



KANSAS GEOLOGICAL SOCIETY BULLETIN

Volume 80 Number 2

March—April 2005

IN THIS ISSUE...

- 12 Member Profile: Don Shawver**
- 14 Memorial: Walter Wilkinson**
- 16 KGS Annual Banquet Highlights**
- 26 Memorial: Mervyn Mace**

THIS MONTH AT THE KGS

Mar. 2—Dan Hitzman, Tulsa, OK,

Mar. 9—Alan DeGood

Mar. 16—Jerry Hodgden

NEXT MONTH AT THE KGS

April 6—Dr. Steve Gao

April 13—Allen Gilmer

April 20—Dennis Wike

SHOPPING_{FOR} Well Log Data?

- World's Largest Online Well Log Collection
- World's Largest Digitizing Capacity
- Internet Access Via LOG-LINE Plus!®
- Multiple High-Quality Data Formats Available
- Proven Data Management Solutions
- Integration Via SilverWire™



Your Well Log Data Marketplace

Have you seen us lately?
www.a2d.com

A2D Technologies, a TGS-NOPEC Company

Houston +1 281 319 4944 • Denver +1 303 623 3211 • New Orleans +1 504 524 3450 • Oklahoma City +1 405 848 4407



KANSAS GEOLOGICAL SOCIETY

BULLETIN

Volume 80 Number 2

March-April 2005

CONTENTS

5	Society Meetings	20	Letter to the Editor
6	Editor's Page	22	Scanning Project Update
7	President's Letter	24	Kansas Geological Foundation
9	Critter Contest	25	KGF Memorials
10	KGS Committee Chairmen	26	Memorial: Mervyn Mace
12	Honorary Member Profile	27	Letter from KGF President
14	Memorial: Walter Wilkinson	28	Exploration Highlights
15	From The Manager's Desk	30	Professional Directory
16	KGS Banquet Highlights	31	Advertisers' Directory

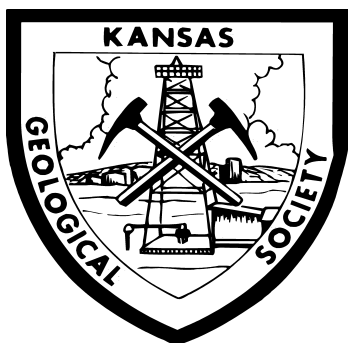
ON THE COVER

This month we have two memorials, Mervyn Mace pg. 26 and Walter Wilkinson pg. 14.

Our profile this month is on Don Shawver on page 12.

Starting on page 16, view photos of the Banquet.

The KGS *Bulletin* is published bi-monthly by the Kansas Geological Society, with offices at 212 North Market, Wichita, Kansas 67202 Copyright ©1993, The Kansas Geological Society. The purpose of the *Bulletin* is to keep members informed of the activities of the Society and to encourage the exchange and dissemination of technical information related to the Geological profession. Subscription to the *Bulletin* is by membership in the Kansas Geological Society. Limited permission is hereby given by the KGS to photocopy any material appearing in the *KGS BULLETIN* for the non-commercial purpose of scientific or educational advancement. The KGS, a scientific society, neither adopts nor supports positions of advocacy, we provide this and other forums for the presentation of diverse opinions and positions. Opinions presented in these publications do not reflect official positions of the Society.



KANSAS GEOLOGICAL SOCIETY

Established 1925

EDITOR

Wes Hansen 263-7313
e-mail bulletin@kgslibrary.com
whansen@msn.com

Kimberly Dimmick-Wells: Assistant Editor
kdimmickwells@sctelcom.net

Sal Mazzullo: Technical Editor
dolomite@cox.net 978-7211

STAFF

ADVERTISING

Kent Scribner
Stelbar Oil Corp. 264-8378

PROFILES/MEMORIALS

Robert D. Cowdery
Consultant 267-9030

EXPLORATION HIGHLIGHTS

John H. Morrison, III
Independent O&G 263-8281

STATE SURVEY

Rex Buchanan
KS Geological Survey (785) 864-3965

SOCIETY NEWS

KGS Library 265-8676

EDITOR EMERITUS

Larry J. Richardson 262-8427

LIBRARY MANAGER

Rebecca Radford 265-8676

BOARD OF DIRECTORS

PRESIDENT

Alfred James, III

PRESIDENT-ELECT

Charles E. Brewer

SECRETARY

Steve Stribling

TREASURER

Bryce Bidleman

DIRECTOR

Thomas Hansen

DIRECTOR

Phillip M. Knighton

DIRECTOR

Bill C. Romig

ADVISOR

Jon Callen

ADVISOR

Derry Larson

A. A. P. G. Delegates

Ernie Morrison	2008
Robert Cowdery	2006
Alan DeGood	2006

K.G.S. LIBRARY

PHONE 316-265-8676 FAX 316-265-1013
email: frontdesk@kgslibrary.com or manager@kgslibrary.com
Web: www.kgslibrary.com

KANSAS GEOLOGICAL SOCIETY TECHNICAL PROGRAMS

SPRING SCHEDULE

- Mar. 2—Dan Hitzman, Tulsa, OK, “*Ames Hole Impact Structure*”
March 9 — Alan DeGood, “*New Legislation*”
March 16 — Jerry Hodgden, “*Different Interpretation of the Nemaha*”
April 6—Dr. Steve Gao, “*Earthquakes in Northeast Kansas*”
April 13—Allen Gilmer, Drillinginfo, “*The Upcoming Oil and Gas Boom*”
April 20—Dennis Wike, “*Due Diligence and Bownsfeld*”
May 4—Dr. Rolfe Mandel, “*Search for Pre-Clovis Archaeological Sites in the Midcontinent: A Geoarchaeological Approach*”
May 11—Ethics Panel
May 18—Tom Hansen, “*Global Warming and Global Cooling*”

All technical meetings are held at 12:30 p.m. in the Bank of America Auditorium 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.

Two KGS members being inducted into the Kansas Oil & Gas Hall of Fame

Congratulations to **J. Paul Jennings**, one of our former KGS presidents, and **James R. Daniels**, General Manager of Murfin Drilling Co., Inc. for being elected to membership in the prestigious Kansas Oil & Gas Hall of Fame.

Paul would like to invite all KGS members to attend but especially those KGS members with whom he has worked, from time to time, throughout his career. Seating at Paul's reserved table can be arranged by calling him at 480-471-1605 or by emailing him at jjp1237@cox.net, before March 1, 2005.

The dinner and induction ceremony, with entertainment and government dignitaries, will be held in Great Bend, Kansas on the evening of April 2, 2005.
at the Highland Manor Convention Center
3017 West 10th Street

Tickets: \$20.00 / person
Tickets can be purchased by contacting:
Danny Biggs - 620-793-5742
or
Tim Miller - 620-792-4388

EDITOR'S PAGE



Dear KGS members and friends,

I am still staying busy, but I am making sure that I fill my space this issue.

I regret that I missed this year's Annual Banquet, but living 30 miles from town during inclement weather leads to one having to cancel plans. The roads were horrible that afternoon when I headed home to change for the evening's festivities. When Betty got home from school that afternoon, I decided another 60 mile round trip would not be prudent. I trust those in attendance had a great time. My congratulations to Walter Martz and George Mueller (past and current "coffee buddies" from Landmark Square) on their Honorary Memberships.

