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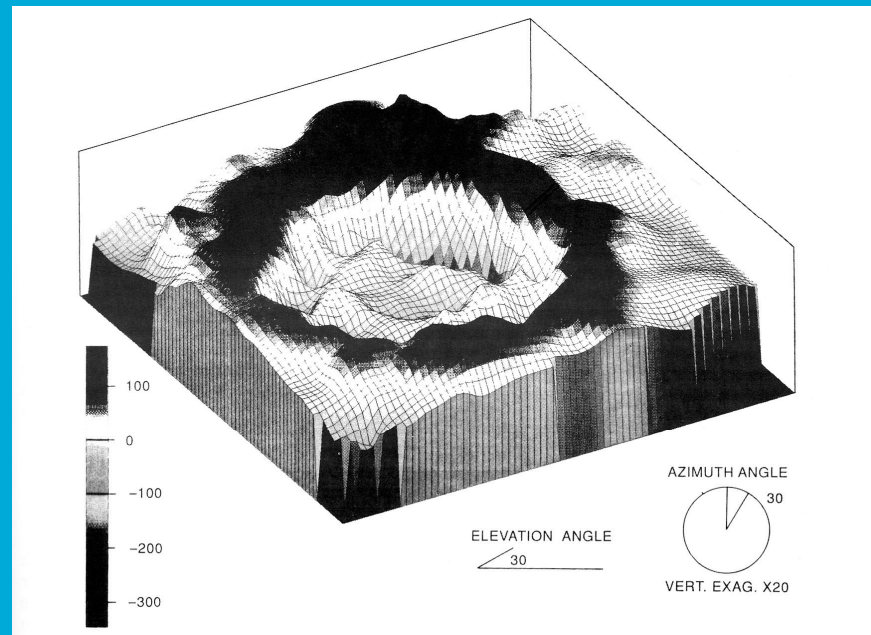
May—June 2008

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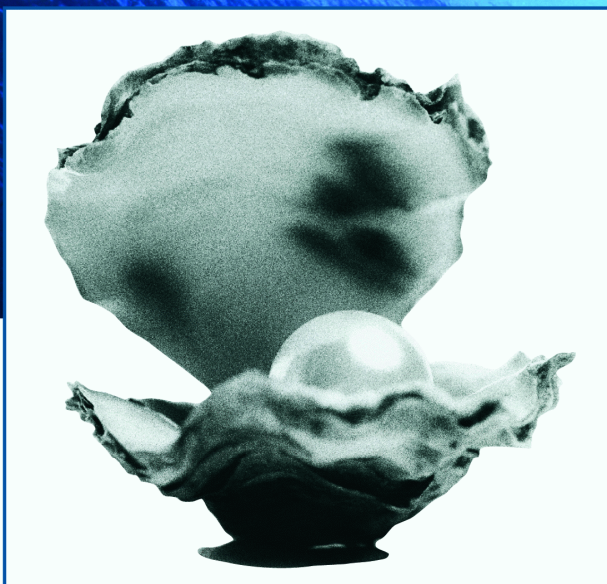
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Ames Impact Crater, Oklahoma

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ON THE COVER:

Computer-generated three-dimensional structure map on the top of the Sylvan Shale (Upper Ordovician) showing the effect of the underlying Ames impact structure. View is elevated 30° above the surface and toward the south-southwest with regional dip removed so that the residual surface more clearly shows the nearly circular shape, a distinct outer rim, and the central low that bears an inner ring of local highs. Vertical exaggeration, 20x. Map control is provided by approximately four penetrations of the Sylvan Shale per square mile. Carpenter, B.N., and Carlson, R., 1997, The Ames Meteorite-Impact Crater, /in/ Johnson, K.S., and Campbell, J.A., editors, 1997, Ames Structure in Northwest Oklahoma and Similar Features: Origin and Petroleum Production (1995 Symposium): Oklahoma Geological Survey Circular 100, pages 104-119. See Dan Merriam's paper on page 14.

CALL FOR PAPERS

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

SOCIETY Technical Meetings

Spring 2008

Please Note: Most Tech Talks Will Be On Tuesdays This Spring

Apr. 29—Dan Hitzman, Tulsa, OK, “Hydrocarbon Microseepage Surveys in Kansas: Reconnaissance to Prospect Evaluation Strategies?”

May 13—Susan Nissen— “3-D Seismic Attributes for Reservoir Characterization”

May 20—Kevin Burke, Frontier Refining— “Refining Market and Changes Over The Past Decades”

May 27—Bob Westermark— “Horizontal Drilling”

*There will be no technical meetings during the summer months.
Meetings will resume in September.*

Attention!

Location for Technical Meetings

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

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



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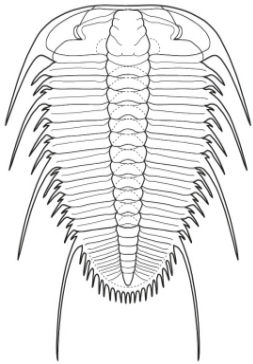
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***Bulletin* committee members and PhD's in
Paleontology are prohibited from entering.**

Plan to tee off on
June 16th
at the
Kansas Geological
Society's Annual Golf
Tournament!

