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KANSAS GEOLOGICAL SOCIETY

BULLETIN

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May—June 2012

IN THIS ISSUE

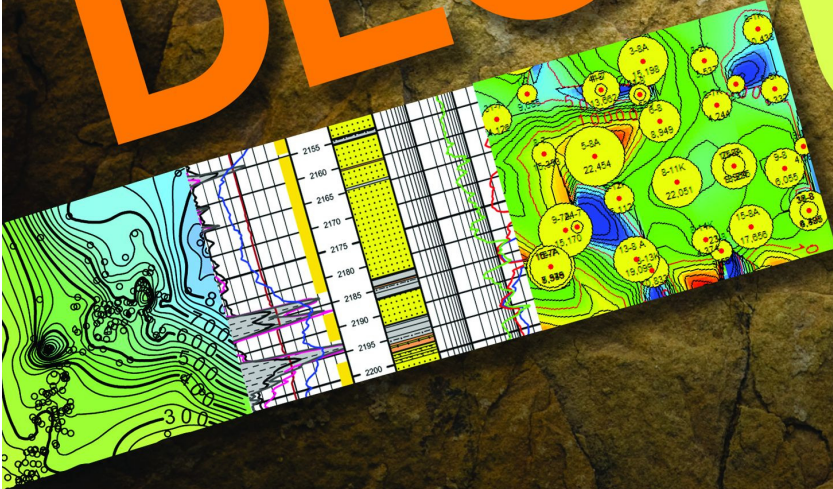
Memorial:
Graham Curtis

Field Conference:
Palo Duro Canyon

**KGS Golf Tournament
Registration**



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ON THE COVER:

View of Palo Duro Canyon, southeast of Amarillo in the Texas panhandle.

**AAPG Mid-Continent Section Field Conference is planned for October.
See details on pages 10—12**

CALL FOR PAPERS

The Kansas Geological Society Bulletin, which is published bimonthly both in hard-copy and electronic format, seeks short papers dealing with any aspect of Kansas geology, including petroleum geology, studies of producing oil or gas fields, and outcrop or conceptual studies. Maximum printed length of papers is 5 pages as they appear in the Bulletin, including text, references, figures and/or tables, and figure/table captions. Inquiries regarding manuscripts should be sent to Rebecca Radford, manager@kgslibrary.com or mailed to 212 N. Market, Ste. 100, Wichita, KS 67202. Specific guidelines for manuscript submission appear in each issue of the Bulletin, which can also be accessed on-line at the Kansas Geological Society web site at <http://www.kgslibrary.com>

SOCIETY Technical Meetings

Spring 2012 Schedule

May 1—Dr. Jim Puckette’s OSU class

May 15—WSU Students—Larry Richardson’s class

May 22—Bob Workman, “Flint Hills Story (with emphasis on geology)”

May 29—Paul Ramondetta— “Effects of Karstification on Arbuckle Oil Production”



There will be no Technical Meetings in June, July, or August
Talks will resume in September

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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<u>Membership</u>	Larry Friend
<u>Nomenclature</u>	John H. Morrison, III
<u>Picnic</u>	Marjorie Noel
<u>Public Relations</u>	Robert Cowdery
<u>Shooting Tournament</u>	Larry Richardson
<u>Technical Program</u>	Robert Cowdery
<u>Ticket Sales</u>	Bill Shepherd
Walters Digital	Marjorie Noel

A.A.P.G. DELEGATES

Robert Cowdery 2012	Douglas Davis 2012
------------------------	-----------------------

BULLETIN STAFF

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

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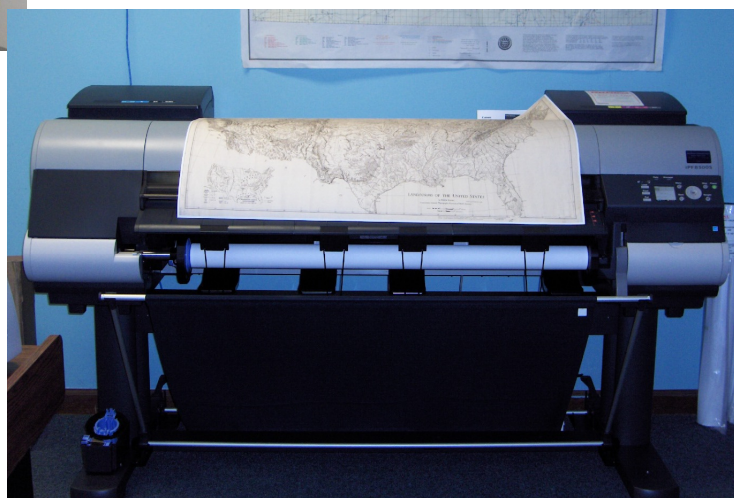


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President's Letter

Dear Members,

Melissa and I have just returned from the AAPG Annual Convention in Long Beach, California. We saw several of our KGS members there along with their spouses and friends. The technical talks, poster sessions, exhibits and all the rest were top-notch. It was uplifting to see so many optimistic young professionals and students in attendance, also.



One of the most impressive displays in the Exhibition Hall was a huge high-definition screen at Statoil's booth. A volume of 3D seismic was shown and rotated after we donned 3D glasses. Very neat! It had been over 20 years since I had attended an AAPG National Convention. I have been to many NAPE Expos in the meantime. I must say that the event in Long Beach was a welcome change of pace from NAPE. I also admit that I don't miss the traffic in either Houston or Long Beach/Los Angeles, however.

