ways of listing their names are consolidated and corrected. Mr. Tittle assures me that it is faster to address each "issue" with regard to the data and the functionality of the new program, now as it takes longer to implement the system, then have to go back and redo things. He continues to add little bells and toys too, that will make the system even more useful to members. So, bottom line is patience is an economic virtue for us. Mr. Tittle has been up in Wichita for about three weeks installing and finishing the new software.

Bob Cowdery is lining up a great Fall set of talks, and don't forget the Regional AAPG convention here as well as the Fall Geofest at Lawrence for those who need credits for certification...and for the rest of us, for education and fun.

Otherwise the summer is flying by and we will look forward to seeing you at the upcoming events and talks.

Philip M. Knighton





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# From The Manager

---

*Dear Members,*

Busy seems to be the word most heard around the library. And we keep reminding ourselves that being busy is a good thing. The Society has been in talks with the KCC and the Kansas Geological Survey and John Morrison of IOG on how we can best move the new data to each agency in a more timely fashion. Mr. Walt Moody at the KCC has been doing a wonderful job of getting the new data processed at his end and moving on to the rest of us. We are at the moment, swamped with new data and we are gearing up with new equipment and some added part-time employees to get this data into our files in the library, on the Walters Digital Library and moved on to the Survey as fast as we can.



Hopefully when you read this, the new digital software will be up and running. This has been a huge undertaking as we decided to combine the database of the KGS library with the digital database and at the same time, compare it to the Survey's database. This has made the project more time consuming but it will be worth it in the long run and should benefit the Society for years to come. Re-working our KGS database will change how we enter new data, will be much more automated & efficient and will provide us with report functions that many will find useful. We are very excited about these changes. I know for some of you, it seems like a long wait but believe me, it will be worth it!

We have the KGS annual picnic coming up on August 17th. That's the Friday before KIOGA convention so I hope some of you who come into Wichita for KIOGA will add the KGS picnic to your list of things to do for that weekend. We will be going back to All Star Sports West on west 21st street. Please see the flyer in this issue for more details (if you are reading on-line, the flyer is posted under "Events").

The KGS Golf tournament was a great success this year. We had over 160 people play and it was an outstanding day on the course. Thank you to all the committee members, Ron Schraeder, Jerry Mason, Pat Cox and most of all, our two Co-Chairs for the event, Kevin Davis and John Hastings. Good show guys! See photos from the day on page 17.

As we go through the summer, much work is being done to prepare for the AAPG Mid-Continent Section Meeting here in Wichita September 8th—11th. We believe this will be another successful convention so please plan to sign up and attend.

Respectfully submitted,

***Rebecca Radford***

Manager

**Editor's Note:** This new section of the bulletin will periodically feature scenes of geological interest in Kansas and from anywhere else in the world, or for that matter, on other planets in our solar system. All readers are encouraged to submit such images along with short, explanatory captions as illustrated below. Send all submissions via electronic format (images as jpegs, and separately, text in Microsoft Word or WordPerfect format) to the technical editor, Sal Mazzullo, at either [salvatore.mazzullo@wichita.edu](mailto:salvatore.mazzullo@wichita.edu) or [dolomite@cox.net](mailto:dolomite@cox.net).

## Mississippian Outcrop Stratigraphy in Southwestern Missouri

Mississippian strata in the subsurface of Kansas are among the most prolific hydrocarbon reservoirs in the state. Anyone who has ever worked the Miss in Kansas is well aware of the complexities of its stratigraphy and subcropping patterns, and of difficulties correlating from area-to-area or even from well-to-well. Obviously, this short contribution to *GeoScenes* is not going to solve these problems. Rather, in this article we illustrate some typical stratal relations of the Miss and its lithostratigraphy in southwestern Missouri that may or may not be present in the subsurface of Kansas. All stratigraphic terminology discussed herein is from Thompson and Fellows (1969).

