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KANSAS GEOLOGICAL SOCIETY

# BULLETIN

Volume 88 Number 1

January—February 2013

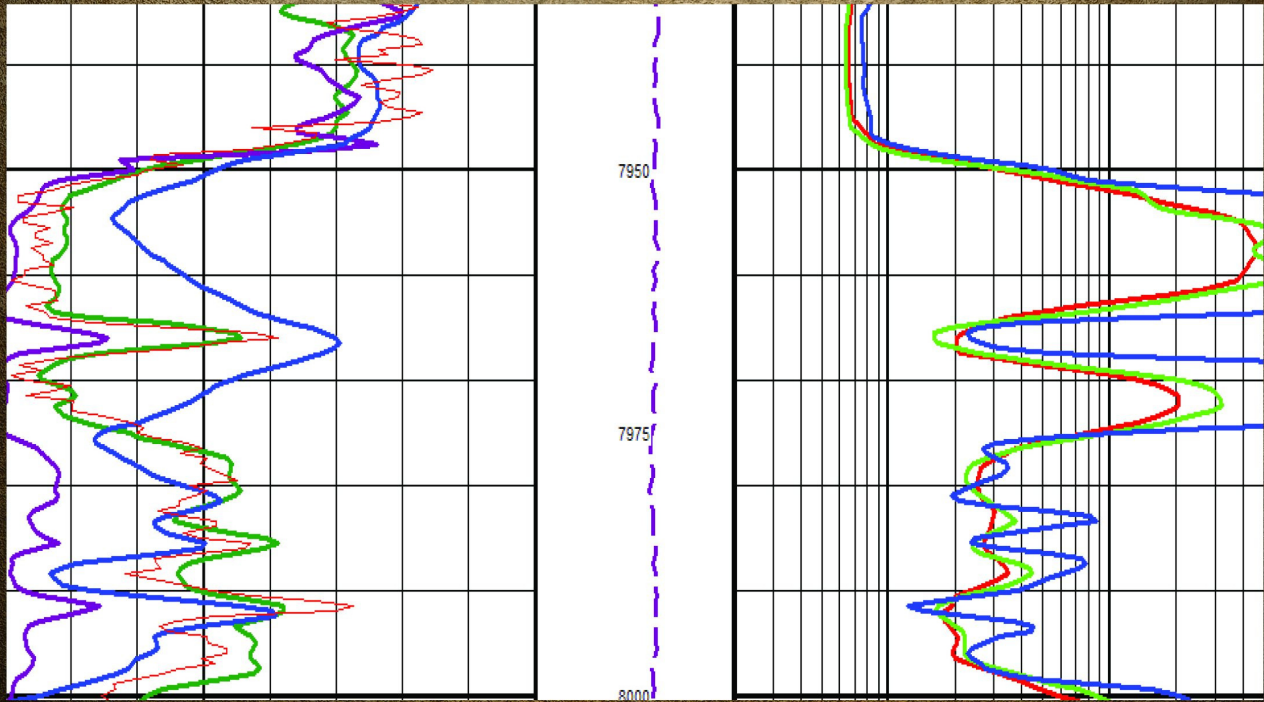
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### ON THE COVER:

**Photo sent in by Tim Hellman.  
A nice spring storm brewing on the prairie.**

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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 Rebecca Radford, [manager@kgslibrary.com](mailto: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

Jan. 15—William Chandler— “Chandler Perforation Plot”

Jan. 22—Dr. Lee Krystinik, AAPG President

Jan. 29—Dr. Tony Walton’s KU Petroleum Class

Feb. 5— Ernie Morrison, “Cherokee”

Feb. 19— Dick Banks, “Computer Contouring: How is it done? And why don’t the contours honor the data?”

Feb. 26— Marty DuBois, “Chester IVF System in Haskell & Seward county”

Mar. 5— Kurt Rottman, “TBA”

Mar. 19— Andrew Wray, Schlumberger, “TBA”

Mar. 26—Dr. Hendratta Ali’s Fort Hays Class

Apr. 1— Dr. Jim Puckette class from Oklahoma State University

Apr. 15—Kurt Rottman, “TBA”

Apr. 22—Brian Cardott, Oklahoma Survey, “TBA”

May 7—Charles Wickstrom, “TBA”

May 28—Larry Richardson’s WSU class

## *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*



## BOARD OF DIRECTORS

---

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<u>Bulletin</u>	Rebecca Radford
<u>Continuing Education</u>	Robert Cowdery
<u>Distinguished Awards</u>	Kent Scribner
<u>Environmental</u>	Kent Matson
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<u>Future Plans</u>	Ernie Morrison
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<u>Investment</u>	Bob Bayer
<u>Library</u>	Roger Martin Ted Jochems
<u>Membership</u>	Larry Friend
<u>Nomenclature</u>	John H. Morrison, III
<u>Picnic</u>	
<u>Public Relations</u>	Robert Cowdery
<u>Shooting Tournament</u>	Larry Richardson
<u>Technical Program</u>	Robert Cowdery
<u>Ticket Sales</u>	Bill Shepherd
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## A.A.P.G. DELEGATES