I encourage everyone to attend the Kansas Geological Foundation's Spring Mixer at the Wichita Petroleum Club on May 23 as well as the upcoming Kansas Geological Society Golf Tournament on June 22 at Hidden Lakes Golf Course in Derby, Kansas.

Respectfully,

Kent Scribner

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KGS Golf Friday, June 22

Hidden Lakes Golf Course

ADVERTISER'S DIRECTORY

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Full Page	B&W	Color
6 issues	\$2,000	\$2,500
3 issues	\$1,080	\$1,325
1 issue	\$480	\$525
1/2 Page		
6 issues	\$1,000	\$1,500
3 issues	\$540	\$825
1 issue	\$225	\$350
1/4 Page		
6 issues	\$600	\$900
3 issues	\$325	\$525
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1/8 Page		
6 issues	\$300	\$500
3 issues	\$175	\$325
1 issue	\$75	\$185
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From The Manager

Dear Members,

We now have on our production floor, a 44 inch color scanner and a 44 inch color plotter. Our plotter uses pigmented ink, so no fading over time. We have been scanning in old maps for members and they come out looking better than the originals! If you have large cross-sections, bring them in or email your files and we can handle the job now. We are very excited to offer our membership this service. See photos of these units on page 6.

One of the first things we scanned was a colored Betty Kellet cross-section. We have those for sale for \$50.00, printed out and ready to hang or frame.

What a beautiful spring we have been having (minus the tornado of course). Something new to announce this spring is the **Mid-Continent Section Field Conference**. All of the information is on page 10 & 11 of this Bulletin. The Section has decided to bring back Field Conferences on the off years of conventions. This year it is Palo Duro Canyon in Texas and is being hosted by the Panhandle Geological Society out of Amarillo. Looks to be a wonderful trip in a beautiful area of Texas. The trip will be in the fall, October 5-7.

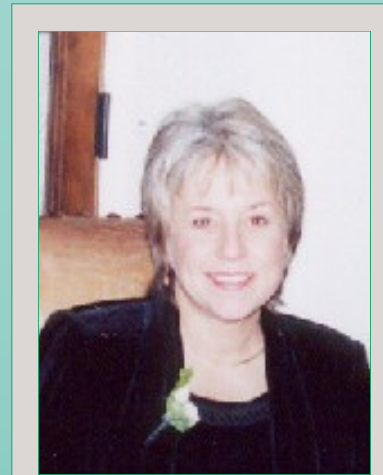
In June we will be holding the **Annual KGS Golf Tournament**. **Friday, June 22nd** to be exact. Back at Hidden Lakes course in Derby. Registration form is in this Bulletin and on our web page.

Would anyone like to become the newest editor of the Bulletin? Sal Mazzullo has had this role for several years now and would like someone else to take it over. I have put myself as interim editor in hopes that one of you would come forward and volunteer for this position. I do the physical work of putting the Bulletin together but I need someone to chase down some good papers for articles. Please consider.....!

Respectfully submitted,

Rebecca Radford

Manager



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ON THE ROCKS: PALO DURO CANYON

INAUGURAL AAPG MID-CONTINENT SECTION FIELD CONFERENCE
HOSTED BY THE PANHANDLE GEOLOGICAL SOCIETY IN AMARILLO, TEXAS

On behalf of the AAPG Mid-Continent Section and the Panhandle Geological Society, I invite you to join us in Amarillo, Texas for "ON THE ROCKS—PALO DURO CANYON" on October 5-7, 2012. Showcasing this three-day field conference will be a hiking tour of one of the most spectacular geologic laboratories in Texas, where you will explore the Permo-Triassic fluvial depositional sequences of Palo Duro Canyon, consisting of colorful sandstones, shales, and evaporites. Also featured will be a short course, technical sessions, and a beautiful sunset dinner in the Canyon. Highlighting the conference will be speakers and field trip leaders that include prominent AAPG members Ted Beaumont, Lee Krystinik, and George Asquith. An optional tour of the Panhandle-Plains Historical Museum in Canyon, Texas will wrap up the conference on Sunday morning and provide you the opportunity to see a renowned exhibit of the historical oil and gas industry in the Texas Panhandle. We hope you can join us!

John V. Miesse, General Chairman

FIELD CONFERENCE SCHEDULE

FRIDAY OCTOBER 5TH

AFTERNOON (starting at 2:00 pm)

- Optional Short Course – "Wireline Logging – Yesterday and Today"
Bob Mitchell and ThruBit Logging
- Poster Session and Icebreaker

EVENING

- Technical Session – Featuring Ted Beaumont and Lee Krystinik

SATURDAY OCTOBER 6TH

ALL DAY

- Palo Duro Canyon Hiking Field Trips
- Sunset Dinner at Palo Duro Canyon Pavilion
- Historic Panhandle Oil Field Film – Presented by Panhandle Plains Historical Museum

SUNDAY OCTOBER 7TH

MORNING

- Optional Tour of Panhandle Plains Historical Museum

REGISTRATION INCLUDES

- Field Conference Guide Book Including Road Log and Hiking Trip Logs
- USB Drive of Field Guide Book with several geologic papers included as a bonus
- Optional Short Course
- Icebreaker
- Lunch and BBQ Dinner in Palo Duro Canyon
- Transportation to and from Palo Duro Canyon

COMPLETE GUEST/SPOUSE ACTIVITIES WILL BE OFFERED AS WELL!