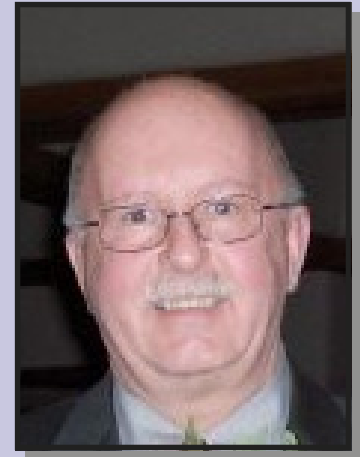
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need of more 5-drawer,
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Contact Rebecca
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(We would take 4-drawer also)
Gifts are always nice but I
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President's Letter



Dear Members,

Here it is April and the sun has not been shining on us with the exception of the oil price. We saw the posted price at \$100 for the first time ever in Kansas; an amazing fact when you think within recent memory the price was \$10. Two weeks ago we were in Kansas City and as I am apt to do, I read the Kansas City Star. It had an interesting article that caught my attention. The article told about the “boom” in parts of Kansas due to the soaring global prices. We are all aware of the activity level and how finding a rig or waiting on certain services has become a part of this business. What I did not realize was a few things the paper compared with Kansas production for 2006. Did you know that Kansas has 43,840 wells with an average daily output of 2.2 barrels per day and Saudi Arabia compares with 1,900 wells with an average daily output of 4,750 barrels per day. Kansas has 23 times as many oil wells but for every barrel Kansas produced, Saudi Arabia produces 100.

After I read further on in the article, I realized the production facts didn't make any difference as the author of the article went on to write about Kansas and the turn around in the economy. In 1999, 6100 people were employed in the business and in 2007 that number has gone to 9100 people. These numbers are from KIOGA so should be reliable.

As I prepare for AAPG it should be kept in mind that life is good, whether it be 2.2 barrels of oil per day average or 4,750 barrels of oil per day. Of course everyone I know, including myself, does not drill for 2.2 barrels a day regardless of the price. The wells may end up there at some point but I think we are doing pretty well.

Increased oil prices, increased employment and increased membership for the KGS all equate to working in a business like no other. As I often hear: “Are we having fun yet?”

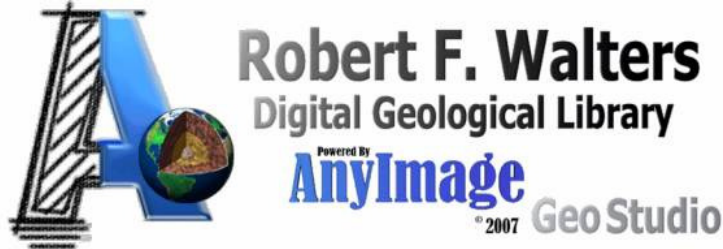
Respectfully submitted,

Ernie Morrison

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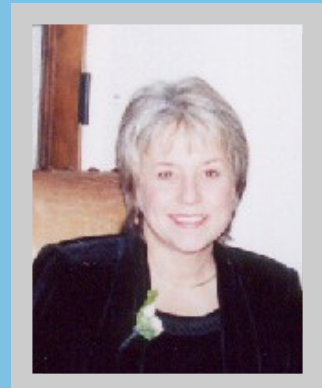
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From The Manager

Dear Members,

Spring has been good to us so far this year. We remain fairly busy in the library and we keep getting more Society and Library members each month. The Society has 668 members as of the end of March. Many of these members go ahead and join the Library as well as the Walters Digital Library. There are several of you however, that have not paid your \$45.00 Society dues. We have now sent out 3 notices and we won't be sending out any more. If you have not paid, you will be removed from the Society membership roster. This is very awkward because some of you have paid for paper library and digital library but not your \$45.00 Society dues. You cannot maintain the other two memberships without the Society membership. Therefore, you may not make use of your other memberships until the Society dues are paid. I will look forward to hearing from some of you regarding this issue.



I am writing this letter prior to going to San Antonio for the AAPG convention but I expect that this will be a very busy convention as the industry just keeps zooming right along. It is always nice to see some of our out-of-town members at convention.

Spring brings us one of our biggest events of the year, the KGS Annual Golf Tournament. David Barker is the chair this year and he has a great day planned for all of you golfers. We will be fed by Pat Kane (if you have never had Pat's cooking you are in for a real treat!). Pat works for Log-Tech and he will be on-site at the golf course cooking from his cooker and I guarantee that it will be good eats! Mark your calendars for June 16th for this event. For more information, look on-line under "events" or see the flyer in this issue of the Bulletin.

May is the month of the annual Spring Mixer for the Foundation. It has been scheduled for Thursday, May 8th. This is always a fun event and we are hoping this year to pick up a few new members to help support the Foundation. This organization does so much to help promote our industry to students and the general public as well as preservation of one-of-a-kind data. Why not make the Kansas Geological Foundation a part of your life by becoming a member? It is totally tax deductible and really does so much good. I personally challenge you to become a member.

Your Library is in dire need of more file cabinets for logs. I always try to buy on the used market if I can find any but with the increase in the oil business nationwide, I am having trouble finding any GOOD, heavy duty 5-drawer log file cabinets. If you know of any.....please let me know!

Respectfully submitted,

Rebecca Radford
Manager



—Submitted by Eldon Schierling

I was born in Hutchinson, Kansas January 21, 1936 to Mildred and Eddie Schierling. I have two brothers, Allen (deceased) and Ronald who lives in Grand Island, Nebraska. My father worked for Shell Oil Co. on the Voshel Lease 6 miles east of Inman, Kansas. I attended Turkey Creek Grade School until the 6th Grade. We then moved to Inman, KS so my father could work with his father on the farm. Farming was poor and we didn't have enough land to farm so my father sold out and purchased the restaurant in Inman. He ran the restaurant until he started to contract-pump wells for various companies.

I finished grade and high school in Inman, lettering in football, basketball and track all four years of high school. In the summer I played baseball mostly in McPherson with the McPherson BJ'S. I was drafted into the Army in 1958 and served for 18 months, spending 14 of those months in Germany. I was able to obtain an early release so I could finish my Geology Degree.

I joined the KGS in 1961. 24 years ago Herman Schmaltz and I, with the help of Hank Filson, started the KGS Bass Tournament. I also joined the AAPG in 1969 and have been a member for 39 years.