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Robert Cowdery 2012	Douglas Davis 2012
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## BULLETIN STAFF

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<b>ADVERTISING</b> Kent Scribner Stelbar Oil Corp.	(316) 264-8378
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<b>SOCIETY NEWS</b> KGS Library	(316) 265-8676
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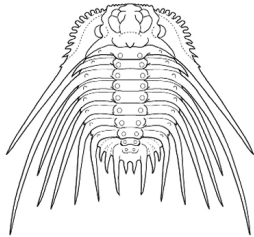
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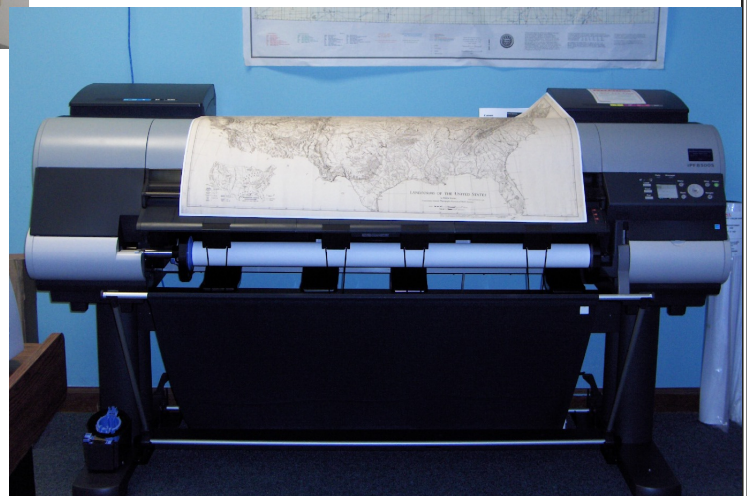
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# President's Letter

Happy New Year!

I'm really looking forward to serving as the Society's President in the coming year. Through the excellent stewardship of last year's President, Kent Scribner, and his Board of Directors, the KGS is in excellent fiscal shape. We ended the year with enough of a profit that our accountants advised us to invest some of the profits back into the Library, in order to decrease our tax liability.

All of the KGS committee chairman did a great job in 2012, with many well attended and enjoyable events. Bob Cowdery, who brought us many great technical programs last year, has agreed to continue as Chair for 2013.

I am very fortunate to have both Kent Crisler and Jon Callen agree to act as my advisers. Even though both of them have served as an adviser for several other recent KGS Presidents, they did not hesitate to agree. I'm sure they will be a great addition to this year's Board.

Our Library Manager, Rebecca Radford, and the excellent Library staff continue to do a great job of taking care of the membership, and our Library.

There is a lot on the horizon for the coming year. Although data sales have been up, and we've seen an increase in memberships, this will likely slow down as the Mississippi Lime Play matures. The Landmark Square Building that houses the KGS Library is to be auctioned on Friday, January 11, 2013. Our lease ends at the end of 2013 (with the option to extend it for 5 more years).

We will host the AAPG Mid-Continent Section meeting in October, which Doug Davis and his committee have been hard at work to get ready for. I'm confident that we can meet all of these challenges and opportunities with the great talents of our membership and staff working together.

I'd like to thank the membership for giving me the opportunity to serve as President. I will certainly do my best to see that the Kansas Geological Society and Library continues to be one of the premier geological societies and data libraries anywhere.

I hope that 2013 is a successful year for all of us in the Geological Profession, and I'm looking forward to seeing all of you throughout the year.

Respectfully Submitted,

Dave Clothier





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# From The Manager

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Dear Members,

Welcome 2013! So glad the Mayans had another calendar ready to follow the 2012 one because we still have a lot of oil and gas to find.

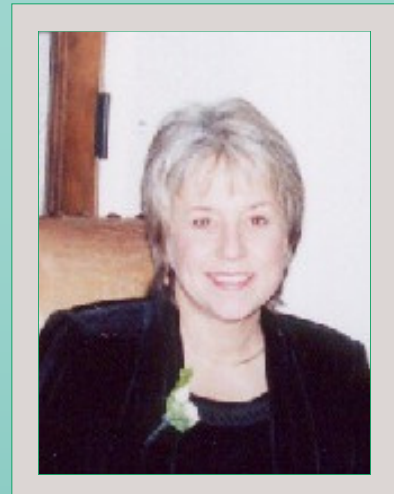
This should continue to be a busy year for everyone. We stay steadily busy here in your library. We don't see many of you since most of you are on the Walters Digital Library, but we know you are working hard and still ordering copies from us and we thank you for that business.