- Tour of the American Quarter Horse Museum
- Lunch on Historic Route 66 and Antique Shopping
- Cadillac Ranch
- Driving Tour Through Palo Duro Canyon
- Sunset Dinner with Field Conference Participants at Palo Duro Canyon

Continually updated information at www.mcsfieldconference.com,
or send your inquiries to info@gemworldevents.net.

ON THE ROCKS: PALO DURO CANYON

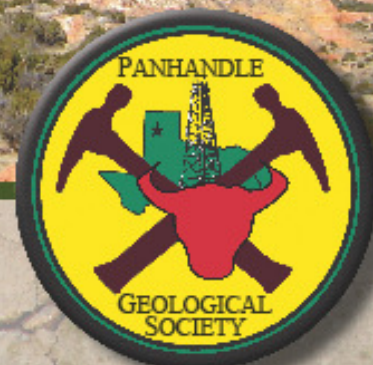
AAPG Mid-Continent Section

Presents:

**2012 Biennial Field Conference
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**Registration Opens
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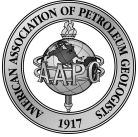
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About AAPG's GeoCare Benefits Insurance Program

As part of its membership benefits, AAPG is pleased to sponsor in the GeoCare Benefits Insurance Program, along with ten other professional associations. The GeoCare Benefits Program has been in existence since 1962 and offers insurance plans which have been tailored to the needs of association members.

The Program offers auto/homeowner, medical, term life, disability, dental, long term care, and several supplemental plans. It also offers an annuity buying service and an ID theft assistance program. One of the major advantages of these plans is their portability, for insured members may keep their coverage regardless of whether they are employed, work as independents, or are between jobs.

New members of AAPG under age 50 and employed are initially provided with two types of coverage at no cost to them or to AAPG. The first is \$30,000 of Term Life coverage provided for the first twelve months of membership; the second is a \$600 monthly Disability Income benefit, provided for the first six months of membership. At the close of the no-cost period, members have the option to retain the coverage by paying the premium or allowing it to lapse. New members who are students are provided with the Term Life insurance benefit.

The Program is overseen by the Committee on Group Insurance which takes its responsibility to the members very seriously. AAPG member Terry Hollrah chairs this Committee.

More information about AAPG's GeoCare Benefits Program, including the Plan descriptions, rates, and applications, may be found at www.geocarebenefits.com or by phone at **800-337-3140**.

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The KGF has an extensive collection of videos available for check-out at no charge.

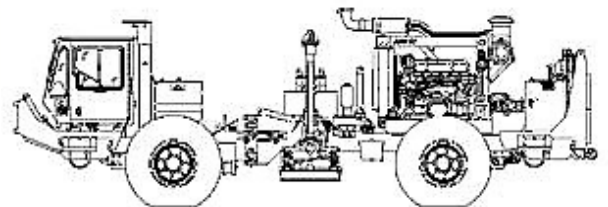
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Kansas Geological Society Board Minutes

March 13, 2012 - Mr. Scribner called the meeting to order at 11:36 AM.

- A. **Treasurer's Report**- Rebecca Radford presented Rocky the Treasurer's report for February 2012. **Doug Davis moved to accept the Treasurer's report as presented. Dave Clothier seconded the motion and the motion passed unanimously.**
- B. **Manager's Report**- Mrs. Radford presented the Manager's Report for February 2012. Monthly income was \$54,066.90 and expenses were \$46,602.83, making the profit \$7,464.07 for the month.

OLD BUSINESS

- A. KGS might have a booth at the SW Section Meeting Middle of May 2012, Cost \$650.00 (Table only).
- B. Equipment Search update. Salina Blue Print – Cannon IPF 8300S available for lease. Purchase of additional Neuralog Printer. **Doug Davis moved - Lease the new Plotter and purchase additional Neuralog Printer. Seconded by Dave Clothier. Vote Passed.**

NEW BUSINESS

- A. Potential new hire for Integration Project KGF, and for the KGS to provide Medical Insurance. **Dave Clothier Moved to do such, Doug Davis Seconded. Vote passed.**
- B. 2012 AAPG Long Beach Conference: 4 Students for Wichita State University want to attend. Doug Davis indicated we should spread the word in an effort to obtain donations to assist with their expenses.
- C. An idea of having an On-Line Membership Directory for KGS Members Only was presented.

Respectfully submitted by Robert P. Bayer II, Secretary

April 10, 2012 - Mr. Scribner called the meeting to order at 11:39 a.m.

FINANCIAL REPORT/MANAGERS REPORT

- A. Treasurer's Report- Rebecca Radford presented Mr. Milford's Treasurer's report for March, 2012. Two Accounts will mature in June 2012, it was recommended to move the money from these accounts to the INTRUST account at maturity. Motion was made to accept recommendations and passed. Tim Hellman moved to accept the Treasurer's report as presented. Doug Davis seconded the motion and the motion passed unanimously.
- B. Manager's Report- Mrs. Radford presented the Manager's Report for March, 2012. Monthly income was \$75,931.16 and expenses were \$48,936.16, making the profit \$26,995.00 for the month. Summary of KGS Membership: 703 Members, 175 Paper Library Members, and 225 Digital Library Members at end of March, 2012.