Our illustrious KGS President, Fred James, contacted me recently to ask me to make Sal Mazzullo the Technical Editor of the KGS *Bulletin*. Sal has from time to time submitted technical articles for the *Bulletin*, much to my delight. I had previously asked the other geology departments at Kansas Universities to submit articles pertinent to Kansas or the Mid-Continent from either professors or graduate students, but never received any input except from Wichita State University via Sal Mazzullo. It is my hope that Sal will be able to prod other departments and colleagues for articles on a regular basis.

With regard to my personal life, much has happened, lately. I had been experiencing some periodic chest pains in the past several months, so I finally decided to visit my doctor for a physical. It turned out that my occasional acid reflux was causing the symptoms I had been experiencing. The doctor, however, scheduled me for both a visit to the sleep clinic to check for apnea and a cardiologist for a stress test. The sleep test showed that I did have apnea on some level, but the two worst nights of sleep

in my life occurred at the sleep center. I don't know how that problem will work out. My visit to the cardiologist showed a couple of red flags, so I went in for a heart catheter procedure. Fortunately, no blockage was seen. I will still be taking medication for my apparent tendency for extra heart beats.

I would like to stress to the membership that we are all getting older, so do take the time to keep your health checkups current. I felt that even though I might miss lots of work, getting any needed surgery done would enable me to be able to make this summer's Hawaiian cruise. I would not want Betty to go without me.

Keep working on your prospects! We all need to "make hay while the sun shines."

Wes

FROM THE TECHNICAL EDITOR

In addition to providing important news and information, the KGS Bulletin also has periodically published technical papers for which there has been much interest and considerable positive feedback from the KGS membership. In order to continue to showcase Kansas geology and provide a forum for geological discussions, KGS President Fred James has asked me to promote this scientific aspect of our society by serving as Technical Editor for the Bulletin, and I have agreed to do so.

Hence, in addition to its traditional content, the Bulletin now invites short papers (4-5 pages as will appear in the Bulletin) on any aspect of geology, including petroleum geology, stratigraphy, sedimentology, structural geology, and so forth, that might pertain to the geological sciences in general and to Kansas in particular. Studies of producing Kansas oil/gas fields are particularly welcome. I'm hoping that we can have technical papers in all future issues of the Bulletin. In the next issue I will provide specific guidelines for manuscript submission (e.g., organization, length, reference citation style, etc), along with a technical paper to which potential authors can also refer as an example.

I look forward to serving the KGS and the Kansas geological professional in my new capacity, and personally invite all of you to write something down and submit it for publication in your Bulletin.

Sal Mazzullo

PRESIDENT'S LETTER



Creativity – an essential ingredient in science...
in arts

The artist, the improvising or composing musician starts with a good knowledge of what is known, then reaches farther into the unknown, sometimes revising, restating, less often breaking real new ground. A friend of the great jazz trumpeter, Miles Davis, once said to him, "Miles, my man, I luvya, but I can't understand what you're doing now." Miles' answer: "Should I wait for you?"

We geologists have the same kind of challenge...from the known (the contents of our library, for instance) to the unknown... your prospect, thesis, your paper. Some experiments fail, in the arts and in science, but the search continues. Imagination and creativity are the fuel. The research scientist offers new ways of thinking, new insights, new tools. Sal Mazzullo's fine paper in the last "Bulletin" is an example of this, and I hope we publish more of this kind of science.

The annual KGS banquet January 28 was, as always, a great opportunity for geologists of all ages and specialties to get together...from stu-

dents to longtime and honored veterans. We are indeed a fraternity" (generic) and we do appreciate and encourage each other. It is a wonderful dynamic.

Fred James

Black Gold

Drilling crew arrived for the night
The bit is turning all is right
Tan mud is flowing from the hole
The search is on for Black Gold

Crew changed into oily overall and hardhat
Chew in mouth, glove on hand, action at last
Driller to the brake, crew on tongs and chain
Kelly out, drill pipe in hole to make change

Over and over they do the same, to reach the goal
Anticipation is high for the Black Gold
Into earth bit goes to find zone that pays
Deeper and deeper will this be the day?


Search is on for the oil the color of tar
Driller says, "I see the lights of an investor car"
Geologist looks at samples through the scope
Black light illuminates gold that spawns his hope

Looking in the microscope for a sign
Quest is ended, lots of oil and just in time
Old driller knows he smelt it with his nose
The geologist declares we have Black Gold


Into doghouse investors had began to flow
Covered with oil as well began to blow
Oh my, this took lots of muscle and mind
Nothing can top the thrill of a great find

Black Gold 8
Bill Johnson
Norma Johnson
12/05/2004
2005

Established 1926



WESTERN KANSAS **EASTERN COLORADO** **SOUTHERN NEBRASKA**
OKLAHOMA PANHANDLE

9 Drilling Rigs  **10 Well Servicing Rigs & Roustabout Services**

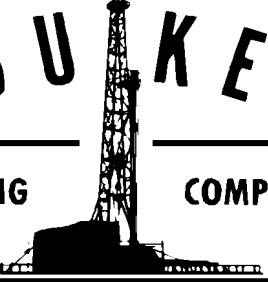
For contract information: For contract information:

Mindi Whyte
 Drilling Department
 316-858-8671 (Direct Line)
 250 N. Water, Suite 300
 Wichita, KS 67202

Alan Hayes
 Well Service Supervisor
 785-421-2102
 East Highway 24
 Hill City, KS 67642

DUKE

DRILLING COMPANY



ROTARY DRILLING CONTRACTOR

620 Hubbard — PO Box 823
 Great Bend, KS 67530
 Phone 620-793-8366

100 S. Main, Ste. 410
 Wichita, KS 67202
 Phone 316-267-1331
 Fax 316-267-5180

ABERCROMBIE RTD, INC.

Rotary Drilling Contractor

Operating 4 Rigs in Western Kansas & NW Oklahoma

150 N. MAIN SUITE 801
 WICHITA, KANSAS 67202-1383
(316) 262-1841





GREENSBURG OILFIELD SERVICES
 P.O. Box 816
 Greensburg, KS 67054

<ul style="list-style-type: none"> * Hot oil treating * Paraffin removal * High pressure pumps * Oilfield tank cleaning * Power washing * Fresh and salt water hauling 	<ul style="list-style-type: none"> * Bulldozers * Motor grader * Vacuum Truck * Steamer * Fully Insured * Work Guaranteed
--	---

TOLL FREE 800-794-7806

Greensburg, KS • 316-723-2112
 Pratt, KS • 316-672-6044
 Great Bend, KS • 316-793-9790

Great Bend
(620) 793-5861

Ness City
(785) 798-3843

Medicine Lodge
(620) 886-5926

ALLIED

CEMENTING CO., INC.