This year the Society is hosting the AAPG Mid-Continent meeting out at the Airport Doubletree. The meeting will be held October 12—15. The call for papers has gone out so please consider submitting something for this meeting. We have established a web site for the Mid-Continent Section and that is where you will find all of the information on the meeting. That site is: [aapgms.org](http://aapgms.org). The site will handle Registration and Abstract submittals as well as have general information on the meeting. Keep checking it for updates on this upcoming meeting.

I am putting out a call for articles of interest for the Bulletin also. We have had a lack of papers to print in this publication so if you have anything that might be of interest to our membership, please consider a short article for the Bulletin.

I wish you all a very successful year and hope to see you at the Society sponsored events in this upcoming year.

Respectfully submitted,  
*Rebecca Radford*  
Manager



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## Directors: Board Members at Large



**Kent Scribner**



Photo by AJ

**Tim Hellman**

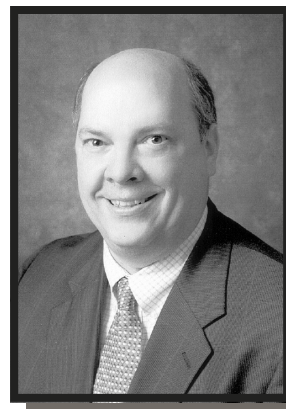


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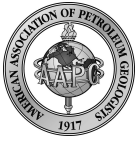
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**American Association of Petroleum Geologists  
MID-CONTINENT SECTION MEETING 2013**  
*New Technology Integration – Mature Petroleum Regions*  
**(Deadline for Abstracts is Friday, March 1, 2013)**

Presenters may submit preference for an oral or poster presentation. Abstracts will be considered for either oral or poster session unless otherwise designated by the author. NOTE: There will be a separate poster session on Tuesday for the Mississippian Symposium.

**See website to submit abstracts: [aapgms.org](http://aapgms.org)**

*Core Workshop*

Chairman Martin Dubois invites you to contribute to a Core Workshop to be held on Sunday, October 13 from 9:30-4:30 pm. Please contact Martin about your intent to participate and then please submit an abstract that includes background and significance of the core by clicking on the "Create Core Workshop Abstract" button below.

*Mississippian Symposium*

This special symposium will be held on Tuesday October 15, consisting of an oral and poster session. Papers will feature Mississippian exploration, oil/gas reservoir facies and depositional systems, diagenesis and porosity evolution, reservoir completion/engineering practices, and reservoir stimulation practices. Submit an abstract for the Symposium by clicking on the "Create Mississippian Symposium Abstract" button below. Please contact Chair Sal Mazzullo for more information.

*Oral Presentations*

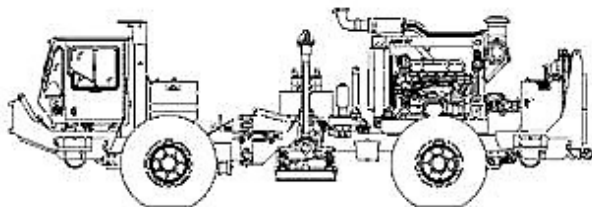
Two concurrent oral sessions will presented on Monday October 14 and one session on Tuesday, October 15, concurrent with the Mississippian Symposium. Themes of the sessions are listed below.

Students are most welcome to participate in sessions and will be so noted in the program. Student papers will be eligible for Robert Cowdery Best Student Poster and Oral Awards.

Contact: W. Lynn Watney, 785-864-2184.

*General Poster Session*

Presentation on any of the themes listed below are permissible and welcomed. Contact Poster Chair Ernie Morrison, 316-264-6366, for additional information.



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# Kansas Geological Society Board Minutes

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The monthly meeting of the Board of Directors of the Kansas Geological Society was held on **November 13, 2012** at the Wichita Petroleum Club. Mr. Scribner called the meeting to order at 11:38 a.m.

- A. **Treasurer's Report**- Mr. Milford presented us with the Treasurer's report for September 2012. Mr. Milford reported that the current CD's earned estimated \$651.00 interest. The next CD to mature will be December 17, 2012 at Rose Hill State Bank, and will be renewed for an additional year.
- B. **Manager's Report**- Mrs. Radford presented the Manager's Report for September 2012. Monthly income was \$94,676.48 and expenses were \$67,122.79, making the profit \$27,553.69 for the month. The reports shows, 773 total members, 290 Library members and 247 Walters Digital Library members.