OLD BUSINESS

- A. Kansas Geological Foundation Annual Spring Mixer May 23, 2012 from 4:30 to 8:00 p.m. hosted at the Petroleum Club.
- B. New Equipment: 42" Context Color Scanner, and 44" Cannon Plotter utilizing non-fading ink. Monthly cost for equipment \$341.00 will be a profit center for the KGS
- C. WDL User Agreement Accepted as written
- D. Switch from Cyber Source to Pay Pal complete

NEW BUSINESS

- A. June and July 2012 Board Meetings will be conducted by e-mail.
- B. A page will be devoted in the May-June KGS Bulletin to the Mid-Continent Section for the upcoming Field Conference to promote the event.

Respectfully submitted by Robert P. Bayer II, Secretary



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The screenshot displays the Robert F. Walters Digital Geological Library website. The main content area features a search interface with the following fields and options:

- Search Wells** (Active)
- My Transactions**, **My Profile**, **My Account**, **KGS Home**, **FAQ**, **Sign Out**
- Section**: [Dropdown]
- API Number**: [Text]
- County**: [Dropdown]
- Operator**: [Text]
- Sort API Number**: [Dropdown]
- desc** [checkbox]
- Township**: 31 S
- Lease Name**: [Text]
- Depth**: [Text]
- Doc. Type**: [Dropdown]
- Sort**: [Dropdown]
- desc** [checkbox]
- Range**: 16 W
- Well No.**: [Text]
- Spot**: [Text]
- 54 found**
- Spud from**: [Text] to [Text] mm/dd/yyyy
- Show me** [Paper] [Digital-Buy] [Digital-List] [Search] [Clear] [Reset]

The table below lists the search results:

API No.	County	Sec	Twp	Rge	Operator	Lease Name	Well No.	Spot location	N S	E W	Spud	Completion	Depth	EI KB	EI OF	EI GL	Status
15-033-00022	COMANCHE	06	31S	16W	GULF OIL / SINCLAIR OIL / CARTER OIL	GALLUP-ROBBINS	1	...	SW NE	SE	2300 FSL	1990 FEL	10/11/1957	5100	2034		
15-033-00051	COMANCHE	36	31S	16W	MESSMAN-RHEINHART OIL CO	SCHUETTE EST B	1	...	SE SE	SE	660 FSL	1320 FEL	12/05/1960	4990	2001		
15-033-00054	COMANCHE	15	31S	16W	F. K. JOHNSON	ROBBINS	1	...	SW SW	SE	2310 FSL	2210 FEL	12/03/1954	5025	2052		
15-033-00059	COMANCHE	23	31S	16W	BARBARA OIL CO	ROBBINS UNIT	1	...	SE	SE	1320 FSL	1320 FEL	06/26/1953	4958	2037		
15-033-00060	COMANCHE	23	31S	16W	BARBARA OIL CO	ROBBINS B	1	...	SW	SE	1320 FSL	1320 FEL	07/03/1953	5465	2042		
15-033-00061	COMANCHE	23	31S	16W	BARBARA OIL CO	ROBBINS	1	...	SW	SE	1320 FSL	1320 FEL	07/03/1953	5465	2042		
15-033-00113	COMANCHE	36	31S	16W	INTER-SEA SERVICE	ROBBINS	1	...	SW	SE	1320 FSL	1320 FEL	07/03/1953	5465	2042		
15-033-10001	COMANCHE	14	31S	16W	BARBARA OIL CO	ROBBINS	1	...	SW	SE	1320 FSL	1320 FEL	07/03/1953	5465	2042		
15-033-10002	COMANCHE	10	31S	16W	BARBARA OIL CO	SHAW	1	...	SE NE	SW	4290 FSL	2970 FEL	02/27/1953	4930	2006		

Overlaid documents include:

- Completion Card - IOG**: Preview free, Buy PDF \$2.00, Buy TIF \$2.00. 2 pages, ID 148220, 15-033-10002.
- Drill Stem Test**: Preview free, Buy JPG \$0.50. 1 page, ID 1015744, 15-033-10002.
- Barbers Oil Company**: Letterhead with address: Home Office: Great Bend, Kansas P.O. Box 393 Gladstone 37.
- LATEROLOG SURVEY**: Form with handwritten data including well name 'LATEROLOG 3', location 'COMANCHE CO. KANSAS', and remarks.

Report on American Association of Petroleum Geologists Annual Meeting

The annual meeting was held in Long Beach, California with a good representation of KGS geologists and other geologists from the Mid-Continent area.

Attending were Wes Hansen, Orvie Howell, Doug Davis, Ernie Morrison, Rex Buchanan, Lynn Watney, Joel Alberts, Jerry Honas, Kent Scribner, Gary Sandlin, and Mike Maroney.

Also attending were Wichita State students: Kyle Day, Clark Gilbert, Jan Warusavitharana, and Mozhdeh Mobayen. Their attendance was the result of a fund raising campaign by Doug Davis and Ernie Morrison.

Ernie also chaired the Mid-Continent section meeting also attended by Doug Davis and Doug was a delegate to the House of Delegates meeting on Sunday.

Among the attendees were several Ex-Presidents of the KGS including: Dr. Lynn Watney, Doug Davis, Orvie Howell, and Ernie Morrison as well as the current President, Kent Scribner. Dr. Watney spent most of his time helping to man the Kansas Geological Survey's booth.