In Figure 1 the very organic-rich, thin-bedded Woodford Shale unconformably underlies basal Miss strata. The Woodford is the main source rock of mid-continent petroleum, and here as elsewhere it has a delightful very strong odor of crude oil. The Woodford is overlain by a very thin section of sandy shale that represents the basal Kinderhookian Bachelor Sandstone. In turn, the Bachelor is overlain by the Compton Limestone, which here is a fossiliferous carbonate sand (packstone to grainstone) with abundant crinoids. Elsewhere in southwestern Missouri the Compton instead is a shaly lime mudstone with only scattered fossils. The Compton typically is non-porous. As shown in the photo, there locally are carbonate mud-rich bioherms in the Compton that also are non-porous. These bioherms are not typical "Waulsortian mounds" like those that comprise petroleum reservoirs in north Texas or the presumed mounds that locally are reservoirs in south-central Kansas, although their specific origin is not known. The bioherm is flanked by dipping beds of

fairly coarse-grained, again non-porous, crinoidal carbonate sand (grainstone). Note that the overlying Northview Shale (upper Kinderhookian) thins over the bioherm, and that there is only minor structural expression of the bioherm in the Northview and no indication of structure at all by just a few feet above the base of the Pierson Limestone. The Pierson (basal Osagean) here is fossiliferous carbonate sand (packstone to grainstone), whereas to the north it dominantly is lime mudstone.

The Mississippian in southwestern Missouri locally is underlain unconformably by the Lower Ordovician Cotter Dolomite (Arbuckle-equivalent) as illustrated in Figure 2. This unconformity is mostly a paraconformity, although here it is a low-dip angular unconformity.

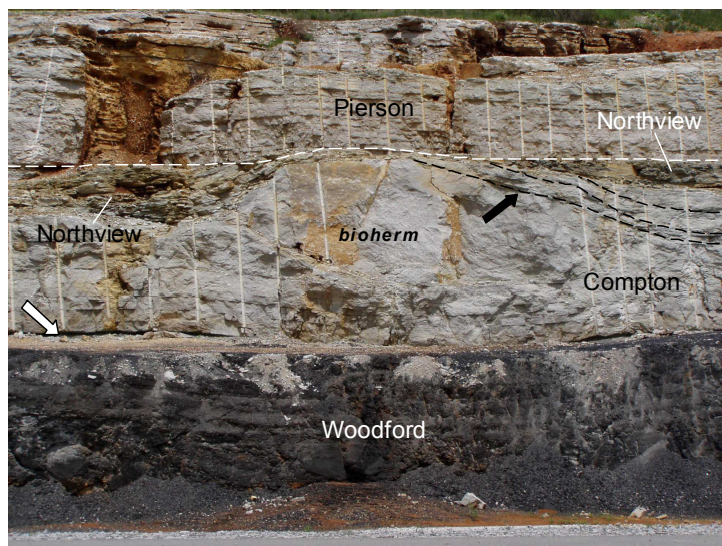


Figure 1. Woodford Shale overlain unconformably by thin Bachelor Sandstone-equivalent (white arrow), Compton Limestone, thin Northview Shale (all of which are Kinderhookian), and lower beds of the Pierson Limestone (basal Osage), the base of which is denoted by a dashed line. Note ~4 ft-thick bioherm in the Compton and its flanking beds (black arrow).