## OLD BUSINESS

- A. **Neuralog Software** – Mr. Bryan Mills will presented a demonstration at the Library of the capabilities, and is being tested during a 30 day trial. If well received, funds have been allocated to purchase.
- B. **Eastern Kansas Files** - Commitment to add an additional Neuralog Scanner and determine additional staff to complete task is moving forward.
- C. **Upcoming Holiday Hours of Operation** – The Library will be closed Monday December 24 and Tuesday December 25, 2012 for Christmas and Monday December 31, 2012 and Tuesday January 1, 2013 for New Years.
- D. **Annual Banquet** – The Annual Banquet will be Friday January 11, 2013 at the Petroleum Club, Wichita, Kansas.

## NEW BUSINESS

- A. **2013 Annual Budget** – review of previous operating yearly budgets, including salaries and prices were reviewed. The 2013 operations budget was accepted, which included salary adjustments and pricing adjustments.

**Mr. Scribner adjourned the meeting at approximately 2:15 p.m.**

Respectfully submitted, Robert P. Bayer, II, Secretary

The monthly meeting of the Board of Directors of the Kansas Geological Society was held on **December 11, 2012** at the Wichita Petroleum Club. Mr. Scribner called the meeting to order at 11:45 a.m.

- A. **Treasurer's Report**- Mr. Milford presented us with the Treasurer's report for November 2012. Mr. Milford reported that the current CD's earned estimated \$651.00 interest. The next CD to mature will be December 17, 2012 at Rose Hill State Bank, and will be moved to a money market account.
- B. **Manager's Report**- Mrs. Radford presented the Manager's Report for November 2012. Monthly income was \$78,798.34 and expenses were \$65,238.23, making the profit \$13,560.11 for the month. The reports shows, 774 total members, 319 Library members and 246 Walters Digital Library members.

## OLD BUSINESS

- A. **Neuralog Software** – was determined to be too labor intensive with large learning curve. With labor pool of part time employees (students) and one full time (Tammy) did not prove to be positive.
- B. **Purchased Well Green Scanners** – Bought 2 scanners, which have the ability to depth register electric logs.
- C. **Kansas East Ranges Scanning Project** – New computer, workstation are being purchased and new employee will be added to initiate this project.

## NEW BUSINESS

- A. Welcome to new board members:  
Vice President – Mr. Brian Fisher; Secretary – Mr. Paul Ramondetta;  
Director at large - Mr. Frank Mize; and, Advisor – Mr. Jon Callen.
- B. The Board voted via email to donate \$30,000 to Kansas Geological Foundation to assist with funding 2013 integration project activities.

**Mr. Scribner adjourned the meeting at approximately 1:25 p.m.**

Respectfully submitted, Robert P. Bayer, II, Secretary

# New KGS Directory



If you are a member of the Kansas Geological Society, call 316-265-8676 and we will give you the password to access the Membership Directory

If you are a member of the Walters Digital Library, you will be able to access the Directory once you have logged on.

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## Save The Date

### AAPG Mid-Continent Section Meeting

October 12-15, 2013

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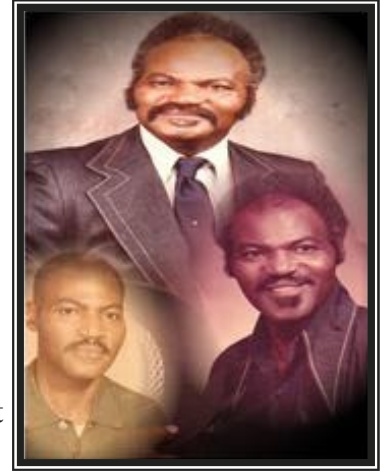
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# *Memorial—Henry “Hank” Harvey*

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**Henry Barnett Harvey** was the fourth child of six born to Walter L. and Katherine on June 23, 1933 in Topeka, Kansas. He was lovingly known as “Hank” or “Hansom Hank”. He was shot and killed in a robbery at a Dollar General store November 30<sup>th</sup>, 2012, while buying candy for his grandchildren.

He left high school at age sixteen to pursue a career in the Air Force. He was stationed at many bases in the states. He was also stationed in Greece, Germany, Thailand, and North Africa. He learned a language in each country he visited. He was fluent in German, Greek, and Thai. While in the Air Force he was a boxer and received the Golden Gloves Title. He retired from the Air Force after 20 years of service. While stationed in Robins Air Force Base in Georgia, he met and married Alice Jefferson. They had four boys and two girls.



After retiring Henry entered Wichita State and received his Bachelor degree in Geology. He was recognized in 2005, as the first African American to graduate from this department. Hank worked as a well site geologist, from 1982 to 1988. He was a member of the Kansas Geological Society from 1983 to 1988.