Memorial - Graham Curtis



After returning from WWII to his home town Redfield, Iowa, where he had enjoyed hunting and exploring, he expanded this love by pursuing Geology. He attended Cornell College then completed his studies and the University of Iowa. He felt the Hawkeye mascot suited him well. Kennecott hired him and sent him to Montana and it was in Billings, his friend Bob Brady set him up with a blind date - skiing at Grizzly Peak in Red Lodge, MT. A bright, beautiful brunette named Barbara didn't care for him much. When they reached the top of the chairlift and he took off on his own, leaving her to very slowly make her way down by herself. Thinking him obnoxious her mind was changed after he took her to dinner to the Skyline Club, fanciest restaurant in Billings. Graham was truly smitten when she crashed his 32' Ford into a local lamp post and he had to pay the city for replacement. In years to come with many visits to Billings with his children he would always find time to drive by the lamp post and declared he owned it.

Graham's keen sense of humor reared its head in many ways, but one trick that gave him endless pleasure wherever he lived, was epoxying a nickel, dime, or quarter (inflation) on the sidewalk outside of his office window, our front porch, or driveway and watched people trying to pick it up. Or who could forget his unofficial club "big deals that went nowhere" and gave printed cards to friends, who like himself had at least two big deals that belied up. It was a dubious honor to receive one of these cards!

Throughout his life, Graham thrived when deeply involved in projects of any sort. His love of the west and its early history of exploration manifested itself into a 375 print collection of the 19th century of the expedition artist. This art show - "Saga of the American West in Prints" enjoyed numerous museum exhibitions, newspaper write ups, and accolades as the only collection of its kind in existence. Its last showing was January-April 2011 at the Arvada Center of arts and humanities. The center would love to acquire it and we hope this will come to pass.

After 25 yrs with Gulf Oil, residing in Kansas, Nevada, Utah, Louisiana, Wyoming, and finally Colorado. Graham began Gold Cup Exploration in 1977. He had finally made it back to his beloved Rockies and he intended to stay.

Graham had a deep rooted integrity and sense of responsibility. Our family only recently learned Graham had spent many, many, long hours at the School of Mines researching and obtaining accurate longitude and latitude enabling his friend Lindsey Maness, to create accurate maps of Afghanistan, Iraq and middle eastern countries providing safe passage for our troops and military convoys. These maps, sent via computer right to the humvee's and laptops of our troops, display possible ambush points, communication blackout and availability points. Mr. Maness told us that without Graham's effort, none of these precision maps would have been possible and Graham probably saved 100's if not 1000's of lives. Graham, believing this to be his duty, never mentioned this work, not even to his wife Barbara.

Graham and Barbara spent almost 60 full years together, rarely leaving each others side. They traveled to China, Japan, Turkey, Greece, Poland, Italy and Britain. Dad thought he would kill them both trying to navigate the back roads and hedge rows of England and Scotland during a month long road trip planned by Barbara.

Graham spent his life trying to solve the energy needs of our country. Gathering friends together, he believed collaboration of these bright minds could resolve the challenges we face, and create a better future. He fought against big government involvement, crying "GFOG- Gut Full of Government". On New Year's Day he made a yearly trek to the confluence of the South Platte and Cherry Creek, to drop in a symbolic tea bag and speak of freedoms lost and his ideas for combating future encroachment.

Graham would be pleased and honored if some young geologist would take up the torch and continue his fight against unfair policies and regulations with science, knowledge and perseverance.



Earth Day 2012 -by Mike Dealy

Efforts by the Kansas Geological Society, Kansas Geological Foundation and the Kansas Geological Survey, were successful with entering and staffing an educational exhibit during Boeing Earth Day, April 19, 2012, Wichita, Kansas. The goal of the exhibit was to educate students about: 1) the Rock Cycle, and 2) How rock is recycled.

Boeing officials advised attendance at the event was nearly 7,000, up about 500 from last year. Weather cooperated somewhat this year with no rain, partly cloudy and windy conditions.

Attendance at the exhibit was about the same as last year with nearly 1,500 students visiting the exhibit. Exhibit attendance was a result of the exhibit's working model of a volcano and hands-on rock samples, see exhibit images ⁽¹⁾.

Exhibit volunteers distributed approximately:

- 1) 1,000 recycle, reuse and reduce pencils
- 2) 25 Rock Cycle lesson plans for educators
- 3) 160 Geologic time bookmarks
- 4) 50 Rock sample trays for educators
- 5) 15 USGS plate boundary maps for educators
- 6) 150 KGS geologic map of Kansas post cards
- 7) 25 KGS generalized geologic map of Kansas for educators
- 8) 50 Continental drift sheets for educators
- 9) 50 geologic posters for educators

Special thanks to: Kent Matson, Matson Geological Services; Tom Hansen, Bittersweet; Chuck Brewer, GSI; Bob Cowdery, Kansas Geological Foundation, Ernie Morrison, Mull Drilling; Debbie Fitzgerald, Kansas Geological Foundation, and Doug Davis, Kansas Geological Society