In 1964 a fellow Geologist, Glen Koons introduced me to his cousin, Karen Benefiel from Lyons, Ks., who was working as a nurse at Wesley Medical Center. Karen and I were married, and in August we will celebrate our 42nd

anniversary. We share many interests, including a love for the outdoors, wildlife and dogs.

How does one become a Geologist? In my case it was circumstance and good fortune. In the middle 1950's I was playing baseball for the McPherson BJ's as an outfielder. I was approached by a baseball coach from WSU who asked if I wanted to play for WSU on a partial scholarship: books, training table, and a good job to pay tuition. I was planning on going to Kansas State to study architectural engineering without a scholarship. With the baseball offer, WSU was my pick but without any idea of a major. I had to take a science course, so Geology seemed like a good choice since my father was a contract pumper in the McPherson area and I had some oilfield experience. The many geology courses and great instructors such as Calvin Noah in Petroleum Geology gave me the skills to be a professional Geologist in the Oil and Gas Business. I graduated from Wichita University (now Wichita State) in 1961 with a Bachelor of Science degree. After a few years experience, I returned to school and earned a Master of Science in Geology in 1968.

During my senior year at WSU, I worked part time for Bradley Brothers and, following graduation, was offered a full time position. Orville and Everet Bradley were excellent mentors. We evaluated and purchased land-owner royalties, and put together drilling prospects. I stayed with Bradley Brothers from September 1960 until August, 1968. At that time, when I completed my masters, Virgil Tucker with Champlin Petroleum Co. offered me a position as exploration geologist with Champlin. I accepted, and gained valuable experience with some good geologists.

Virgil assigned me to work with stratigraphic sand plays in Western Kansas. One prospect was south of Richfield, KS looking for middle Morrow sands. We farmed out 160 acres from Pan Am and drilled the Bowker prospect, which was down dip from a well that had seven feet of sand and made a small well. Our Champlin well came in lower, had a thicker sand body, and made a good well. Another stratigraphic play was on the east side of the Lyons West Pool. It was a washdown and drilled deeper to the Simpson Sand. It was a successful Simpson producer. That led us north of the Lyons West where we discovered the Shumway field.

Champlin was purchased by Union Pacific, and in 1971 it was decided to decentralize and close the Wichita office. I

was asked if I would like to work in the Calgary, Canada office. This was more or less a lateral move with little financial incentive. They “sweetened the pot” by playing up the hunting and fishing opportunities in Canada. I acknowledged that but added, “If Champlin isn’t paying me enough for a hunting/fishing vacation in Canada, I may be working for the wrong company”. The interviewer agreed and said they’d get back to me. I then received a call to go to New Orleans for a week to work and look for a house. When I returned from New Orleans, I had a conversation with Bob Harris with Mack Oil Co. Instead of moving to New Orleans, I accepted a job with Mack Oil as Exploration Manager, beginning in June, 1971. Bob Harris moved to Duncan, Oklahoma main office. Corry Tinsmon was the staff geologist, George Grenyo purchased leases and Benny Singleton watched the wells. I thoroughly enjoyed working with this group.

In April, 1972 I was having lunch with Bernard Lounsbury and he asked what I had planned for the future. “You are putting prospects together, supervising drilling wells and making farmouts” he said. “Why not do this for yourself and reserve your own overrides and working interests?” Good question. I started my consulting practice shortly thereafter.

To get started, I had the good fortune to supervise wells for Don Beauchamp, Byron Hummon, Jerry Zorger, Dr. Bob Walters, Keenan Oil Co. and many others. Don was trying to get even with me for getting him into the hunting dog field trial game. He sent me as far south in Barber County as he could on the Ballet Ranch, not for just one well, but numerous times. (Too bad, Don. I actually enjoyed the experience and even became proficient in *snake identification*.)

In 1981, my brother, Al, who was in commercial real estate in Olathe, KS, had the opportunity to raise funds for drilling wells. Al and I got together with Jack Maronde and leased 80 acres in Stafford County. Jack had some seismic on the 80 and Al’s Kansas City group liked the prospect which we called the #1 Hall. In 1981 we drilled the #1 Hall to the Arbuckle and made good production. It is still producing today. This introduced me to the operation aspects of the Oil and Gas business. The next year Al and I drilled eleven wells. One well in Kingman County, the #1 Nicholas “A” was 42 feet low to the surrounding wells and tested a hole full of water. (Bad news.) The good news is that in 2001, with some very good partners, we washed down the #1 Nicholas “A” and drilled it deeper into the Arbuckle. This made a very successful commercial disposal well.

My current activities include working on prospects in Stafford County using 3D seismic. Interestingly, Al’s son, my nephew Brian, is starting to learn the Oil and Gas business and is working with me on these prospects. Being a sports person, I like to hunt, fish and play golf. One of my favorite activities is working young bird dogs on quail hunting trips. Most of the dogs are from Beauchamp’s Pine Hollow Kennels, and my hunting partners are Don Shawver, Jack Gabbert and Ronnie Brown. They are patient with the young pups and me, and I couldn’t have better partners.

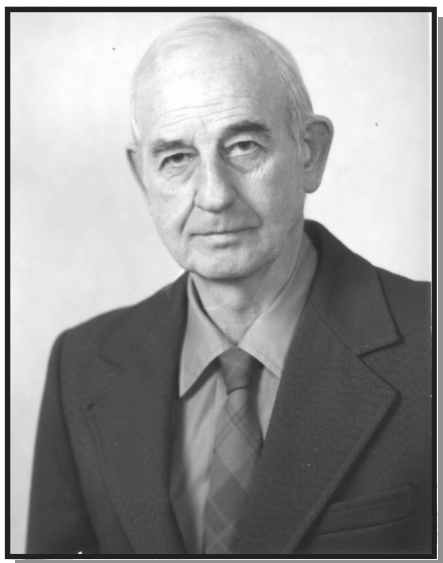
I do most of my fishing in Missouri on Stockton Reservoir where Karen and I have a small cabin.