Acidizing Available at Medicine Lodge District

Russell (785) 483-2627	Oakley (785) 672-3452
---------------------------	--------------------------

Lockhart Geophysical Company

Call (303) 592-5220 FAX (303) 592-5225
 Or E-mail lockden@xpert.net

2D & 3D Seismic Acquisition
 Vibroseis Specialists



JAPEX GDAPS-4 Distributed System

We'll give you seismic excellence

PETROBASE

The Digital Database for Western Kansas

High Quality Data Your Software Can Use
 Includes All Central and Western Counties
 All Wells — Dating from the 1800's

The Most Complete and Extensively Edited Data Available

Headers • Tops • Dsts • Perfs and Other Unique Features
 Geologically Selected Formation Tops-Consistent Stratigraphic Nomenclature
 Accurate Latitudes-Longitudes Tied to Digital Land Grids

Robert D. Dougherty, Geologist
 P.O. Box 1065

Phone (620)793-9055
 Great Bend, Kansas 67530

or call WhiteStar Corporation in Denver — (303) 781-5182

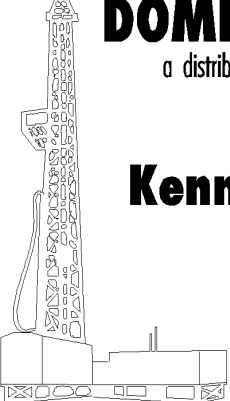
DOMBAR MUD Inc.

a distributor of Bariod Mud Products
GAS DETECTORS

Kenneth W. Dohm

Owner

Off: (316) 792-4337
 Res: (316) 792-5536



6101 W. Tenth Gt. Bend, KS



Rotary Drilling Contractor

Steve E. McClain, *President*

P.O. Box 1006, Pratt, KS 67124 (316) 672-9508

MBC

WELL LOGGING & LEASING
UNMANNED GAS DETECTORS
MUD LOGGING
CERTIFIED INSTRUMENT TECH

SERVING THE KAN-O-TEC AREA
SINCE 1990

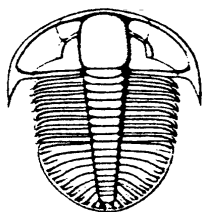
AUSTIN GARNER

MARLA GARNER

24-HOUR PHONE (316) 873-2953

MEADE, KANSAS

**TRILOBITE
TESTING** INC.



Can you name the critter?

Eleven Trucks Serving Kansas - Colorado - Oklahoma - Texas - Nebraska - Illinois
Slickline services using the same Alpine Electronic Pressure Guages as used on DST's
Back pressure testing (G1 & G2)
DST's

Shops located in:

Hays, KS

Scott City, KS

Pratt, KS 1-800-728-5369

Hugoton, KS FAX: 1-785-625-5620
trilobite@eaglecom.net

Clay City, IL

Surface Geochemistry

- Soils gas survey
- Real-time analysis
- Permitting accessing assistance
- Data reduction

Offices Worldwide

Phone: 316.944.5250

Email: kevin.hopkins@shawgrp.com



Shaw Environmental & Infrastructure, Inc.

12M022004D_1

CAN YOU NAME THE CRITTER?

Sponsored by Trilobite Testing, Inc.

Is your paleo up to date?

If you know the name of the trilobite, submit your guess to Wes Hansen at 316-263-7313 or via e-mail at bulletin@kgslibrary.com

Remember that Trilobite Testing is sponsoring your efforts, so be sure to thank Paul Simpson the next time that you see him.

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

COMMITTEE CHAIRMEN



PARAGON
GEOPHYSICAL SERVICES, INC

~The TOP CHOICE for 3D SEISMIC~

John H Beury III ~ Pres John Aguilar ~ Op. Mgr.

PHONE (316) 636 - 5552 FAX (316) 636 - 5572

3500 N. Rock Rd., Bldg 800, Suite B
Wichita, KS 67226

paragon@parangongeo.com

Looking For Donations

To The KGS Core Hole Library

If you have core hole drilling data or seismic data that you would like to donate to this project, please contact Gus Messinger or Rebecca Radford at the Kansas Geological Society Library.

316-265-8676

This collection of data could prove to be of great value to those who are looking at prospects in Kansas.

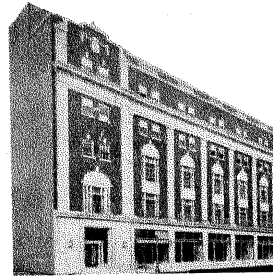
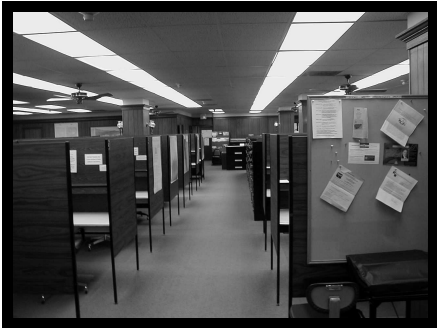
<u>Advertising</u>	Kent Scribner
<u>Advisory</u>	Jon Callen Derry Larson
<u>Annual Banquet</u>	
<u>Bulletin</u>	Wes Hansen— <i>Editor</i> <i>Assistant Editor</i> Kimberly Dimmick-Wells <i>Technical Editor</i> Sal Mazzullo
<u>Computer</u>	
<u>Continuing Education</u>	Robert Cowdery
<u>Distinguished Awards</u>	Thomas Hansen
<u>Directory</u>	Larry Richardson
<u>Environmental</u>	Steve Murphy
<u>Field Trip</u>	Larry Skelton
<u>Fishing Tournament</u>	
<u>Future Plans</u>	
<u>Golf</u>	Jon T. Williams
<u>Historian</u>	Larry Skelton
<u>Investment</u>	Bryce Bidleman
<u>Legislative</u>	Richard Moberly
<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



KGS Library Open Late
on Thursday Nights
until 9:00 pm

This is an added benefit for :

- ◆ Geologists who have left the business to work elsewhere during downturns in the oil business
- ◆ Out of town members will now be able to maximize a trip to our library to do research, perhaps cutting a full day off of their visits



**Landmark
Square**

**Headquarters for
Oil & Gas Professionals**

Newly restored second floor lobby

**Stan Wisdom,
Leasing Agent**

Space starting at 150 sq. ft.

Offices available with
Adjacent storage space
And freight elevator access

**212 N. Market
Ste. 420
Wichita, Kansas
67202**

Convenient nearby parking

Steps away from the KGS Library

**Phone and FAX
(316) 264-1084**

**Kansas Geological Foundation
Items for Sale**

Several sets of geological data and publications
 AAPG Bulletins Shale Shakers
 Mountain Geologist Mining Engineering
 Economic Geology

- ◆ Kansas Completion Card Sets
- ◆ Completion Card Cabinets
 - ◆ Microfiche Readers
 - ◆ Geology Books
 - ◆ Blue Line Printer
- ◆ Logs & Data from several other states
 - ◆ Framed Pool Maps
 - ◆ Much More

**Inquire at KGS Library
316-265-8676**

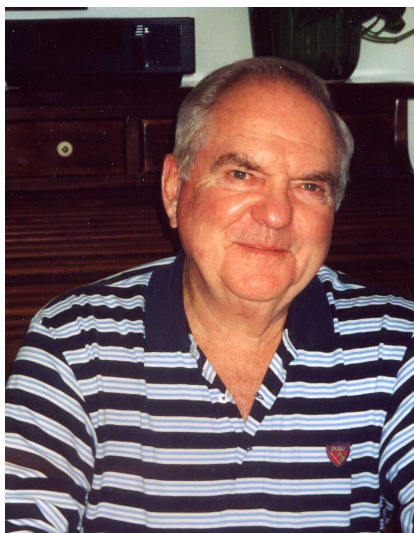
**Help Wanted!
Integration Project**

**If you have any time you could
give to the Library, we have
projects that could move a little
faster with some
Expert Professional Geologists**

**Just a few hours a week would make
such a difference in helping to
integrate the small scale files into the
regular file cabinets.**

*To volunteer, please contact Ted Jochems
or Rebecca at the Library 265-8676*

HONORARY MEMBER PROFILE: Don Shawver



Don is something of a rarity within the profession inasmuch as he was born in Wichita in July of 1933 and has spent his life and his professional career in Wichita. His father had been a farmer in Oklahoma until the 1920's when he received a call from Don's uncle, E. B. Shawver, asking him to join him in Kansas to work in the oil industry. His father commenced his exposure to the business as a pumper.