He was a member of the Rising Sun #69 Masonic Lodge since 1977. He would have received his 33<sup>rd</sup> degree next year. He was a dedicated member of the Hall’s Chapel African Methodist Episcopal Church. He served as board Trustee, Finance Chairman and secretary/Treasurer. He had many hobbies including model airplanes, reading, cooking, and wine making. He supplied wine for many geology club parties while at WSU.

Hank leaves longtime companion Joyce Simmons. He also leaves his children, whom he raised as a single parent, Fred B., Walter L., and William T. and daughters Veronica D. Thaw and Jacqueline A. Harvey-Pryor. He also leaves two brothers Howard and John and a sister Sylvia. He will be missed by fourteen grandchildren and twelve great grandchildren. He has left many friends that will miss him and I include myself.

Respectfully,  
Douglas Davis



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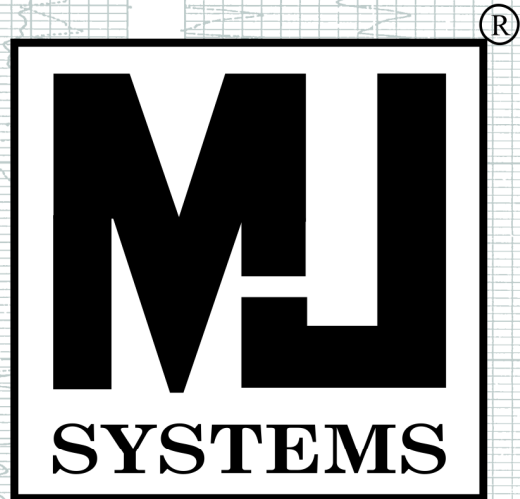
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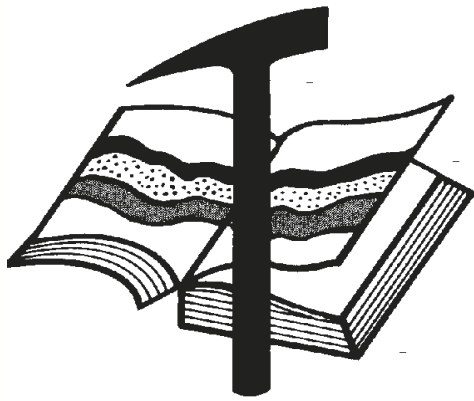
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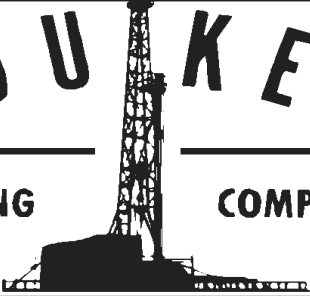
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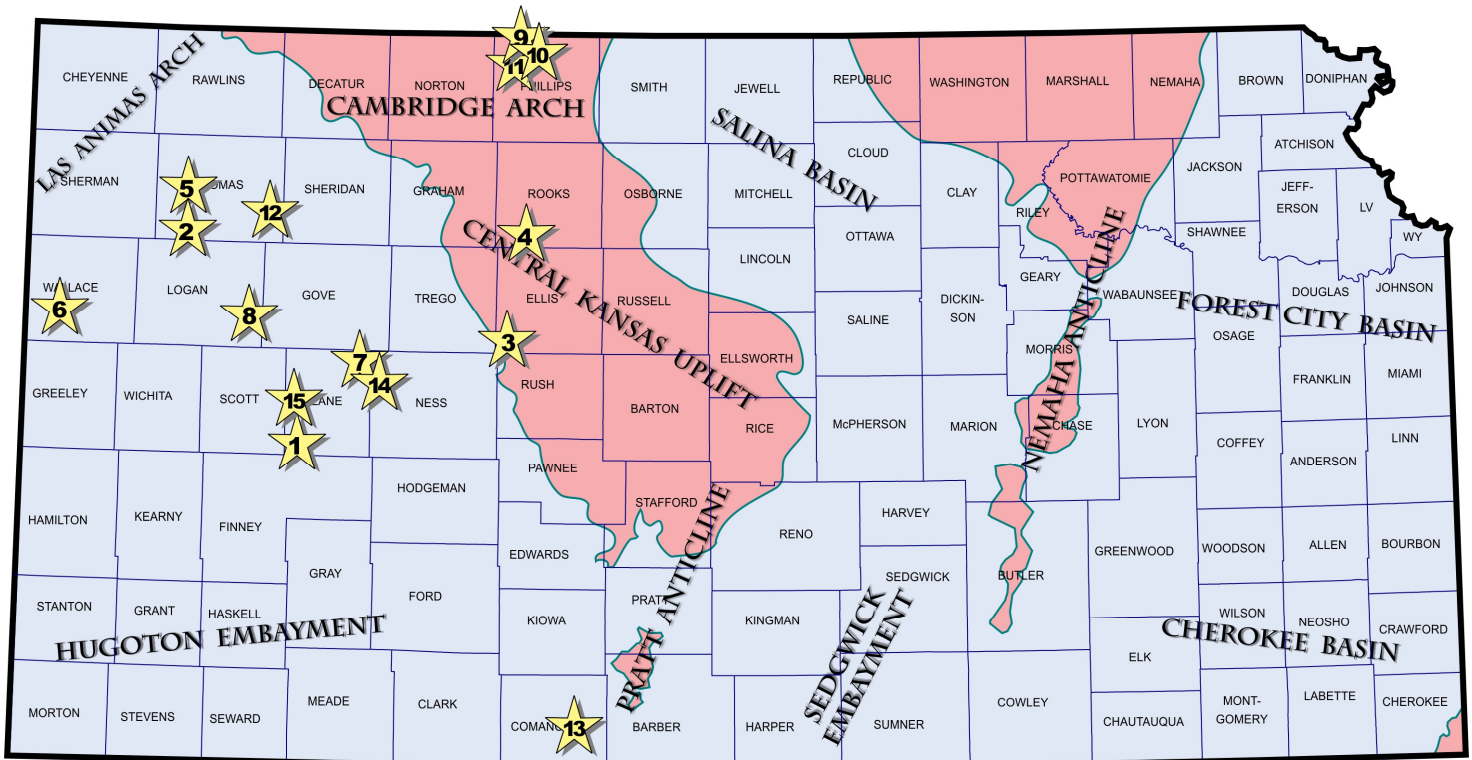
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# Exploration Highlights