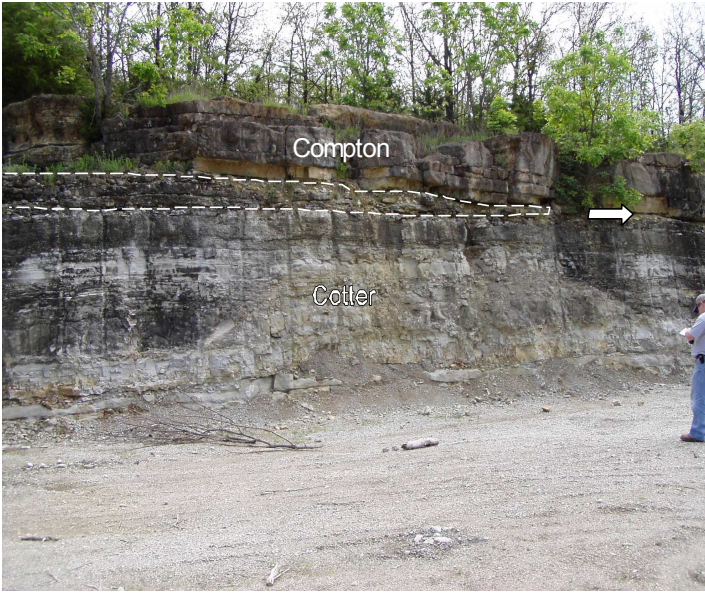


Figure 2. Lower Ordovician Cotter Dolomite overlain unconformably by the very thin Bachelor Sandstone (in narrow recess, white arrow) and the Compton Limestone, both of which are Kinderhookian. Note the erosional truncation of the upper bed of the Cotter (defined by the dashed lines), which represents a low-dip angular unconformity.

**Reference:** *Thompson, T.L. and Fellows, L.D., 1969, Stratigraphy and conodont biostratigraphy of Kinderhookian and Osagean (Lower Mississippian) rocks of southwestern Missouri and adjacent areas; Missouri Geol Survey and Water Resources, Report of Investigations 45, 263 pp.*

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# Member Profile

---

## Douglas Bacon – His Story

Douglas E. Bacon was born June 11, 1925 in Boone, Iowa. His first wife of 40 years, Emily Jane died in 1990 and is the mother of their three children, two sons, S. Douglas Bacon, and Robert Bacon, and one daughter, Barbara Bacon McKeithen (husband Terry) and six grand children, Ashley Bacon, Blair Bacon, Michael Bacon, Chris McKeithen and Corey McKeithen.

Doug and Judith, Doug's present wife, met in a restaurant, June 13, 1996, and in a short time fell in love. Judy and Doug were married May 1, 2004, but were constant companions from the time they first met. Doug gained a new loving family: Judy's daughter, Sharon and three grandchildren, Kristyna, Katerina, and Kendyl Harper. Judy like Doug loved to travel and they traveled the world together.

Doug led a very active life graduating from East High School with honors, in 1943. His parents, Ray and Lola Bacon, lived to the ripe old ages of 95 and 93, respectively. Even though his parents were very poor and Doug had to mow lawns and carry newspapers to pay his own way, he was able to participate in many high school activities such as basketball, ice hockey, tennis and band, becoming Head Drum Major.

Because Doug graduated from East High School in Des Moines, Iowa with honors, Doug earned a scholarship to Buena Vista College in Storm Lake, Iowa from the Des Moines Register and Tribune Newspaper. However, he immediately enlisted in The Marine Corps to serve in World War II, and went through officers' training in Jackson, Mississippi and Quantico, Virginia. While in officers' training in Jackson, Mississippi, Doug served as Drum Major of the Service Band (Interestingly, Johnny Carson was in Jackson, Mississippi at the same time going through Naval training).

Germany surrendered before Doug was deployed, so he went to Camp Lejeune, NC to be part of the reforming of the Marine's 3<sup>rd</sup> Division to invade Japan. Doug was at Camp Lejeune when Japan surrendered ending World War II. He was then stationed in Newfoundland where he formed a precision drill team that performed before many dignitaries. Doug was Honorably Discharged from The Marine Corps after three years of service.

Using the G.I. Bill for World War II veterans, Doug enrolled in the University of Arkansas. He graduated with

Honors with a B.S. and a M.S. degree in Geology in 1948 and 1949, respectively. Upon graduation, he was hired as a Petroleum Geologist by The Atlantic Refining Company in their Wichita, Kansas office. Doug borrowed \$100 for bus fare to report for work with Atlantic, June 1949. He met and married Emily Jane Coghlan. While working in Wichita, Doug sat on the discovery well of the Rattlesnake Field with Fred Anschutz. Doug learned the oil business from the ground up and was transferred to Bismarck, ND as a Petroleum Geologist. While working in Bismarck, he discovered a large oil field for Atlantic in the Williston Basin and was promoted to District Geologist.