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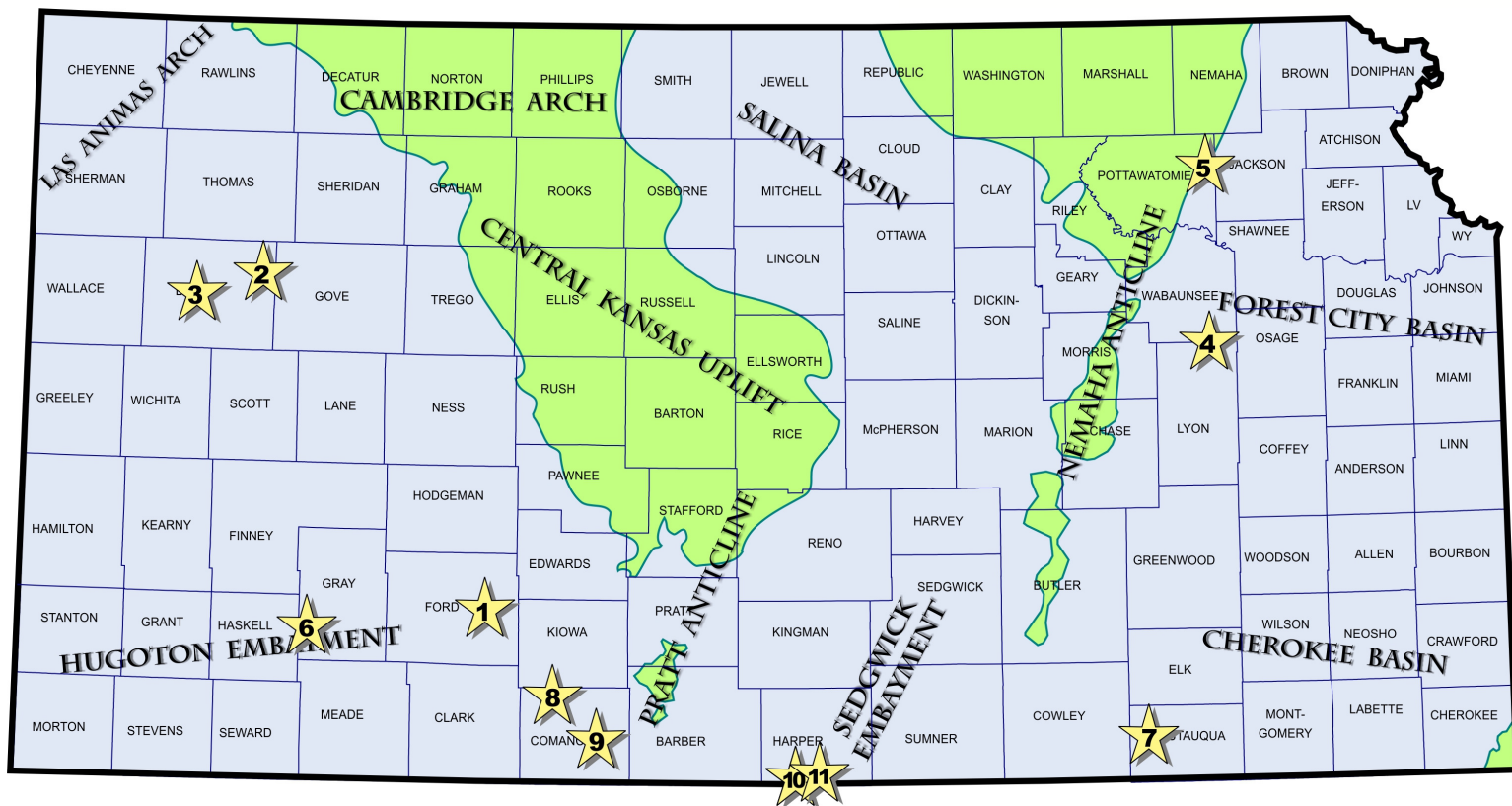
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Exploration Highlights

By John H. Morrison, III
Independent Oil & Gas



(1) **Ritchie Exploration, Inc.**, Wichita (KS), has discovered a new gas reserve at a remote wildcat site located about three and one-half miles northwest of Ford city limits in **Ford** County. New discovery was made at the #1 Henry 18-BC which was drilled by Murfin Drilling tools in approximately NE NW SW in section 18- T27s- R22W. The 5,320 ft deep well is producing gas from an undisclosed formation and production volume is confidential. Discovery site lies over three miles northeast of known Mississippian gas production in the Steele field, as well as Cherokee and Mississippian gas production in the Konda West and Konda North fields respectively. The new field has been named Fox Ridge.

(2) Elsewhere, **Ritchie Exploration, Inc.**, Wichita (KS), has established the new Sky Chief oil field in **Logan** County, almost three miles northeast of nearest production in the Younkin North oil field. The #1 Engel 1-A was drilled to a total depth of 4770 ft at site in approximately SW SE NE in section 1- T12s- R32W, or six and one half miles southeast of Oakley, Kansas. No details have been released regarding the pay zone. Mississippian formation was the primary focus of exploration, however the Lansing-Kansas City and Cherokee formations have also produced oil in the immediate vicinity.

(3) **Wold Oil Properties**, Casper (WY), is producing Lansing-Kansas City oil at the rate of 8 barrels of oil per day, no water, at the #1-2 Siruta new pool discovery in **Logan** County. The wildcat well is producing 36 degree gravity crude from the Altamont limestone member of the Marmaton Group through perforations shot from 4,272 to 4,278 ft. Total depth is in the Mississippian formation at 4,708 ft. The well establishes the Fantasia South pool. The Siruta wellsite is located in approximately NE SW SE in section 2- T13s- R35W, about two

and one-quarter miles north of Russell Springs, Kansas. Lansing-Kansas City oil production is noted in the Fantasia field that lies slightly over one mile north of Wold's new discovery. Closest Marmaton production lies about four and one half miles away in section 35- T12s- R35W in the Winona field. The Winona pool produced over 111,500 barrels of oil from the Fort Scott member from 1978 to 1983 when production was abandoned.