Don, who was the youngest of six children, has a sister Mildred who resides in Seattle. Herschel, Norman, Elda, and Dorothy are all deceased.

He commenced his formal education at Hyde Grade School, where in kindergarten he first encountered Innes Phillips, who was his classmate until they both graduated from high school. He attended Robinson for Intermediate school and then graduated from Wichita East High School in 1951.

His decision to pursue a career in geology was primarily influenced by his family's involvement in the "oil business." University of Kansas was his college of choice for one and one-half years, but he then returned to Wichita University where he completed his degree in 1955.

Among his classmates were: Orvie Howell, Calvin Noah, Glen Rupe and Harold "Cug" Steincamp. At the university, Don found in Dr Andy Lange a professor with a good sense of humor and someone who was very easy to learn from. While in college he commenced wellsite work for his father's company, Laura Jane Oil. Milt Wilkinson was a geologist on a number of Laura Jane wells and served as a mentor to Don. A considerable amount of this wellsite activity took place in the Gladys pool south of Wichita, which was undergoing development at the time.

While in college, Don married Helen Davis in 1954. They have three children: Matthew who is employed by a law firm in Wichita; Susan Fields, who has three daughters; and Chris who works for Rubber Belting and Hose Co. in Wichita. Chris is married and has one son.

Following graduation, Don continued working for Laura Jane for about a year and one-half. His brother and brother-in-law formed a company, Shawver - Armour Inc. (S-A). Don joined them and later acquired a 1/3rd interest in the company. While at Shawver-Armour, he met Dean Jirrels who furthered his geologic education. During this early period with S - A, Don, without a great deal of experience in mapping exploration prospects, drew a map at the request of Jim Armour on a lease that S -A had acquired in Sumner County following a Simpson Sand discovery by Bill Brunson. Don projected a long nose on the Simpson subsurface with a test to the west of the prospect having oil-cut water. They showed the prospect to Bill Brunson and, though he didn't really like it, he took an interest to get the drilling contract. He then sold half of his 1/8th interest to Benton Brooks, a geologist working for him at the time. Don was watching the well and when they drilled the Simpson decided to run a DST. During the test a roughneck came to Don and Benton and informed them that the well was "flowing water." Don went to the flow line and held his hand in the stream, and when he held his hand to the

light he determined that the “water” was actually light orange colored gassy oil. The company eventually drilled eight producers on the lease. Don later encountered Bill Brunson on an elevator and Bill said, “that was the worst looking deal he had ever seen.”

One experience while at S - A that Don recalls was associated with a development well in the Gillian Field. During a DST, the rig caught on fire. The crews attempted to fight the fire with mud. Don raced into Clearwater and called the Fire Department. He then called Jim Armour who inquired as to whether anyone was hurt. When Don replied in the negative, Jim said somewhat facetiously, “Then fight the fire with gasoline.” They were trying to sell the rig at the time.

In 1965, Don sold his interest to Jim Armour and for three years he operated as an independent.

In 1968, he joined Jerry Kathol at Kathol Petroleum. Also employed at the company during this period were Larry Taylor and Don Calvin. Don found Jerry to be somewhat of a character. One incident that he recalls happened at one of their regular Monday meetings. Jerry was playing a motivational tape, “Time is Money” and had it set on the wrong speed. It was going so fast that those assembled could barely make out what was being said. When they complained, Jerry said I told you “time is money and we need to hurry and get to work.”

From 1970 until 1989, Don worked for Rains and Williamson. Others employed by the company during this period included Harvey Gough, Mike Engelbrecht, Craig Caulk, Dave Callewaert, and Ron Irion.

Since 1989 he has been an independent geologist sharing office space with Dave Callewaert.

During his career with Shawver-Armour, Kathol, and Rains and Williamson, he remained convinced that an area around Riverdale in

Sumner County was productive. There were shows in a dry hole in the area and with each company he would re-construct the play after having additional shows in each dry hole drilled. Don says that he eventually drilled six dry holes on this particular prospect.

Looking back on his very successful career, Don doesn't have any doubt that he would be a petroleum geologist if he had it to do over again. However his advice to a new geologist entering the field would be to be prepared to work internationally, which doesn't seem to include a career devoted to Kansas. He also recommends that they stay abreast of the new technology.

As to his present situation he plans to continue to work on prospects, but also pursue his recreational interests of golf and hunting.



MEMORIAL Walter Wilkinson

(Material derived from an article in the Wabaunsee County Signal Enterprise)

With the passing of Walt Wilkinson in Topeka, the Kansas Geological Society lost one of its longtime members.

Walt was born in Bellefonte, Pennsylvania in November of 1914, the oldest of three sons of Harry and Ruth McCool Wilkinson. His father died during the flu epidemic of 1918. He attended school in Bellefonte and graduated from Center Hall High School at the early age of fourteen years. He then enrolled at Penn State, but was not allowed to attend until he was sixteen years old due to a provision of the state law. He graduated from Penn State with a degree in mathematics, science and secondary education.

His employment in the oil industry commenced in West Texas where he was employed by Phillips Petroleum. Becoming interested in geology, he returned to school receiving a BA in geology from the University of Wichita. in May 1948.

Walter was employed as District Geologist for SOHIO in Abilene and Midland Texas. He was then promoted to Division Geologist in Oklahoma City. Subsequently he left SOHIO to become Vice-President of Hanley Oil Co. in Midland, Texas. In 1956 he formed his own company, Wilkinson Drilling in Wichita.

After a successful career as an independent, Walt took semi-retirement and moved to his farm near Alma, Kansas. He continued doing exploration, consulting and work as a legal expert for estate hearings regarding oil leases and production

In 1938 he married Nelle Fraser and she preceded him in death in 1947. In 1949 he married Marguerite Terrass Peterson who died in 1984. He is survived by Flora Virginia Wilkinson who he married in 1985. Walt is also survived by a son Phillip, one daughter Sherri, one stepdaughter Elizabeth, and one stepson, John.

During his semi-retirement years he devoted

considerable time to community activities. He served for many years on the Advisory Board to Stormont Vail Regional Medical Center. He was Wabaunsee County Commissioner from 1970-75. The Wabaunsee County 4-H clubs benefited from his service as a geologist and field trip leader. While living in Alma, he served as a substitute teacher in the school system.