Next Doug was transferred to the Atlantic headquarters in Dallas, Texas as Assistant Chief Geologist. He worked in Dallas for about one year, where upon he was transferred to Houston to manage the Geological Department of Houston Oil Co., which Atlantic had acquired. After staying in this position for two and a half years and discovering several oil and gas fields for Atlantic, Doug quit Atlantic to be an Independent Geologist. In December 1960 Doug became very successful as an Independent Geologist discovering numerous oil and gas fields. In the late 1960's he and Norman Bock formed the Bock and Bacon Oil Company. Again, this partnership became successful by discovering and developing a large number of oil and gas fields.

Athletics were a major part of Doug's life. He played basketball and tennis in high school becoming a Des Moines City Doubles Tennis Champion. At one tennis match, he met and dated the now famous actress, Cloris Leachman. Doug played ice hockey for "Paps Blue Ribbon" and played softball for the Citizens Laundry when they won second place in the Arkansas State Tournament in 1947. The sport Doug loved most, however, was handball. He became one of the best handball players in Houston, winning the Seniors Singles Championship of Houston at the age of fifty years young. Because of his love of athletics, Doug became very active in YMCA. In the 1960's and 1970's he was Head of the Physical Committee and served on the Board of Management. After Doug won the handball seniors championship in 1975 he switched back to playing tennis, and in the following years he won many tennis tournaments. In spite of these activities, he also played golf, which he continued to play into his 80's.

While Doug was active in the oil and gas business, he was involved in several professional organizations. He was a member of the American Association of Petroleum

---

Geologists since 1950, served in several positions, and was recognized as a Certified Geologist. He was a Charter Member of the Society of Independent Professional Earth Scientists, started the organization of local chapter, served as National Treasurer, and was on the National Board. He was a member of the Houston Geological Society, South Texas Geological Society, and the West Texas Geological Society. He was a charter member of the Crude Club and served as its President. He also was a member of the Houston Petroleum Club.

Doug earned many honors and was listed in Who's Who, Personalities of the South, and National Social Directory. He was a long time Methodist and for years was active in Park Place Methodist Church.

Doug met and married Emily Jane (E.J.) in 1949. They lived a full, happy, life and were ready to retire. So, in 1982 they bought and moved to a beautiful ranch in the Texas Hill Country just four miles west of the little town of Utopia. They named it Bacon Ranch and it was such an interesting place that Doug wrote a book about it. Spear points and arrowheads found on the ranch indicate that Indians had occupied the property at least 10,000 years ago. There was evidence that dinosaur and other pre-historic species had once roamed its hills and valleys.. Many marine fossils were found indicating it had been covered by water many times over. There was even a gold and silver mine on the ranch. The locals named the ranch "Robbers Roost" because it was rumored that the bad guys would rob the ranches and hide their loot in caves on the ranch.

While living on the ranch, Doug became very active in local Utopia affairs. He not only loved his chosen profession of geology, but also considered himself an amateur archaeologist. Because of this, Doug along with others built and stocked a wonderful museum, which he gave to the town of Utopia. It was named Sabinal Canyon Museum and was rich with the history of the families who settled in the canyon in and around Utopia. In 1990, after forty years of marriage, E.J. died from brain cancer. She was buried on a beautiful hill shaded by an oak tree just outside of Utopia. A few years later, Doug sold Bacon Ranch and moved back to Houston.

Along with his many activities, Doug loves to travel. He has taken over seventy cruises and has seen most of the world either by sea, air, or motor vehicle or some combination of all three.



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Petroleum Geo-Service

Saturday September 8, 2007

### *Opening Session*

September 9, 2007

Speaker: Tim Carr

### *All Convention Luncheon*

**Keynote Speaker**

**USGS Director Mark Myers**

# Golf Tournament Photos

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The golf tournament was a great success this year with beautiful weather and a great turnout. Here are a few photos from the day. The KGS wants to thank all our sponsors which are listed below!



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(Term: President-Elect, 2007-09, President, 2008-09)  
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**Mr. John R. Hogg, Regions Vice President**

MTM Energy  
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Phone: (403) 290-6293, john.hogg@paramountres.com

**Mr. Edward A. (Ted) Beaumont, Secretary**

Independent Consultant  
(Term: 2007-09) Two-Year Term  
Phone: (918) 584-6664, tedbeaumont@gmail.com

**Ms. Gretchen M. Gillis, Editor**

Schlumberger  
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The officers will take office July 1, 2007, joining Mr. Willard R. Green, President, Mrs. Randi S. Martinsen, Treasurer and Mr. Martin D. Hewitt, Chair of the House of Delegates.