(4) **John O. Farmer, Inc.**, Russell (KS), has a new Simpson Sand oil discovery in **Wabaunsee** County, northeastern Kansas. The #1 Waugh 'B' is on pump producing an undisclosed amount of crude at site located in approximately NE NW SW in section 18- T15s- R12E, or eight miles southwest of Eskridge, Kansas. Ron Gulick Drilling tools were used to drill the well to a rotary total depth of 3,130 ft. Discovery site lies slightly over one mile south of known Simpson production in the Waugh field.

(5) **Daystar Petroleum, Inc.**, Eureka (KS), selected a remote drill site in **Pottawatomie** County that is situated nearly three and one-half miles southwest of the Casey (Viola) oil field. The #1-19 Pfrang was drilled to a total depth of 3,398 ft in approximately SW SW SW in section 19- T7s- R12E. The result was the discovery of Viola oil deposits and the establishment of the Noxie oil field. Daily production volume remains confidential. Field area is located five miles southeast of the town of Onaga, northeastern Kansas.

(6) **American Warrior, Inc.**, Garden City (KS), has successfully established new Morrow oil production in southwestern **Gray** county with the completion of their #2-17 Shadow. The new Shadow pool discovery well is on pump at an

undisclosed production rate at site located in approximately NE SE NW in section 17- T28s- R30W, or five miles north of Copeland, Kansas. Operator used 3-D seismic to locate the new reservoir which is situated nearly one mile south of other Morrow wells in the established Renegade Southwest field in sections 8 and 9. This is the fourth successful Morrow producer for American Warrior in Gray County. The first well was completed in 2005 in the McQueen field in northern Gray County. In November last year the firm added another oil producer to the McQueen field. The same month American Warrior completed a Morrow producer in the Cecil field, north of the McQueen field. American Warrior discovered the Cecil field in 2005 with Mississippian oil.

(6) **R & B Oil & Gas**, Attica (KS), has successfully washed down the #A-1 Bock “show hole” that was plugged and abandoned in 2003, then completed the wildcat well for 20 barrels of oil, 160 barrels of water and 10 Mcf gas daily in **Reno** County. The well was originally drilled to a total depth in the Viola at 4275 ft. R & B cleaned out the old hole and ran production casing to 4146 ft. Perforations were shot in the Mississippian formation from 3924 to 3934 ft. Top of the Mississippian Chert was logged at 3922 ft. The new Goose Creek pool discovery is situated over one and one-half miles east of the established Lerado field, or eight miles southeast of Langdon, Kansas.

(7) **Nadel & Gussman LLC**, Tulsa (OK), is producing an unknown amount of crude oil from the first of six horizontal well prospects that have been staked and/or drilled in **Chautauqua** County, eastern Kansas. The #1-A (7-33-9H) Fulsom Ranch, spotted in the NW/4 of section 7- T33s- R9E, is producing oil from the Mississippian limestone at site located over three-quarters mile northeast of established Cherokee (Cattleman Sand) oil production in the Cloverdale field. Several dry holes separate the two producing areas. The well was drilled to a measured depth of 5502 ft. No other details have been released. Well site lies about six miles northeast of Cedarvale, Kansas. The new field has been Cloverdale Northeast.

(8) **SandRidge Exploration & Production LLC**, Oklahoma City (OK), is preparing to begin completion work soon on four recently drilled horizontal wells in **Comanche** and **Harper** counties, southern Kansas. Four and one half inch production liner is in place and logs are currently being run to further evaluate shows. The wells will test Mississippian limestone potential reserves. In Comanche County, the #1-30H Larry was drilled to a true measured depth (TMD) of 9527 ft in the N/2 NW NW of section 30- T31s- R19W. The nearly 4800 ft long lateral ran in a southerly direction in the SW/4 of the same section. True vertical depth (TVD) is 5186 ft. The well is part of the Arlie field, located about five and one-half miles northwest of Coldwater, Kansas.

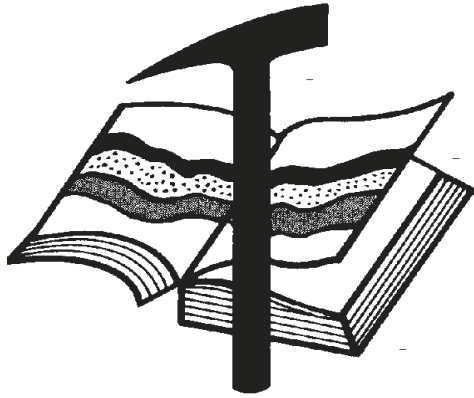
(9) The 1-34H Sarah has just finished drilling in the NW NE NW NW of section 34- T33s- R17w, also in Comanche County. The Beals pool development well was drilled to a TVD of 5116 ft and reached a TMD of 9707 ft. Bottom hole location of the lateral was due south in the SW/4 of the same section. Well site is located about twelve miles southeast of Coldwater, Kansas.