Professionally he maintained his membership in the Kansas Geological Society until 2001. Walt had an article on West Texas published in the American Association of Petroleum Geologists Bulletin

Memorials have been established with Peace United Church of Christ, Alma, KS and the Shriner's Children's Hospital.



THE ON-LINE BULLETIN IS NOW IN PDF FORMAT

**Check out the complete KGS
Bulletin on our web site
www.kgslibrary.com**

**A simple way to help your Society
save money would be to let us know
if you like viewing the Bulletin on
line. This would allow us to reduce
our mailing & printing costs of
sending the Bulletin to every
member.**

**We are glad to keep mailing it to
you but if you are satisfied with
reading on-line, please just let us
know.
316-265-8676**

FROM THE MANAGER'S DESK



Dear Members,

What a wild winter we have had. I hope everyone is finished picking up tree limbs! What a mess! I have heard that the Farmer's Almanac has predicted another ice storm in February, we will hope that by the time you read this, that did NOT happen.

We are remaining very busy around the library with phone orders, booths staying full with busy geologists and of course with the Walters Digital Library. At the end of 2004, the Society had 603 Society members and 223 Library members. The last time we had that many Library members was in 1997. I know that times are good, oil prices are staying high and we have gained members due to that fact, but we also can see a direct influence of the Digital Library. More people are joining our KGS Library in order to join the Walters Digital Library. At the time I am writing this, (Feb. 3), we have 77 digital library members and I receive several phone calls each week from people interested in joining. If you are interested, keep checking the website: waltersdigitallibrary.com to see the progress of what we have scanned and available. We will be finishing up the west ranges on well logs, probably by the time this publication is in your mailbox. I think we can now rest assured that the scanning project and the idea of having an on-line library, has proven to be successful.

Since we have been so busy around here, I have added a part-time position. Please

welcome Linda McCune to our staff. You will find Linda in the back of the Library, running the copying/scanning equipment. She is a great asset to our staff and we are so pleased to have her join us. Please stop by to meet her when you get a chance. Sherri will still be helping with the scanning & copying but will also be taking on some new duties. There is so much new material coming in the door and we have struggled to keep up with getting the new data into your library. We now have to scan everything as well as enter it into our database, so it takes a little longer than it did prior to the scanning project. We hope this increase in staff will get us on track to keep up with new data.

I would like to bring it to your attention that the Society has two members being inducted into the Kansas Oil & Gas Museum Hall of Fame this April. J. Paul Jennings and Jim Daniels both will be inducted on April 2, 2005. Please see more information on this on page 5. Congratulations to both of you!

I want to take a moment to thank Doug Davis & Chellie Mazzullo for giving us another very fine banquet. We had a lower turnout this year due to the weather but it was still a very lovely banquet and everyone seemed to have a good time. As always, Kathy Latham and her staff at the Petroleum Club did a magnificent job! Look for photos from the evening on pages 16-19. One the special events at the banquet was that we honored Janice Bright for 20 years of faithful employment with the KGS!

Here's hoping everyone stays busy with drilling and the weather cooperates!

Respectfully submitted,
Rebecca Radford



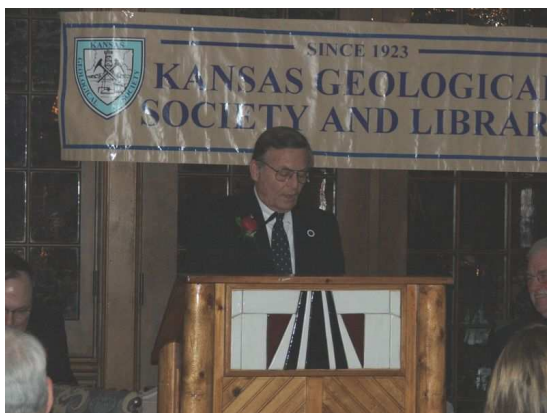
KGS Annual Banquet Highlights



Chris & M.L. Korhage



Outgoing President Tom Hansen



2005 President Fred James



Awards Chairman Tim Pierce



**Walter & Joan Martz with
Fred Stump**



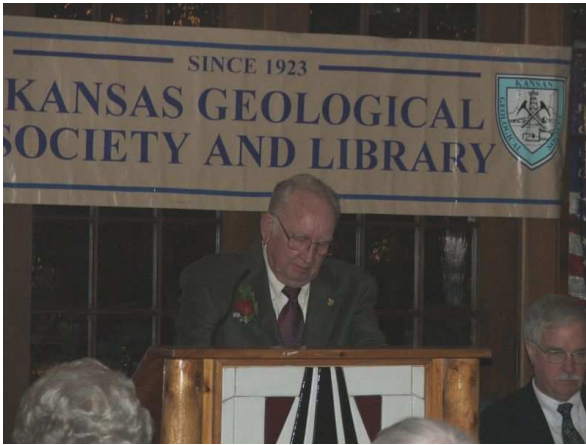
The Martz Family



Ted Sandberg introducing George Mueller



George Mueller getting award



George Mueller



Rebecca honoring Janice Bright for 20 years of employment



Petroleum Club's Kathy Latham



WSU Students helping out



Joe Moreland, Bill Peterson & A. Scott Ritchie receiving 50 Year Pins



Virginia & Joe Moreland



Peg Walters with daughter Midge



2005 KGS Board of Directors



Past Presidents



Honorary Members

A LETTER TO THE EDITOR:

Dear Wes,

I wanted to bring to the attention of the KGS membership an issue that should be of interest to all geologists. Unless someone has been under a rock or on drilling rigs for too long, I imagine they have heard of the State Board of Education's intent to revise the science standards so that "intelligent design" or "creation science" is taught along with evolution to Kansas' public school students. Without going into all the arguments here, I thought the membership should know of Fred James' personal efforts to prevent this anti-science from getting into the text books and creating a laughing stock of Kansas—again. No one should confuse their beliefs with science and I suggest that anyone concerned about the science education of Kansas students should support our President's efforts in every possible way. Call your legislator—the other side certainly has!

I know that Fred has received some negative feedback from some of the membership, but must believe that the great majority of our members, with their geologists' understanding of evolution, would strongly support his efforts. Politics have influenced petroleum geology since the inception of the industry. Now, the people behind this political assault on hard science, however well intentioned, are going to perpetrate a black disgrace on Kansas' science education. There is no justification for anyone who is considered to be a scientist (i.e. most KGS members) allowing this group the freedom of changing the science standards to suit their religious beliefs. Does Kansas need to host the next Scopes trial?

At the conclusion of the "Evolution Panel" a couple of Wednesday talks back, Orvie Howell suggested developing a "position paper" on the subject of evolution for the Society. This has already been very well done by the Geological Society of America and is available on their website, www.geosociety.org and is reprinted below. I suggest that the KGS leadership develop a similar document and submit it for a vote at the next officers election. Meanwhile, the rest of the membership should engage in a vigorous public dialog regarding God and science. If we don't, I am afraid we'll eventually be arguing over how many angels can dance on the head of a pin.

Bob Stolzle

This was taken from the web site of the Geological Society of America: www.geosociety.org and printed with permission.