---

**Slate of Officer Candidates that will be on the ballot in the  
Spring of 2008:**

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Dr. Ronald A. Nelson—Broken N consulting, Inc.

Sections Vice-president—2008-10  
Mr. David H. Hawk—Energy Analysis & Answers  
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	<i>page</i>
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Kansas Geological Foundation	26
Lockhart Geophysical	21
LogSleuth	25
MBC	4
Murfin Drilling Company, Inc	21
Olsson Associates	10
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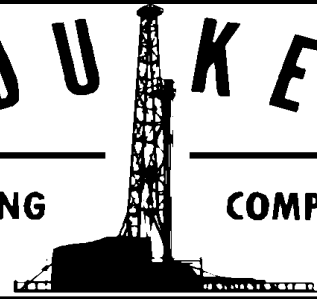
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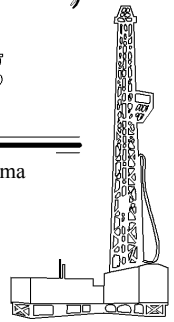
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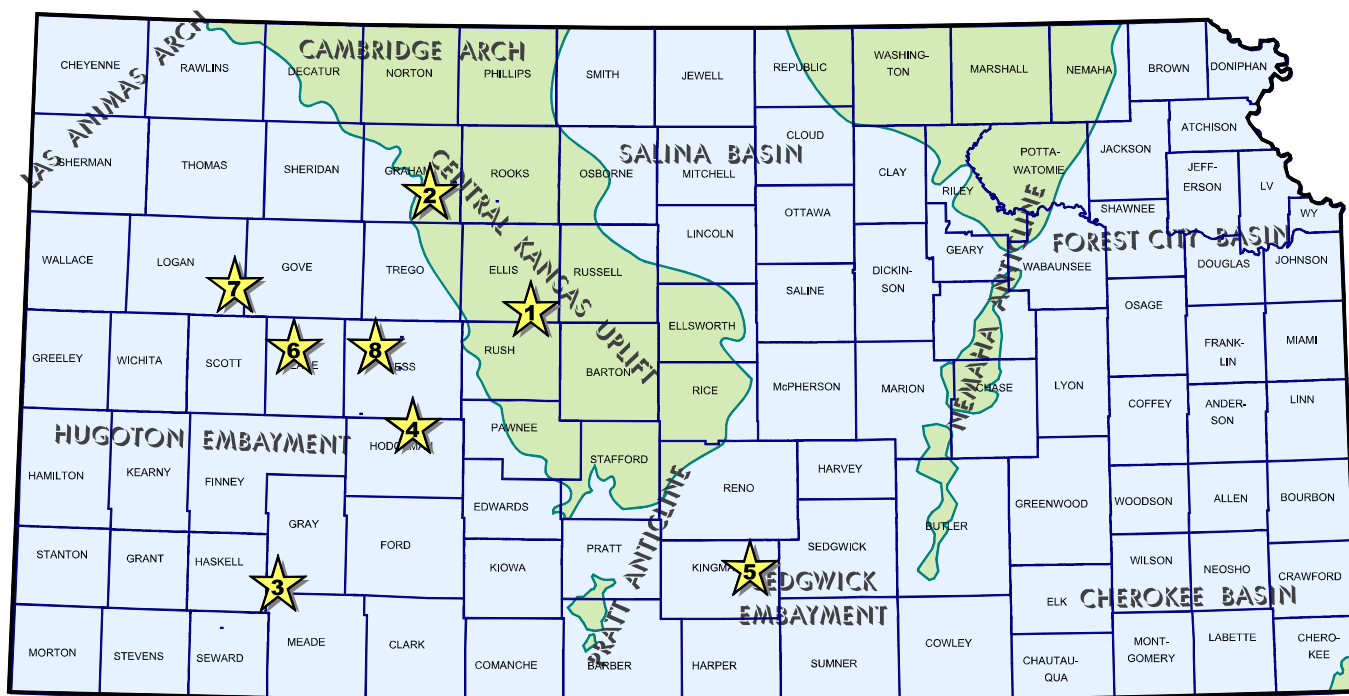
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# Exploration Highlights