If I had any advice for young geologists, it would be to take advantage of opportunities that arise and pay attention to counsel from experienced people.



Memorial

Glen Thrasher



With the passing of Glen Thrasher on March 23, the profession lost one of its most respected members and a really professional geologist in the best sense of the word.

Glen was born February 21, 1914, in Meadow Grove, Nebraska where his father was a farmer and merchant. He received both his elementary and secondary schooling in Meadow Grove. In 1932, Glen entered the University of Nebraska and there he came under the influence of Professor Frederick R. Schram, one of the academic giants of our profession. Professor Schram directed him toward specialization in Petroleum Geology. Glen graduated from the university in January of 1937.

In March of 1937, Glen was employed by Texaco in Wichita where he worked for the District Geologist, J.P. Mckee. In 1938, Glen was transferred by Texaco to Salem, Illinois. That same year he returned to Nebraska to marry Bernice Hunter of Beatrice, Nebraska who preceded him in death. Glen and Bernice had one daughter, Margaret who now resides in Cheverly, Maryland. Glen worked in Salem for approximately three years, and then was transferred to Denver. While working for Texaco in Denver in 1942, he was inducted into the

Army of the United States. Glen served for four years including a period with the 69th Infantry Division in France and Germany and during that period he was awarded the Bronze Star.

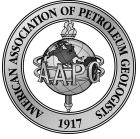
Glen was discharged as a Lieutenant Colonel and after his discharge in 1946, he rejoined Texaco in Denver. In 1948, Glen became a consultant. In 1950 he worked for one year for Drillers Gas Company in Wichita, and then once again became a consultant. He remained a consultant until 1973 when he went to work for George Ablah and Little George Oil Company, later to become American Energies. He remained employed by American Energies until 1984, and after leaving the company, continued to office with them.

In 2002, Glen was made an Honorary Member of the Kansas Geological Society. He was also a 70-year member of the American Association of Petroleum Geologists. Well into his nineties, Glen continued to put together prospects until he found it necessary to move back east to be closer to his daughter.

Glen was always an inspiration to older geologists as well as a “role model” for the younger generations of geologists.

Memorials have been established with the Kansas Geological Foundation and the American Red Cross.





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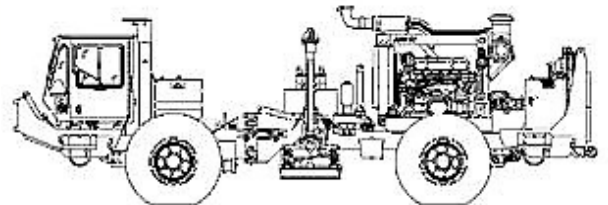
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Unconventional Prospecting for Hydrocarbons in Kansas

Dan Merriam
e-mail: dmerriam@ku.edu

Impact features have been in the news lately as more and more of them have been identified. Apparently more of them are present on Earth than previously recognized.

Barry Friedman in a recent article (2008), *Craters Have Impact on Exploration*, in the *AAPG Explorer* suggested that impact craters should be investigated for possible oil and/or gas resources. Richard Donofrio (1997) lists eleven impact craters in North America that produce from reservoirs formed in the central uplift, rim, talus deposits, breccia pinchouts, and ejecta that might occur in impact-affected granites, carbonates, and sandstones (Fig. 1). King and Petruny (2008) presented evidence about impact craters forming reservoirs along the US Gulf Coast and cited several examples. Closer to home is the Ames structure in Oklahoma is an impact structure that is a prolific producer (Johnson and Campbell, 1997).

How do you recognize an impact feature? First criterion is its shape, it will be round or oval; secondly, it will have a geophysical signature; and finally, it will have the type of rocks associated with it that were formed under high temperature and pressure (Fig. 1). These features range in size from hundreds of feet across to tens of miles.