Position Statement: Evolution

Contributors: Steven M. Stanley, Chair; Patricia Kelley, Richard Bambach, George Fisher, James Skehan, Don Wise, David Dunn

Adopted in May 2001

The Geological Society of America recognizes that the evolution of life stands as one of the central concepts of modern science. Research in numerous fields of science during the past two centuries has produced an increasingly detailed picture of how life has evolved on Earth.

The rock record is a treasure trove of fossils, and by 1841, eighteen years before Charles Darwin published *On the Origin of Species*, geologists had not only assembled much of the geologic time scale from physical relationships among bodies of rock, but they had also recognized that fossils document profound changes in life throughout Earth's history. Darwin showed that biological evolution provides an explanation for these changes. Since the time of Darwin, geologists have continued to uncover details of life's history, and biologists have continued to elucidate the process of evolution. Thus, our understanding of life's evolution has expanded through diverse kinds of re-

search, much of it in fields unknown to Darwin such as genetics, biochemistry, and micropaleontology. In short, the concept of organic evolution has not only withstood the test of time—the ultimate test of any scientific construct—but it has been greatly enriched.

In recent years, certain individuals motivated by religious views have mounted an attack on evolution. This group favors what it calls "creation science", which is not really science at all because it invokes supernatural phenomena. Science, in contrast, is based on observations of the natural world. All beliefs that entail supernatural creation, including the idea known as intelligent design, fall within the domain of religion rather than science. For this reason, they must be excluded from science courses in our public schools. This separation of domains does not mean that science and religion are fundamentally incompatible. Many scientists who conduct research on the evolution of life are religious, and many major religions formally accept the importance of biological evolution.

Misinterpreting the Bible's creation narratives as scientific statements, many creationists go so far as to attack the validity of geologic time—time that extends back billions of years. "Deep time" is the foundation of modern geology. It was actually well established, though not quantified, by geologists decades before Darwin published his ideas or most scientists came to accept evolution as the explanation for the history of life. Furthermore, thousands of geologists employing many new modes of research refined the geologic time scale during the Twentieth Century. Near the start of that century, the discovery of naturally occurring radioactive substances provided clocks for measuring actual ages for segments of the geologic record. Today, some billion-year-old rocks can be dated with a precision of less than a tenth of one percent. Moreover, modern geologists can identify particular environments where sediments that are now rocks accumulated hundreds of millions of years ago: margins of ancient oceans where tides rose and fell, for example, and valley floors across which rivers meandered back and forth, and ancient reefs that grew to thicknesses of hundreds of meters but were built by organisms that could not have grown faster than a few millimeters a year. By studying the fossil record that forms part of this rich archive of Earth's history, paleontologists continue to uncover details of the long and complex history of life.

Acceptance of deep time is not confined to academic science. If commercial geologists could find more fossil fuel by interpreting the rock record as having resulted from a single flood or otherwise encompassing no more than a few thousand years, they would surely accept this unconventional view, but they do not. In fact, these profit-oriented geologists have joined with academic researchers in refining the standard geologic time scale and bringing to light the details of deep earth history.

Modern studies of the evolution of Earth and its life are not only aiding us in the search for natural resources, but also helping us to understand how the Earth-life system functions. Annual layers of ice in the Greenland glacier, for example, range back more than a hundred thousand years. These ice records warn that Earth's climate may change with devastating speed in the future. The geologic record also reveals how various forms of life have responded to past environmental change, sometimes migrating, sometimes evolving, and sometimes becoming extinct. In the present world, bacteria are now evolving rapidly in ways that render antibiotics ineffective; to respond to bacterial evolution, we must understand evolution in general.

The immensity of geologic time and the evolutionary origin of species are concepts that pervade modern geology and biology. These concepts must therefore be central themes of science courses in public schools; creationist ideas have no place in these courses because they are based on religion rather than science. Without knowledge of deep time and the evolution of life, students will not understand where they and their world have come from, and they will lack valuable insight for making decisions about the future of their species and its environment.

© The Geological Society of America

DIGITAL ARCHIVING NEWS

The following is a listing of where we are at on the scanning project:

- ◆ **Completion Cards**—West Ranges COMPLETED
- ◆ **Plotted Geologist's Reports**— West Ranges COMPLETED
- ◆ **Well Logs**— West Ranges 10S & south Completed - scanning in 9 S
- ◆ **Srip Logs**— West Ranges—
- ◆ **Laughlin-Simmons Cards**— West Ranges, COMPLETED
- ◆ **Typed Geologist's Reports**—West Ranges COMPLETED
- ◆ **Old Major Scout Tickets**— We will be trying to get all of these scanned prior to finishing Driller's logs. (Many driller's logs can be found on-line with the Kansas Geological Survey)

Keep checking on-line at:
www.waltersdigitallibrary.com
where the coverage area is updated regularly.

If you have any questions or concerns or suggestions.....call me.

The Robert F. Walters
DIGITAL



GEOLOGICAL
LIBRARY

Subscription Service NOW available !

We have a new web address
www.waltersdigitallibrary.com

Coverage area is growing every day!

Check Out Our New Pricing Structure & Find What Works Best For You

1-month trial period for \$250.00 (which can apply toward a 1 year subscription)

3-months for \$600.00 (designed for the person with a project in Kansas but does not necessarily need a full year's membership)

Regular Pricing of Digital Library Memberships:

- ◆ **KGS Library Members** = Can subscribe to the Walters Digital Library for \$600.00 / year
- ◆ **Non-KGS Library Members** = Can Subscribe for \$1500.00 / year

Call Now to Sign Up!!

Toll Free: 877-265-7300
Local: 263-2916

The Robert F. Walters
DIGITAL



GEOLOGICAL
LIBRARY



President Elect Chuck Brewer & Gina

KGS Website
www.kgslibrary.com

Check Out Our New Look!!

Emails:

Front Desk: frontdesk@kgslibrary.com

Bulletin Editor: bulletin@kgslibrary.com

Website Administrator:
www.admin@kgslibrary.com

Manager: manager@kgslibrary.com



Great Eastern Energy & Development Corporation

550 W. Texas, Suite 660, Midland, Texas 79701

Phone: 432/682-1178 Fax: 432/687-5725

E-mail: GEED2000@aol.com

EXPLORATION & PRODUCTION

Wildcat and 3-D Prospects

PRODUCTION EQUITY PARTNERS

Exploit PDP Equity to fund projects

Buy Interests – Retain Operations

CASH PROPERTY PURCHASES

Kansas-Texas-New Mexico-Rockies

Purchases from \$100,000 - \$25,000,000

Operated or Non-Operated

Working or Royalty Interests

Kevin O. Butler

President

Midland, TX.

432-682-1178

Bill Robinson

VP-Exploration/Prod.

Midland, TX.

432-682-1178

KANSAS GEOLOGICAL FOUNDATION

Kansas Geological Foundation Services

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.

Videotape Library - The KGF maintains a 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.