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



1) Arbuckle oil deposits have been discovered at a stepout well located slightly over one-half mile northwest of the Wheatland Northeast Field (Lansing-Kansas City oil). Shelby Resources, LLC, of Parker, Colorado, is producing 30 barrels of oil per day, no water, from perforated depth between 3536 to 3539 ft. at the Leiker #1-8, spotted in the SE/4 of section 8- T15s- R17W in Ellis County. Rotary total depth is 3630 ft. Field area lies six miles northeast of Schoenchen, Kansas.

2) The #1 Vesper-Brandyberry, drilled in the NE/4 of section 8- T9s- R22W by Ritchie Exploration, Inc., of Wichita, Kansas, has been put on pump making an undisclosed amount of oil from the Lansing-Kansas City limestones. The 4016 ft. deep Graham County wildcat well found new reserves at site located over one and one-quarter miles west of production in the Wild Horse Creek North (Arbuckle) oil field and is almost six miles southeast of Hill City, Kansas. The new unnamed pool opener was placed on pump on March 20, 2007.

3) Energy Operations Kansas L.P., headquartered in California, is producing an unknown amount of crude oil from the Mississippian Saint Genevieve formation at the Copeland #1-15. The Gray County well is a new pool discovery located over two and

one-half miles south of nearest production in the U. S. 56 Field and is about same distance southeast of the town of Copeland, Kansas. The wildcat well was drilled to a total depth of 5642 ft. at site in the SE/4 of section 15- T29s- R30W. The new field has not been named.

4) New Cherokee Sand oil reserves have been discovered nearly three-quarters mile north of the Bamberger (Mississippian) oil field by Norstar Petroleum, Inc., of Centennial, Colorado. Discovery was made at the Rudzik #1-21 exploratory well that was drilled to a total depth of 4684 ft. in section 21- T21s- R23W. The well was placed on the pump on March 20, 2007 for an undisclosed rate of production. The new unnamed field is located about four and one-half miles northeast of Jetmore community in Hodgeman County.

5) Mississippian gas production has been established at a Kingman County wildcat site located over one mile east of similar pay produced in the Bickel Field by Wichita-based Lario Oil & Gas Company. The Hirt 'B' #1-14, drilled in the NE/4 of section 14- T28s- R6W, is flowing natural gas at an undisclosed volume through perforations. Duke Drilling tools drilled the well to the Viola to a total depth of 4367 ft. Mississippian production comes from around 3800 to 3900 ft. in the area.

Well site is located one-half mile northwest of the town of Murdock, Kansas. The new field has not been named.

6) Raymond Oil Company, Inc., Wichita, Kansas, has expanded oil production over one-half mile north of the multipay Shay Southeast Field with the successful completion of the Munsell #1, located in the SW/4 of section 5- T17s- R29W. The stepout and infield discovery well is on pump making 90 barrels of oil and 30 barrels of water per day from perforations in the Marmaton (Myrick Station) from 4428 to 4434 ft. L. D. Drilling tools were used to bottom the well at a rotary total depth of 4625 ft. First production was established on April 9, 2007 at site three and one-quarter miles east of the town of Healy, Kansas in Lane County.

7) Marmaton oil is currently being pumped at a rate of 110 barrels of oil daily at the Dirks #1 wildcat well, located in the NE/4 of section 12- T14s- R32W in Logan County. Operated by Pioneer Resources, Inc., of Phillipsburg, Kansas, the well establishes what tentatively has been named the Maurice Field. The field is situated over five miles southeast of the Stratford Southwest Field which has produced oil from the Lansing-Kansas City and Cherokee zones since 2006. The Maurice Dirks well was drilled to a total depth of 4715 ft., about three and one-half miles south and nineteen miles east of Russell Springs, Kansas, near the Gove County line.