(10) In Harper County, SandRidge drilled a wildcat well over six miles from closest established production in the vicinity. The #1-14H Lit Trust, spotted in approximately S/2 S/2 SW SW of section 14- T35s- R8W, was drilled to a TVD of 4857 ft and a TMD of 9880 ft. The lateral extended in a northerly direction into the SW/4 of section 11. The well lies less than a mile east of the Waldron city limits.

(11) Finally, the #2-17H Bernice has completed drilling operations in section 17- T35s- R7W, Harper County. The well was drilled at a surface location in approximately SW SE SW SW and ended at a lateral bottom hole location to the north in the NW/4 of section 8. TVD was reached at 4850 ft and TMD was 11,132 ft. The well is part of the newly established Okan field, near the Oklahoma line. Well site lies four miles east of Waldron, Kansas.



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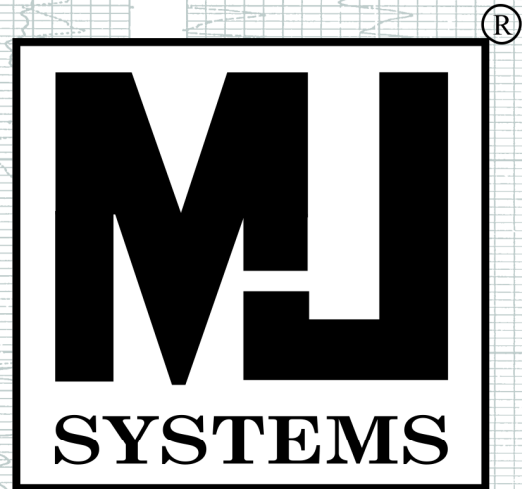
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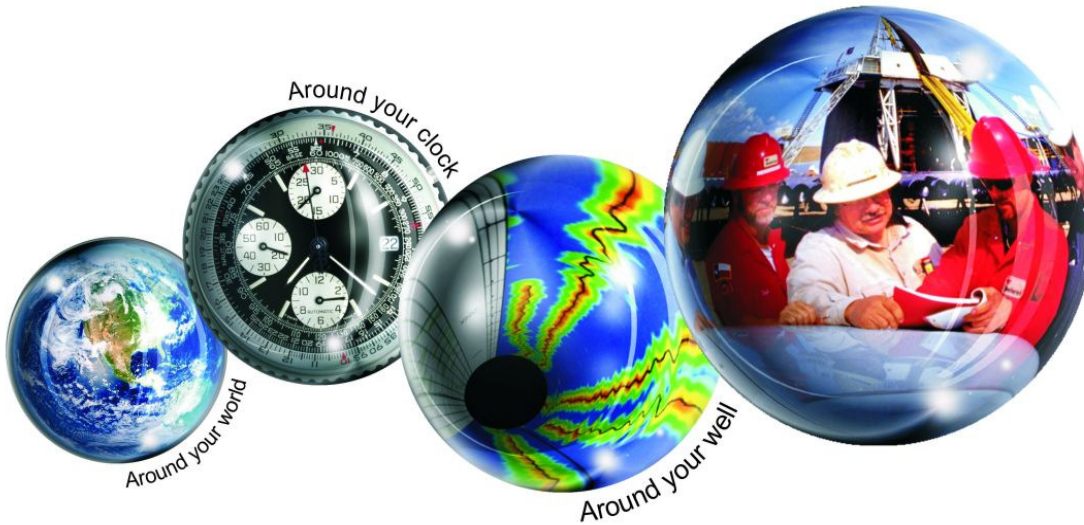
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R. Kenneth Smith	04/97	1997	Marvin Douglas	12/06	2006
Robert L. Dilts	05/97	1997	Robert W. Hammond	04/07	2007
Delmer L. Powers	06/72	1997	Eldon Frazey	04/07	2007
Gene Falkowski	11/97	1997	Pete Amstutz	05/07	2007
Arthur (Bill) Jacques	01/98	1998	Charles Spradlin	05/07	2007
Bus Woods	01/98	1998	Donald R. "Bob" Douglass	09/07	2007
Frank M. Brooks	03/98	1998	Vincent Hiebsch	11/07	2007
Robert F. Walters	04/98	1998	Glen C. Thrasher	03/08	2008
Stephen Powell	04/98	1998	Peg Walters	06/08	2008
Deane Jirrels	05/98	1998	Theodore "Ted" Sandberg	07/08	2008
William G. Iversen	07/98	1998	James Ralstin	11/08	2008
Ann E. Watchous	08/98	1998	Earl Brandt	04/09	2009
W.R. "Bill" Murfin	09/98	1998	Walter DeLozier	05/09	2009
Donald L. Hellar	11/98	1998	Don D. Strong	01/10	2010
Joseph E. Rakaskas	01/99	1999	John Stone	02/10	2010
Charles W. Steincamp	02/99	1999	Craig Caulk	03/10	2010
Robert and Betty Glover	10/96	1998	Joseph E. Moreland, Jr.	03/10	2010
Howard E. Schwerdtfeger	11/98	1999	Gene Garmon	03/10	2010
W. W. "Brick" Wakefield	03/99	1999	James F. Dilts	05/10	2010
V. Richard Hoover	01/00	2000	Jerry Pike	05/10	2010
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			



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KGS BULLETIN
 May—June 2012

May 2012

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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20	21	22 tech talk	23 KGF Spring Mixer	24	25	26
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