By John H. Morrison, III  
Independent Oil & Gas



(1) Independent oil producer **Carmen Schmitt, Inc.**, Great Bend (KS), has discovered Cherokee oil deposits at a wildcat well located about ten miles southwest of Dighton, Kansas in southwestern **Lane** County. The 1 Frontier Unit, spotted in the northeast corner of section 1- T20s- R30W, was drilled to a total depth of 4750 ft by Southwind Drilling tools. Closest established field production is located nearly one and one-half miles to the northwest in the Clark South field where the Marmaton and Cherokee formations have produced oil. The new field is named Frontier..

(2) **Norstar Petroleum, Inc.**, Englewood (CO), has established the Stover - Weed oil field in southwestern **Thomas** County. Discovery was made at the 1-27 Stover - Weed Unit, spotted in the SE/4 SE/4 of section 27- T10s- R35W, or six miles northeast of Winona, Kansas. The 4900 ft well is producing an unknown amount of crude from the Lansing-Kansas City limestones. Wellsite lies two miles northwest of the recently established (2011) Anderson field where the LKC and Cherokee zones have been productive. The new field has not been named. The well is located about one mile north of the **Logan** County line.

(3) **Klabzuba Oil & Gas, Inc.**, Denver (CO), is pumping 20 barrels of oil and 250 barrels of water per day at their 3-10-15-20 North Trust located in the southwest corner of **Ellis** County. The wildcat well opens the Shooting Star oil field with Marmaton (Pawnee) oil pay coming from perforated depth between 3669 to 3674 ft. Southwind Drilling tools drilled the well to a total depth of 3883 ft in the NW/4 SE/4 of section 3- T15s- R20W, or eleven miles southeast of Ellis, Kansas. Operator selected drill site nearly two miles south of the Solburn Southeast field which also produced LKC oil.

(4) **American Warrior, Inc.**, Garden City (KS), has discovered Lansing-Kansas City oil reserves at the 1-11 Hammerschmidt, located in the NW/4 NE/4 of section 11- T10s- R19W. The wildcat well was drilled on a separated feature north of the multipay Vohs field, almost two miles southeast of Zurich, Kansas. Operator has completed the well for 8 barrels of oil per day, no water, from perforated depth between 3393 to 3396 ft. VAL Energy drilling rig bottomed the well at a total depth of 3730 ft. The new field has been named Vohs North.

(5) **Red Oak Energy, Inc.**, Wichita (KS), is producing an estimated 50 barrels of oil per day from the Lansing-Kansas City formation at the 1-35 FS / Frahm, located in the NE SE of section 35- T8s- R35W, in **Thomas** County. The well was drilled to a total depth of 4860 ft at site about eight miles southwest of Colby, Kansas, or four miles southwest of the Morgan field (Cherokee) oil field. The new field is named Seminary South.