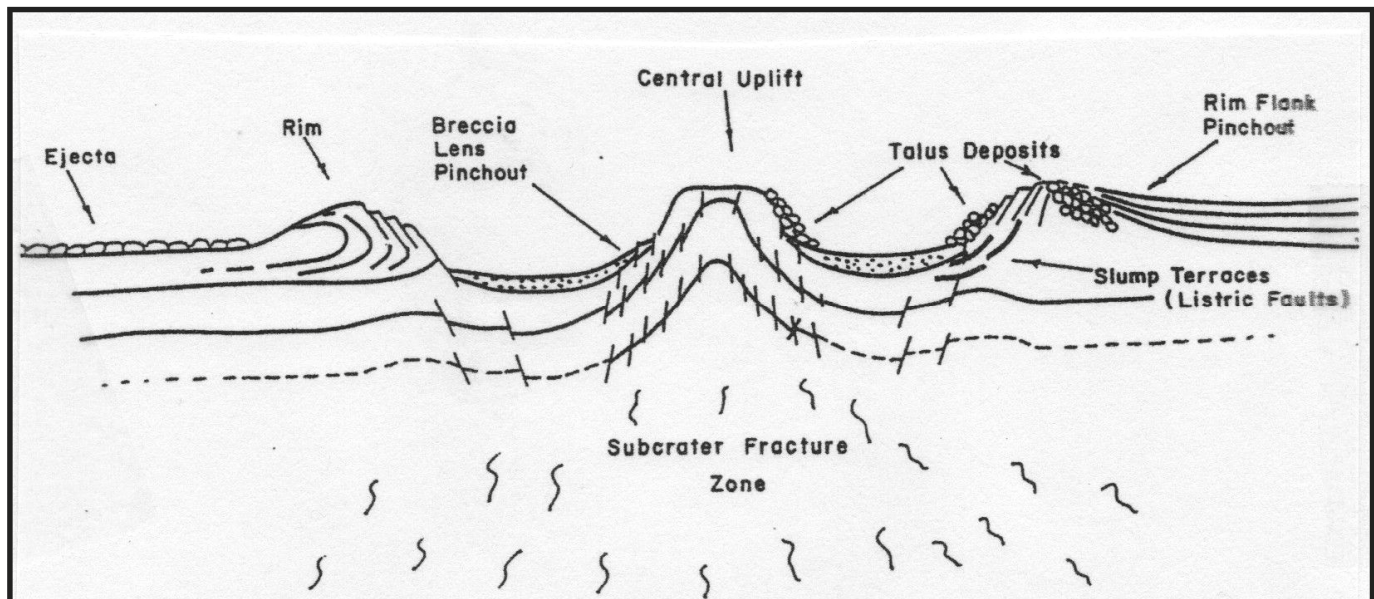


Figure 1. A diagrammatic cross section of an impact structure showing where petroleum traps might be formed (Donofrio, 1997).

Why would such a feature have petroleum associated with it? Well, the impact forms fractures that can serve as the reservoir as well as the porous rubble formed on impact or the draped sediments over the feature. The high temperatures created on impact may cause generation of hydrocarbons from carbon material present at the site.

How about the possibilities in Kansas? The fairly recent small Brenham meteorite fall at Haviland in Kiowa County is the only identified impact feature. There are, however, numerous other features in the state that may be impact structures, but they have not been confirmed (Fig. 2; Merriam and Harbaugh, 2007). Presumably, all of these features are in the Precambrian basement, but have affected the overlying sediments that may have formed traps. One of the features, the Edgerton structure, in Miami County has been investigated by a magnetic study and the geophysical signal seems to indicate an impact structure (Merriam, Harbaugh, and Xia, 2008). At least some of these subsurface features may be expressed on the surface in present-day topography, especially by the stream patterns (Merriam, 2005).

It is not suggested that impact features are to be explored for, but it is suggested that when drilling a prospect this possibility be kept in mind.

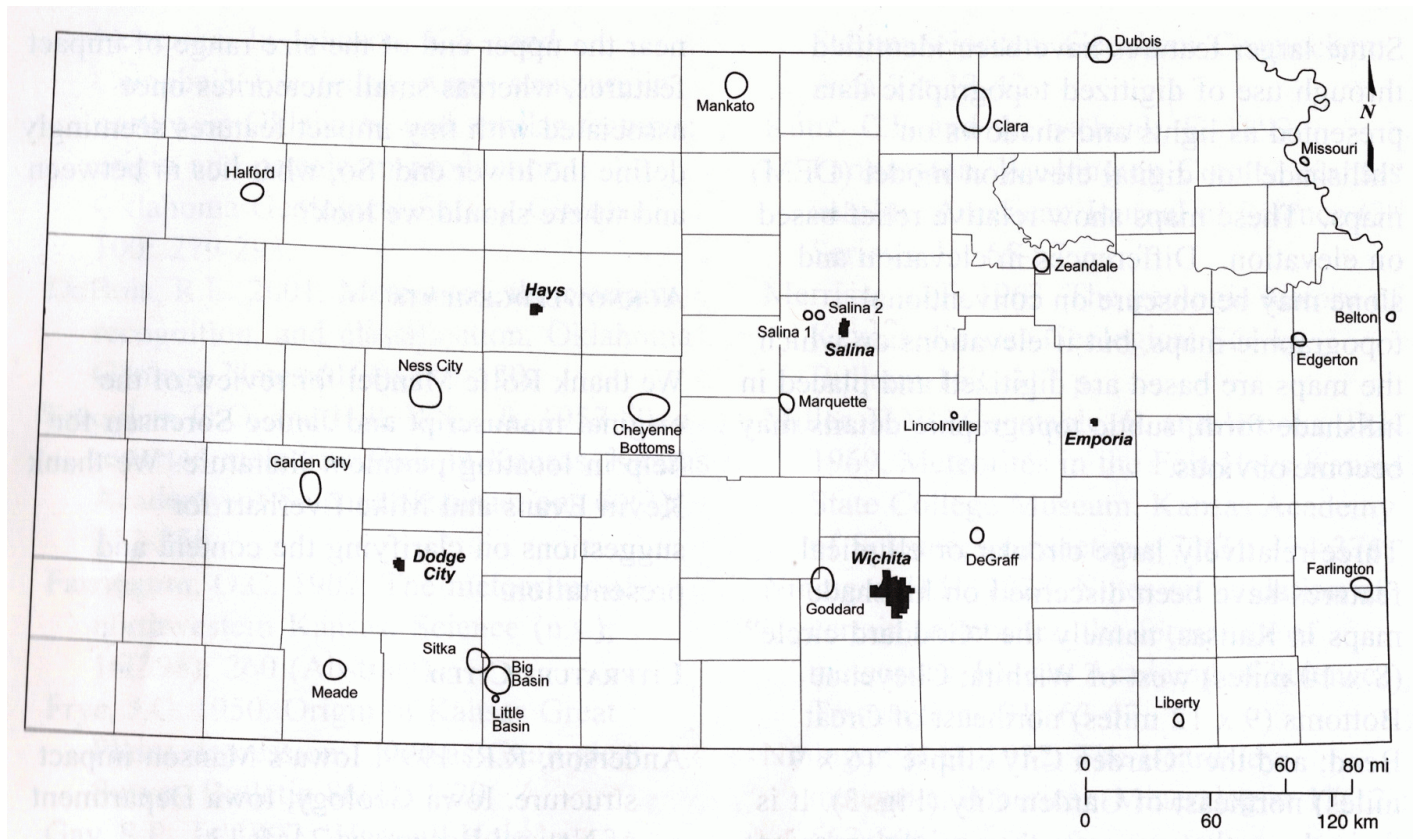


Figure 2. Location of some possible impact features in Kansas as suggested by their surface configuration (Merriam and Harbaugh, 2007). Note the features are exaggerated for emphasis.