8) John O. Farmer, Inc., of Russell, Kansas, is producing Mississippian oil at an undisclosed daily rate at the Mishler 'D' #1, which opens a new unnamed oil field two and one-quarter miles southwest of Arnold town site in Ness County. The wildcat well, located in the NW/4 of section 2- T17s- R25W, was drilled to a total depth of 4520 ft. by Discovery Drilling's Rig #3. Closest production in the area lies over three-quarters mile to the west in the Forrester Creek Field where Palomino Petroleum, Inc. produced 32 barrels of oil daily at their #2 Webster discovery well in section 34- T16s- R25W. The well also found pay in the Mississippian formation at a depth between 4490 to 4494 ft.

9) Lansing-Kansas City oil deposits have been discovered by Wichita-based Vincent Oil Corporation at the Hirt Trust #1-28, spotted in the NE/4 of section 28- T29s- R15W in Pratt County. The new pool opener is producing an

unknown amount of crude from the Lansing-Kansas City 'B' limestone. Rotary total depth is 4880 ft. Operator found the new deposits slightly over one mile northeast of the Croft Field, SE/4 of section 36, which they established last year with Simpson oil production. The new unnamed field also lies almost two miles northeast of Vincent's Croft Townsite Field, NW/4 of section 36, that has produced over 137,000 barrels of oil from the Viola formation.

10) Arbuckle oil deposits have been discovered nearly three-quarters mile east of the twenty-five year old Cresson East (Lansing-Kansas city, Arbuckle oil) Field in Rooks County by Ritchie Exploration, Inc., of Wichita, Kansas. Operator placed the Pittman-Baldwin #1 on the pump on March 20, 2007 for an undisclosed rate of production. Well site is located in the NW/4 of section 7- T9s- R19W, about four miles northeast of the town of Palco, Kansas. Rotary total depth was reached at 3639 ft with Berentz Drilling tools. The new field has not been named.

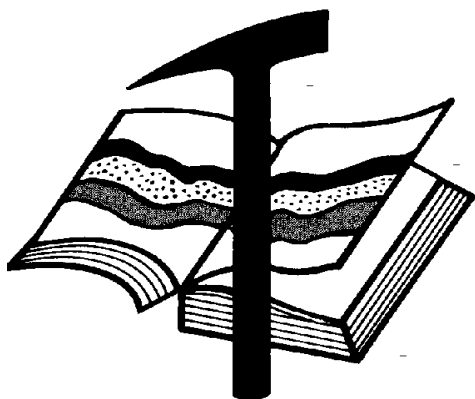


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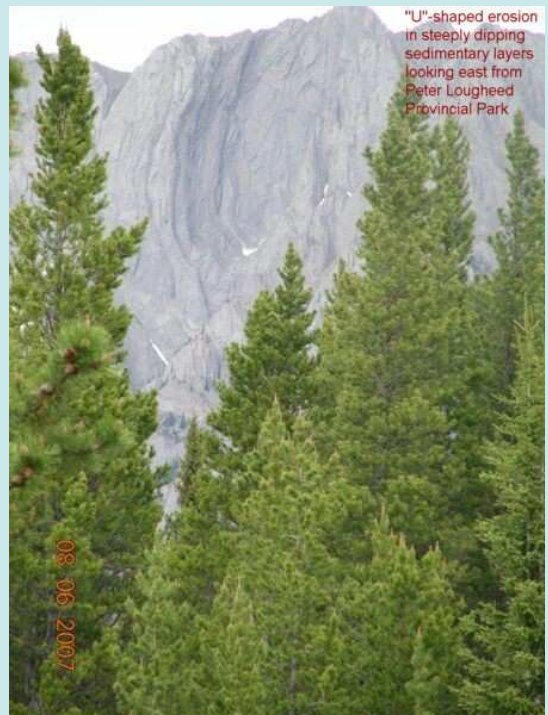
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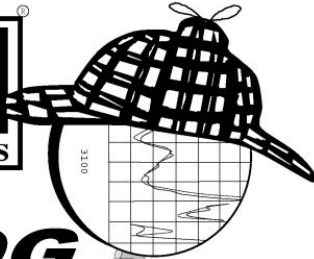
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Vacation photos submitted by Randy Lilak from his family trip to Canada  
( be sure to look at these in the on-line version of the Bulletin, the colors are outstanding!)