(6) Elsewhere in **Wallace** County, **Red Oak Energy** has completed the 1-35 Prairie Wind, in 35-14 S-41W, NE SW NW SW for an estimated 50 to 75 barrels of oil per day to establish the Ladder Creek Northwest field about eight miles southwest of Sharon Springs, Kansas. The wildcat well found new Morrow reserves nearly one and one-half miles northwest of the Ladder Creek (Morrow) field.

(7) **Palomino Petroleum, Inc.**, Newton (KS), has opened the Broughton Northeast oil field in **Lane** County with the completion of the 1 Fay for 41 barrels of oil and 26 barrels of water per day. The well found productive zones in the Lansing-Kansas City and Mississippian formations. Wellsite lies in the SE NE of



section 10- T16s- R27W, over three-quarters mile northwest of the Broughton (LKC, Marmaton) field and three and one-half miles northeast of Pendennis, Kansas.

**(8) Shakespeare Oil Company**, Salem (IL), has discovered Lansing-Kansas City and Cherokee oil deposits at the 1-17 Foster, spotted in the SW SE of section 17- T14s- R32W, in **Logan** County. The well is producing crude from four zones in the LKC and the Johnson Zone. The 4550 ft deep well establishes new production one mile west of the multi-pay Chalk Buttes field, about sixteen miles southeast of Russell Springs, Kansas. The new field is named Chalk Buttes West.

**(9) Bach Oil Production, Inc.**, Alma (NE), has successfully completed three more wildcat wells in **Phillips** County in north central Kansas. All three producers have discovered oil deposits in the Lansing-Kansas City limestones within a six-mile square in T1s - R19W and all are situated from one and one-half to five miles southwest of the town of Woodruff, Kansas. No completion details have been released. First, the 1 Rodenbaugh is on pump in the SE NW SW of section 10- T1s- R19W. The well was bottomed at a total depth of 3625 ft using Murfin Drilling Company tools. The well lies almost two miles west of recently established LKC oil production in the Woodruff field which Bach Oil Production also discovered earlier this year. The new discovery opens the Woodruff West oil field..

**(10)** About one mile northwest of the K-V (LKC) oil field, Bach Oil Production has established the new Jack Creek field with the completion of the 1 Billy, located in the SE SE SW of section 34- T1s- R19W. The well was drilled to a total depth of 3675 ft. Bach Oil Production also opened the K-V field in October, 2010.

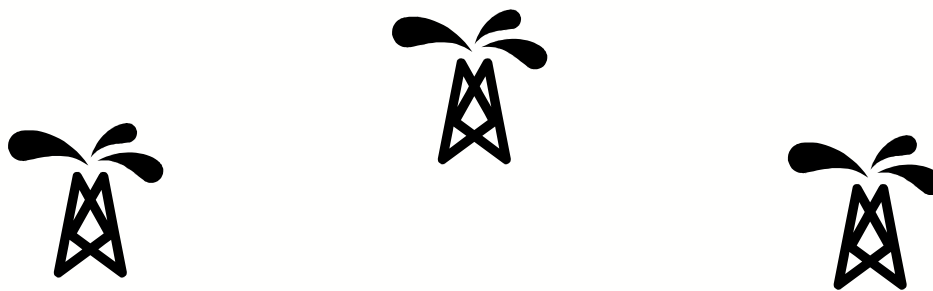
**(11)** Finally, the 1 GPW Unit, spotted in the SW NE SW of section 27- T1s- R19W, is producing 5 barrels of oil and 10 barrels of water from the LKC 'I' and 'K' zones from 3535 to 3584 ft overall. The 3641 ft deep well is located almost one and one-half miles northwest of the Huffstutter field which has produced LKC oil since 1943. The new field has been named Rimfire.

**(12) Downing - Nelson Oil Company, Inc**, Hays (KS), is pumping 65 barrels of oil per day, no water, at their 1-29 Hockersmith - Robben new pool discovery well in **Thomas** County. The well established the Ostmeyer Northwest field with well location drilled in the E/2 SW/4 of section 29- T9s- R31W, about nine miles southwest of Menlo, Kansas. The well is producing oil from Lansing-Kansas City perforations from 4349 to 4354 ft in depth. Total depth is 4710 ft.

**(13) Tug Hill Operating LLC**, Fort Worth (TX), has completed their first of twenty-eight horizontal wells permitted in Kansas. The 1-7H Bearden Trust was drilled at a surface location in the S/2 SE SE of section 7- T33s- R17W, almost eight miles southeast of the city of Coldwater in **Comanche** County. Horizontal lateral extended in a northerly direction into the N/2 NE NE of section 7. True measured depth (TMD) was reached at 9668 ft and true vertical depth (TVD) was 5121 ft. The Annamae Northeast pool opener was completed for a gas lift potential of 43 barrels of oil, 1933 barrels of water and 1029 Mcf gas per day from perforations between 5550 to 9595 ft MD.