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Wichita Companies Employ Many Students Through The Years

For many years there has been a relationship between students enrolled in geology at Wichita State University and industry and government, that has been advantageous to both. For the students it has provided a “jump start” in their profession which has not been available to students enrolled in other educational institutions within the state. Often their employment as students has led to permanent employment with the firm or agency. For the companies it has provided a pool of knowledgeable individuals who were very trainable. Some examples from the past are:

- ◆ Craig Caulk worked for Circle Oil and Sage Drilling—graduated in December 1975.
 - ◆ Doug Louis worked for Martin Oil and Chief Drilling and then worked for the KCC while completing his MBA.
 - ◆ Michael Dixon worked for Clinton Oil / Energy Reserves Group 1075-1979.
 - ◆ Larry Friend worked for Vincent Oil while in school and was hired full time after graduating December 1979.
 - ◆ Ron Iron worked as a draftsman at Mack Oil while attending graduate school.
 - ◆ Larry Richardson worked part-time at Pet. Inc.
 - ◆ Jene Darmstetter worked for Pet. Inc. during his years at Wichita University.
 - ◆ Thornton Anderson landed a job one month into his freshman year with Gulf Oil Corp. Geology lab in downtown Wichita.
 - ◆ Larry Skelton worked at the Survey while completing his Master Degree.
 - ◆ Eldon Schierling worked for the Bradley Brothers while a student and then hired after graduation.
 - ◆ Julie Collins worked at the USGS during college.
 - ◆ Ken Dean worked part-time for Bruce & Polly Clark at DR Lauck and later for Ray Goodin.
 - ◆ Tim Hellman worked at Raymond Oil during his Sophomore year and then hired full-time in 1980 upon graduation.
 - ◆ Steve Frankamp was employed by Abercrombie while at WSU and is now one of the owners of the company.
 - ◆ Bob O’Dell worked for Wayne Woolsey as a part-time draftsman in 1977 and then worked for Raymond Oil as a draftsman .
 - ◆ Steve Stribling worked at Raymond Oil as a geo-tech for Bob O’Dell, Bill Jackson, Tim Hellman & Pat Deenihan.
 - ◆ John Hastings worked for Vincent Oil Company all through college.
 - ◆ Dave Callewaert worked for Rains and Williamson Oil Co. while at WSU.
 - ◆ Alan Banta worked for F.W. “Bud” Mallonee and Bill Coppinger in 1978 while working on his B.S. from WSU.
 - ◆ Doug Davis worked for Bob Gutru and the Kansas Geological Survey while attending WSU.
 - ◆ Tim Lauer was hired by Bob Brooks, to be a “golpher” (known later as a “geo-tech) at Range Oil co., Inc. working for Richard D. Smith.
 - ◆ March Summervill, Brian Wilhite & Kimberly-Dimmick Wells all worked for Woolsey Operating while in school and then hired as full-time employees at graduation.
 - ◆ Bob Bayer worked for FWA Drilling and Murfin Drilling while attending WSU.
-
- ◆ Adding to this list are the most recent WSU graduates which are also listed on the next page:
 - ◆ Robert Hendrix—McCoy
 - ◆ Marjorie Crane—Woolsey
 - ◆ Blair Eastwood—Grand Mesa
 - ◆ Monica Turner-Williams—Abercrombie
 - ◆ Ryan Dixon—Dixon Energy, Inc.

Continued at top of page 17

Wichita Companies, continued

Presently, several WSU students are enjoying employment opportunities with Wichita companies. The following students and recent graduates are working for the following companies:

<u>Name</u>	<u>Company</u>	<u>Status</u>
Robert Hendrix	McCoy	Graduated '05
Michel Runnion	Murfin	Grad. Student
Michael Lichtenwalter	Trans Pacific Oil	Grad. Student
Marjorie Crane	Woolsey Operating	Graduated '07
Renee Vardy	USGS	Grad. Student
Tammy Alcorn	TGXploration	Grad. Student
Walt Moody	Mull Drilling	Grad. Student
Jan Warusavitharana	Trans Pacific Oil	Undergraduate
Zach Poland	KCC / TGXploration	Undergraduate
Nick Reichart	KCC	Undergraduate
Loveness Mpanje	FG Holl	Grad. Student
Adam Thorne	FG Holl	Undergraduate
Anna Smith	Oil Producers	Undergraduate
Beau Morris	Oil Producers	Undergraduate
Blair Eastwood	Grand Mesa	Graduated '06
Ganganath Koralegedara	Berexco	Grad. Student
Jessica Puyear	Murfin	Grad. Student
Alan Heckel	KGS Library	Grad Student
James Bileman	USGS	Undergraduate
Ijeoma Iweha	Mull	Grad. Student
Monica Turner-Williams	Abercrombie	Graduated '07
Ryan Dixon	Dixon Energy, Inc.	Graduated '07
Adam Kennedy	Max-Henry	Graduated '06

There have also been several students work at the KGS Library over the years and we still like to hire from that student pool whenever possible.