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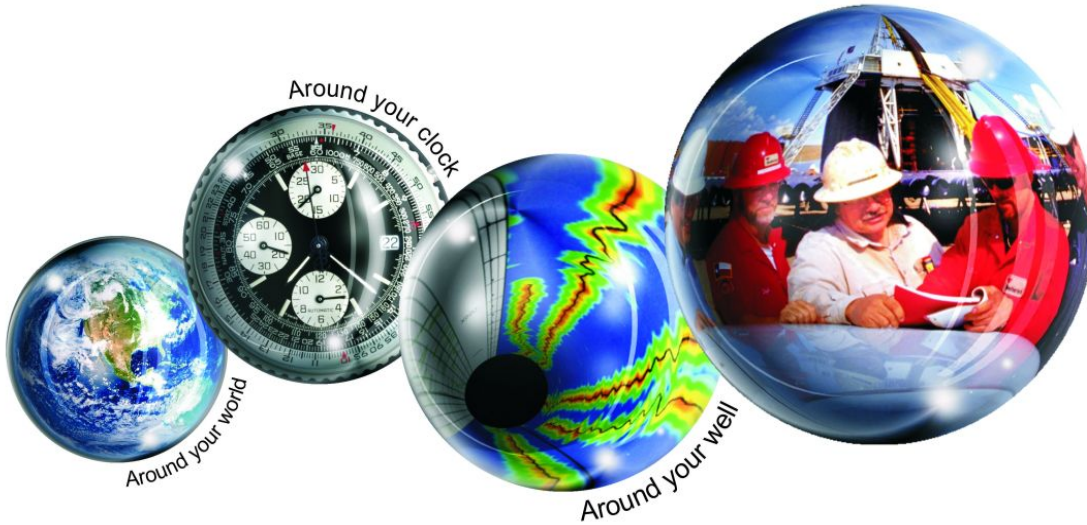
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Raymond M. Goodin	01/97	1997	Richard Roby	03/04	2004
Donald F. Moore	10/92	1997	Ruth Bell Steinberg	2004	2004
Gerald J. Kathol	03/97	1997	Gordon Keen	03/04	2004
James D. Davies	08/88	1997	Lloyd Tarrant	05/04	2004
R. Kenneth Smith	04/97	1997	Robert J. "Rob" Dietterich	08/96	2004
Robert L. Dilts	05/97	1997	Mervyn Mace	12/04	2004
Delmer L. Powers	06/72	1997	Donald Hoy Smith	04/05	2005
Gene Falkowski	11/97	1997	Richard M. Foley	06/05	2005
Arthur (Bill) Jacques	01/98	1998	Wayne Brinegar	06/05	2005
Bus Woods	01/98	1998	Jack Heathman	05/06	2006
Frank M. Brooks	03/98	1998	Charles Kaiser	09/06	2006
Robert F. Walters	04/98	1998	Rod Sweetman	08/06	2006
Stephen Powell	04/98	1998	Karl Becker	10/06	2006
Deane Jirrels	05/98	1998	Frank Hamlin	10/06	2006
William G. Iversen	07/98	1998	Marvin Douglas	12/06	2006
Ann E. Watchous	08/98	1998	Robert W. Hammond	04/07	2007
W.R. "Bill" Murfin	09/98	1998	Eldon Frazey	04/07	2007
Donald L. Hellar	11/98	1998	Pete Amstutz	05/07	2007
Joseph E. Rakaskas	01/99	1999	Charles Spradlin	05/07	2007
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			



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**KGS BULLETIN**  
**July—August 2007**

# July 2007

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10 KGS Board	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

# August 2007

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14 KGS Board	15	16	17 KGS Picnic	18
19	20	21	22	23	24	25
<b>KIOGA Convention Hilton Wichita Airport</b>						
26	27	28	29	30	31	