**(14) H & C Oil Operating, Inc.**, Plainville (KS), has discovered new oil deposits at the 19-1 Dinges, SW SE NW SW in section 19- T17s- 26W, in **Ness** County. The wildcat well lies nearly one mile northeast of the Repshire Southeast field which was recently established by Palomino Petroleum, Inc. in section 25- T17s- R27W in **Lane** County. The field produces oil from the Lansing-Kansas City formations. H & C Oil's new find was targeting the Mississippian formation but producing zone is unknown at this time. Discovery Drilling tools drilled the well to a total depth of 4544 ft. The new field has not been named.

**(15) Larson Operating Company**, a division of **Larson Engineering, Inc.**, Olmitz (KS), has discovered oil deposits over three-quarters mile south of the active Sharp Seed (Lansing-Kansas City, Marmaton) oil field in **Lane** County. The new unnamed pool discovery was drilled by H D Drilling tools in the NE SE SE of section 10- T18s- R30W, or about one mile northwest of Amy, Kansas. Total depth is 4640 ft. No completion details are available. The LKC, Marmaton and Cherokee zones were noted as initial zones of interest.

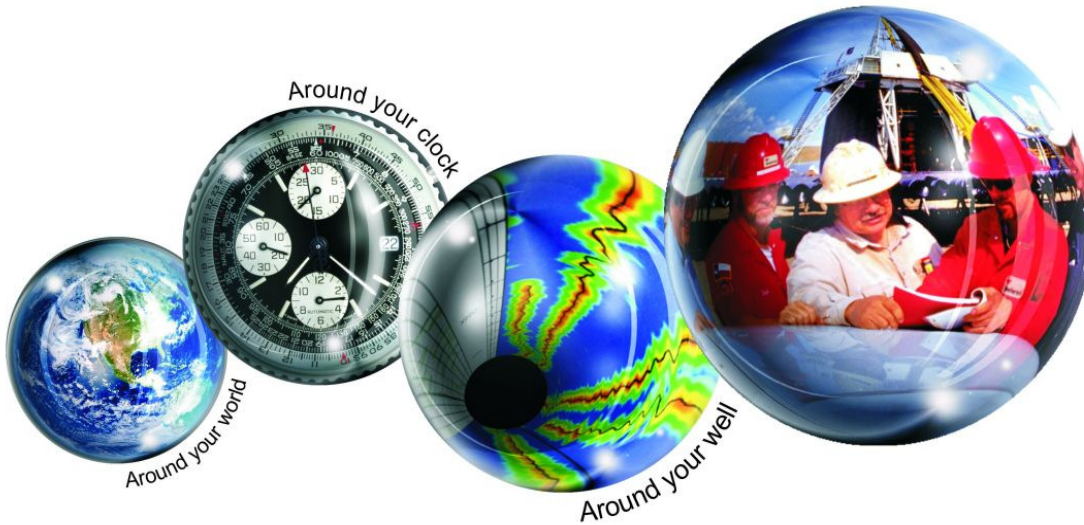


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Warren E. Tomlinson	01/00	2000	Donald Hollar	06/10	2010
James A. Morris	01/00	2000	Delbert Costa	08/10	2010
Eric H. Jager	03/00	2000	John Tanner	08/10	2010
Kenneth W. Johnson	03/00	2000	William (Bill) Owen	09/10	2010
Dean C. Schaake	03/00	2000	Harold (Hal) Brown	10/10	2010
Fred S. Lillibridge	05/00	2000	Edmund G. Lorenz	11/10	2010
Jerry A. Langrehr	07/00	2000	Thomas E. Black	05/11	2011
Clark A. Roach	07/00	2000	Wayne E. Walcher	07/11	2011
Floyd W. "Bud" Mallonee	10/00	2000	Henry F. Filson	07/11	2011
Ralph W. Ruuwe	09/00	2000	Thomas Ray	07/11	2011
Robert L. Slamal	02/01	2001	Edgar E. Smith	09/11	2012



**Weatherford®**



## 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](http://www.weatherford.com) or contact either your Weatherford or former Precision Energy Services representative.

Drilling | Evaluation | Completion | Production | Intervention

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**CHANGE SERVICE REQUESTED**

**KGS BULLETIN**  
 January - February 2013

**January 2013**

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

**February 2013**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5 <b>Tech Talk</b>	6	7	8	9
10	11	12 <b>KGS Board</b>	13	14 	15	16
17	18	19 <b>Tech Talk</b>	20	21	22	23
24	25	26 <b>Tech Talk</b>	27	28		