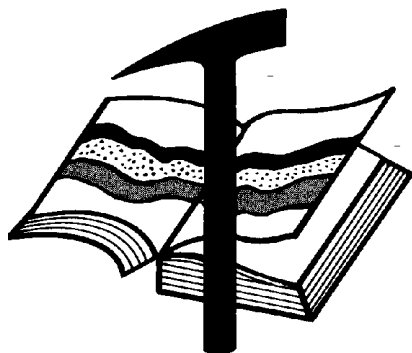
New Slides on Energy from AAPG - 14 slides are available from the Speaker's Bureau on energy. Please contact Bob Cowdery at 267-9030 to check out the slides.

The Kansas Geological Foundation was founded in March of 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:

Century Club	\$ 100 to \$ 499
\$500 Club	\$ 500 to \$ 999
Millennium Club	\$1000 to \$5000
President's Club	\$5000 and over



Kansas Geological Foundation

Web Site: www.kgfoundation.org

**212 North Market
Wichita, Kansas 67202**

A not-for-profit educational and scientific corporation

GOALS:

- promote geology and earth science
- preserve geological records
- establish memorials and endowments
- support field trips and seminars
- financial aid and grants to students

PLEASE HELP SUPPORT THE FOUNDATION

KGF MEMORIALS

Name	Dc'd Dte	M'I Est.	Name	Dc'd Dte	M'I Est.
Dan Bowles	09/89	1990	Donald L. Hellar	11/98	1998
John Brewer	10/89	1990	Joseph E. Rakaskas	01/99	1999
Robert Gebhart	01/90	1990	Charles W. Steincamp	02/99	1999
George Bruce	09/90	1990	Robert and Betty Glover	10/86	1999
Ray Anderson, Jr.	11/90	1990	Howard E. Schwerdtfeger	11/98	1999
Harold McNeil	03/91	1991	W. W. "Brick" Wakefield	03/99	1999
Millard W. Smith	08/91	1991	V. Richard Hoover	01/00	2000
Clinton Engstrand	09/91	1991	Warren E. Tomlinson	01/00	2000
M.F. "Ted" Bear	10/91	1991	James A. Morris	01/00	2000
James & Kathryn Gould	11/91	1991	Eric H. Jager	03/00	2000
Benton Brooks	09/92	1992	Kenneth W. Johnson	03/00	2000
Robert C. Armstrong	01/93	1993	Dean C. Schaake	04/00	2000
E. Gail Carpenter	01/93	1993	Fred S. Lillibridge	05/00	2000
Nancy Lorenz	02/93	1993	Jerry A. Langrehr	07/00	2000
Norman R. Stewart	07/93	1993	Clark A. Roach	07/00	2000
Robert W. Watchous	12/93	1993	Ralph W. Ruuwe	09/00	2000
J. George Klein	07/94	1994	Robert L. Slamal	02/01	2001
Harold C.J. Terhune	01/95	1995	Jerold E. Jespersion	06/01	2001
Carl Todd	02/95	1995	William A. Sladek	06/01	2001
Don R. Pate	03/95	1995	Harlan B. Dixon	06/01	2001
R. James Gear	05/95	1995	Edward B. Donnelly	08/01	2001
Vernon Hess	06/95	1995	Richard P. Nixon	02/02	2002
E. K. Edmiston	06/95	1995	Robert W. Frensley	12/01	2002
Jack Rine	08/95	1995	Gerald W. Zorger	01/02	2002
Lee Cornell	09/95	1995	Don L. Calvin	03/02	2002
John Graves	10/95	1995	Harold Trapp	12/02	2002
Wilson Rains	11/95	1995	Claud Sheats	02/02	2002
Heber Beardmore, Jr.	10/96	1996	Merle Britting		2002
Donald F. Moore	10/92	1997	Donald M. Brown	11/02	2003
Elmer "Lucky" Opfer	12/96	1997	Elwyn Nagel	04/03	2003
Gerald J. Kathol	03/97	1997	Robert Noll	09/19	2003
Raymond M. Goodin	03/97	1997	J. Mark Richardson	02/02	2004
James D. Davies	08/88	1997	John "Jack" Barwick	02/04	2004
R. Kenneth Smith	04/97	1997	Benny Singleton	09/01	2004
Robert L. Dilts	05/97	1997	Jay Dirks		2004
Delmer L. Powers	06/72	1997	Richard Roby	03/04	2004
Gene Falkowski	11/97	1997	Ruth Bell Steinberg		2004
Arthur (Bill) Jacques	1/98	1998	Gordon Keen	03/04	2004
Bus Woods	1/98	1998	Lloyd Tarrant	05/04	2004
Frank M. Brooks	03/98	1998	Robert J. "Rob" Dietterich	08/96	2004
Robert F. Walters	04/98	1998	Mervyn Mace	12/04	2004
Stephen Powell	04/98	1998			
Deane Jirrels	05/98	1998			
William G. Iversen	07/98	1998			
Ann E. Watchous	08/98	1998			
W.R. "Bill" Murfin	09/98	1998			

MEMORIAL: Mervyn Mace



With the death of Merv Mace on December 2, 2004 the industry and the profession lost one of its stalwarts. Merv had been a member of the Kansas Geological Society for over 50 years.

His life's journey commenced on his father's farm near Mountain View, Oklahoma which is on the Washita River. Except for the period when he was in the service, he lived on the farm until his graduation from college.

Merv was an exceptional student, completing three grades in his first year in school. This enabled him to graduate from high school at the age of fifteen. Even though he was younger, he won the state wrestling championship in his weight class. Following high school Merv worked on the farm for several years.

Near the end of World War II, he was drafted into the army and spent a period of time in Germany in the Occupational Forces as an engineer. While in the army some of his fellow servicemen introduced him to the field of geology. Returning to civilian life, Merv enrolled at Oklahoma A & M under the GI Bill of Rights. Once again being the exceptional student, he com-

pleted the four-year curriculum in three years. While at A & M, he supplemented his income by serving as a teaching assistant and being an accomplished "snooker player," hustling his classmates for some additional income. Among his classmates at A & M were Boone Pickens and Carroll Van Buskirk.

Following graduation, Merv worked for the USGS in Rolla, Missouri for five months making topographic maps and then learned that he had passed a government test which allowed him to work for the Ground Water Division of the USGS in Salt Lake City.

In 1952, Merv returned to Oklahoma during Christmas season and at that time joined Sinclair Oil and Gas. His first two years with Sinclair were in Seminole, Oklahoma and then he was transferred to Wichita where he was to spend the next eleven years working on drilling prospects in western Kansas. In 1965, Merv left Sinclair to become an independent. Although he continued to work on some prospects in western Kansas, he concentrated on prospects closer to home in Cowley County, Kansas. He came to be known as "The Cowley County Kid."

Merv met his second wife Paula, while working at Sinclair, where she was a draftsman. She survives, along with daughters Wendy Hamilton of Edmond, Oklahoma and Karma Mason of Wichita. Both daughters have Master Degrees in Geology and Karma works for Integrated Solutions. There are also two stepsons, Kevin Potts of Houston and Keith Potts residing in Wichita. Merv and his wife have seven grandchildren.

A memorial has been established with Harry Hynes Memorial Hospice.

AAPG Leadership Conference

The American Association of Petroleum Geologists held a conference for the leadership of the organization in Tulsa at the Post Oak Lodge on February 11, 12, and 13. Attending from Wichita were Fred James as President of the Kansas Geological Society and Alan DeGood, a member of the House of Delegates and currently a candidate for Chairman of the House of Delegates.