KGS Library

Will Be Closed

Monday, May 26th

Memorial Day

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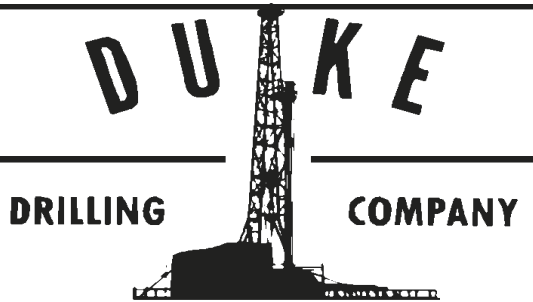
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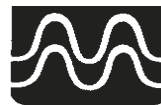
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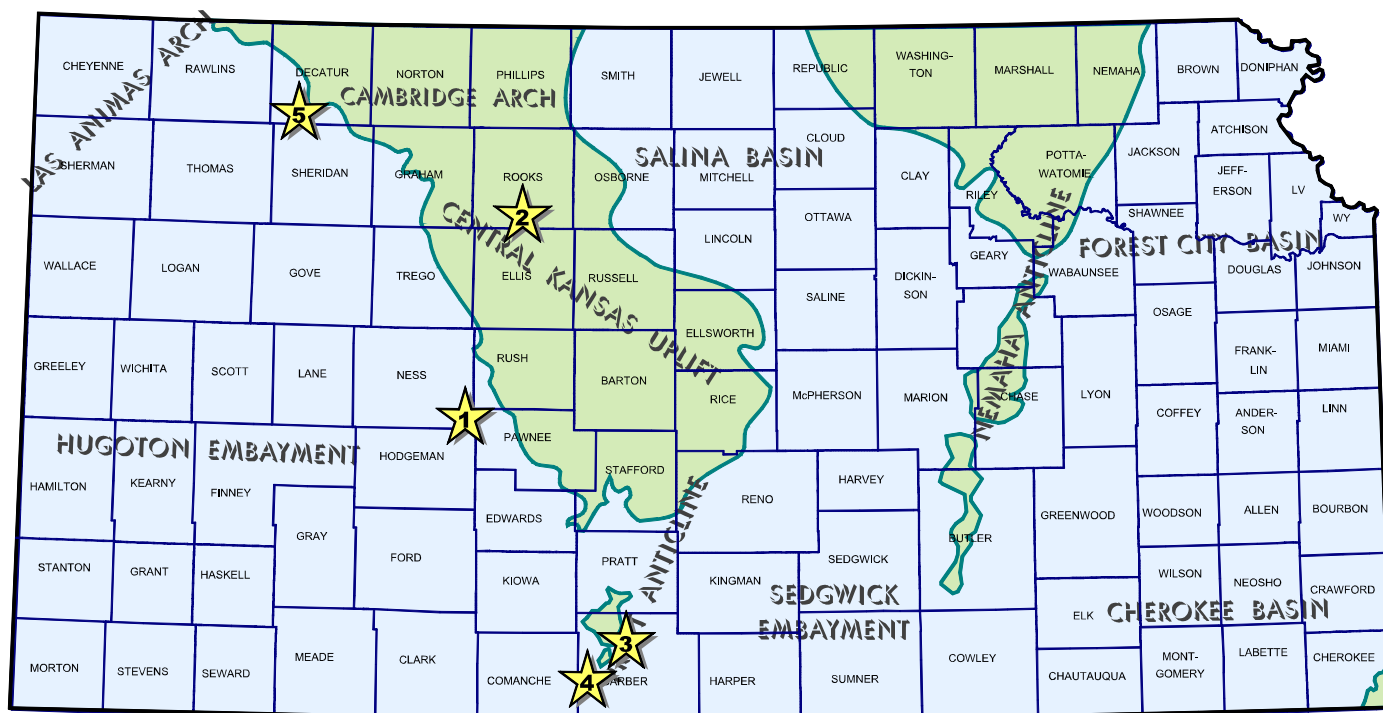
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Exploration Highlights

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



1. **American Warrior, Inc.** has opened the new Highpoint Field in eastern Ness County with the completion of the Shank #1-11. The well is pumping an unknown amount of oil from perforations in the Mississippian formation at location in the NW/4 of section 11- T20s- R21W, about fourteen miles southeast of the town of Bazine, Kansas. Operator hired Petromark Drilling tools to drill the 4,405 ft. deep well.

2. In Rooks County, **Coral Production Corporation** is producing an undisclosed amount of oil at the Addison #10-1, spotted in approximately the center of section 10- T10s- R18W. The 3,765 ft. deep wildcat well establishes the new Air Park Field a little over one and three-quarters miles south of Plainville, Kansas. Production zone has not been disclosed, however, Lansing-Kansas City zones have produced oil about one mile to the south in the Flagler Field.

3. The new Catlin Field has been established in Barber County by **Roberts Resources, Inc.** Discovery of Lansing-Kansas City oil and gas reserves were found at the firm's Catlin #1-35, located in the NW/4 of section 35- T31s- R13W. The well was drilled to a total depth of 4,750 ft. by Duke

Drilling at site located approximately seven miles southeast of Lake City, Kansas. No details have been released regarding the daily potential of the new find.

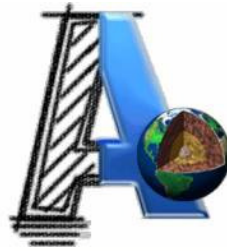
4. Barber County has gained a new unnamed Mississippian oil field with the completion by **Osage Resources, LLC.** of their #108 Osage. The wildcat exploratory well was drilled by Warren Drilling tools to a total depth of 5490 ft. Well site is located in the SW/4 of section 13- T33s- R15W, nearly thirteen miles southwest of Lake City, Kansas. Production volume has not been disclosed by the operator.

5. **Murfin Drilling Company** has discovered Lansing-Kansas City oil deposits at a wildcat well site located over five-eighths mile northwest of abandoned oil production in the Prairie Dog Field (LKC oil) in Decatur County. The Eula #1-30, in the NE/4 of section 30- T5s- R29W, was put on pump on February 15, 2008 for an undisclosed potential. The well was bottomed at a depth of 4290 ft. with company tools. Site lies about ten miles southwest of Dresden, Kansas. The new field has not been named.

6. **The Kansas Geological Society's Nomenclature Committee**, in association with the Kansas Corporation Commission (KCC) and the Kansas Geological Survey, have named 19 new oil and gas fields in Kansas at a meeting held in March 2008 in Wichita, Kansas. The new "rank wildcat" discoveries in Kansas this year is nearly double the total from a year ago. There have been 39 new fields recognized through March this year compared to only 20 a year ago. The number of new discoveries of all types in 2008, including "infield wildcat" discoveries, totals 44. This is up by 11 fields, or by nearly 33.3 percent compared to a year ago .



The KGS has many fine technical talks throughout the year thanks to Bob Cowdery, program chair. The talk on GigaPan imagery and bedrock mapping, by Ron Schott of Ft. Hays State (pictured below), was especially interesting. For more information on GigaPan Imagery, go to www.gigapan.org and www.earth.google.com.



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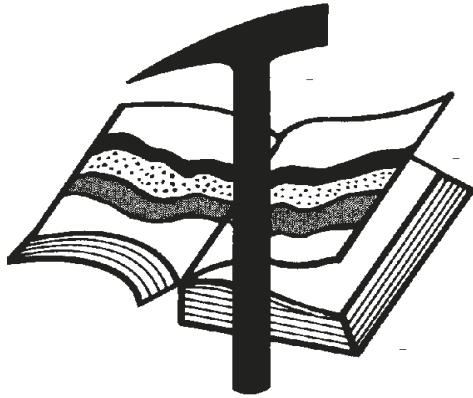
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The Kansas Geological Foundation provides the following services as a part of the organization's commitment to educate the public regarding earth science.

Speaker's Bureau

A list of speakers available to talk about various aspects of geology may be obtained by contacting Janice Bright at the KGS Library, 265-8676. This service is free to the public.

DVD/Videotape Library

The KGF maintains a DVD & videotape library focused primarily on the various fields of earth science. These tapes may be checked out without charge by the public. To obtain a list of tapes, please contact the KGS Library, 212 N. Market, Ste. 100, Wichita, KS 67202, or call Janice Bright at 265-8676.

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

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

Your tax-deductible membership donation helps to defray the cost of processing donations and to support public education programs about the science of geology. Annual membership begins at \$50.00 per year. Donations of \$100.00 or more are encouraged through the following clubs:

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On Thursday, May 8, 2008
Time 4:30 PM—8:00 PM

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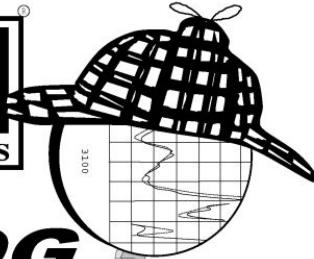


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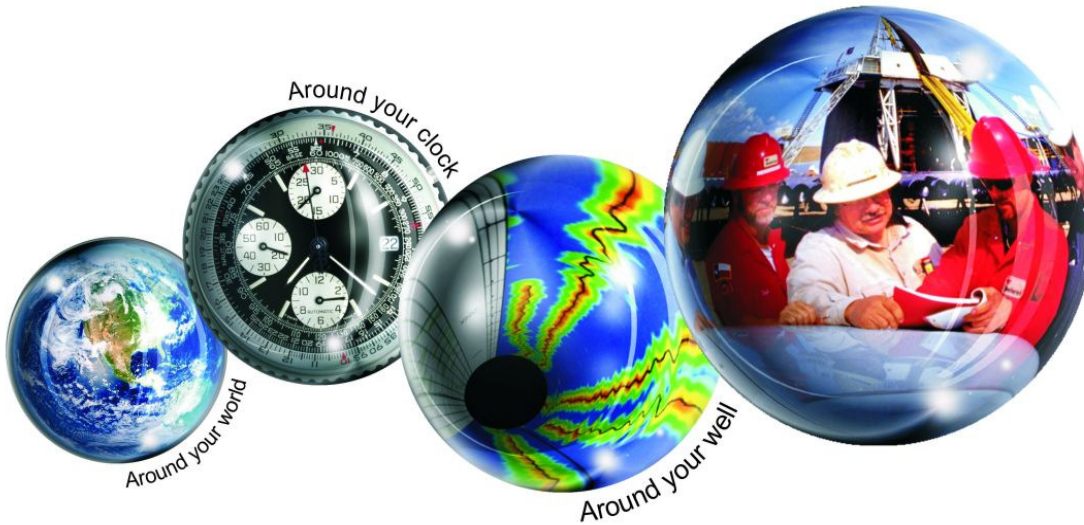
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Vernon Hess	06/95	1995	Harold Trapp	11/02	2002
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Jack Rine	07/95	1995	Elwyn Nagel	03/03	2003
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Bus Woods	01/98	1998	Jack Heathman	05/06	2006
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Stephen Powell	04/98	1998	Karl Becker	10/06	2006
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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	Donald R. "Bob" Douglass	09/07	2007
Robert and Betty Glover	10/96	1998	Vincent Hiebsch	11/07	2007
Howard E. Schwerdtfeger	11/98	1999	Glen C. Thrasher	03/08	2008
W. W. "Brick" Wakefield	03/99	1999			
V. Richard Hoover	01/00	2000			



All Around You

Weatherford has always been driven by your needs.

Now, with the addition of Precision Energy Services we're continuing to build a world of skills, services and technologies that revolve – and evolve – around you.

The result?

An expanded global network of 25,000 people, 730 service bases and 87 manufacturing facilities in 100 countries.

This increased local knowledge and service is there to support you anywhere, anytime. From midday in the Middle East to midnight in the middle of nowhere.

And with greatly strengthened capabilities in the critical evaluation skills of directional drilling and wireline logging, we can do even more to improve the profitability and productivity of your wells.

To see how our sphere of services can work for you, visit www.weatherford.com or contact either your Weatherford or former Precision Energy Services representative.

Drilling | Evaluation | Completion | Production | Intervention

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KGS BULLETIN
 May—June 2008

May 2008

KGF Spring mixer

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

June 2008

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 KGS Golf	17	18	19	20	21
22	23	24	25	26	27	28
29	30					