Following an opening session, entitled "Leading with Clarity and Focus" was offered as well as a number of Breakout Sessions" which included topics such as: Student Focus, K-12 Activities, Section Meetings, Visiting Geologist School etc. The presentations and associated discussions were excellent

KANSAS GEOLOGICAL FOUNDATION REPORT

By Larry J. Richardson
2005 President

The Kansas Geological Foundation continues to move forward on our mission to do all we can to advance the science of geology and to enhance the search, by our brethren in the oil & gas industry, for that elusive barrel of oil & gas.

Our proudest achievement, the development of the Walters Digital Library, is nearing completion. The creation of this online virtual library of nearly all of the data in Western Kansas is one of the great projects the world has ever seen. The success of this project is the result of great vision by a determined group of geologists, most notably, Tyler Sanders, Jon Callen and Dick Jordan. Tyler provided us with the vision and Jon and Dick raised most of the money to make it happen. Through their efforts we were able to raise nearly \$700,000 from private donations and \$300,000 from a grant from the US Government to accomplish our task.

If one looks back in history, the Kansas Geological Society has always found itself on the cutting edge of technology when it comes to the collection and preservation of geological data. George Bruce pioneered the collection and distribution of drillers logs using the then-new technology of the mimeograph machine. He then pioneered the collection, reproduction and distribution of electric logs as they came into common use through a system of user subscriptions not unlike the subscription services now offered by the WDL. As we continue forward, only the technology has changed. What a geologist used to receive as a package in the mail or analyze in a booth at the Library, he can now access, on demand, that same data in the comfort and convenience of his home or office at any time, twenty-four hours a day, seven days a week. What a world we live in!

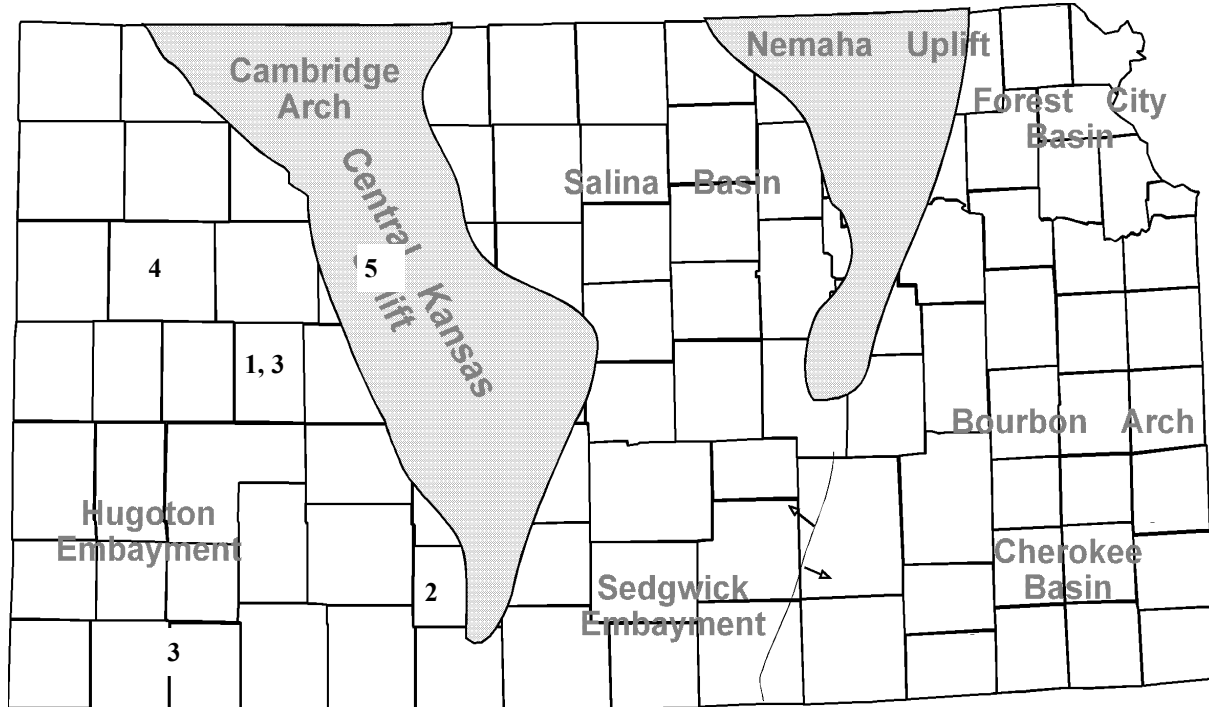
As word gets out about what we have done here in lowly "Wahoo" our subscriptions to the WDL service will increase and the whole industry will move forward.

While it may seem so at times, the WDL is not all of what we do. The KGF continues to be very active in other, traditional ways, such as the Speakers Bureau, ably managed by Bob Cowdery, scholarships to assist aspiring young geologist still in colleges throughout Kansas, support of research through outright grants, the collection of geological data from estates and elsewhere, the collection of one of the most comprehensive libraries of videotapes and DVD's of geological interest (also thanks to Bob Cowdery) and, the support of general public education ranging from individuals to schools and educators.

Our goals for 2005 are to continue with our core mission of education, preservation and assistance. We also want to finalize the mission of the preservation of the irreplaceable and most important geological data in Kansas by putting the "finishing touches" on the WDL, ultimately putting it on a sustainable footing that will last into the foreseeable future.

EXPLORATION HIGHLIGHTS

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



(1) Trans Pacific Oil Corporation Has Oil Discovery (Wichita, KS - IOGsi News Service 12/20/2004) - Trans Pacific Oil Corporation, Wichita (KS), has discovered new Lansing-Kansas City oil reserves at a wildcat site in Lane County, just west of the Ness County line. Discovery was made at the McBee 'A' 1-25, NW NW SE in section 25-T16s-R27W, a projected 4650 ft. Lansing-Kansas City, Marmaton and Mississippian exploration well, located about 1/2 mile south and 4 miles east of Pendennis, Kansas. The well is currently on production, along with the new field's first confirmation well, Trans Pacific's McBee 'B' 1-25, C E/2 E/2 W/2 also in section 25. Exact pay zone and depth have not been released. Site lies 3/4-mile north of abandoned Marmaton production in the Little Blue North Field. The new field has been named Horse Tank.

(2) Vincent Oil Corporation Opens New Field (Wichita, KS - IOGsi News Service 12/20/2004) - Wichita-based Vincent Oil Corporation has discovered new reserves at their Clark #1-21, located in the SW SW SW in section 21-T27s-R16W in Kiowa county, south-central Kansas. The estimated 4,720 ft. deep wildcat well was drilled in June, 2004, and was completed in July. It produced 238 barrels of oil and an unknown amount of natural gas during the last few days in July and in August, according to state production records. Producing formation and depth is not available. Site lies 3-1/2 miles north and 3/4 mile east of the city of Haviland. The new Lost Lake pool opener lies 3/4 mile northwest of Imperial Oil's FMC #1-28 in the NE/4 of section 28 that was completed for 10 barrels of oil per day in 1981 from Kinderhook perforations between 4662 to 4672, and is about 5/8 mile to the southwest of J. Mark Richardson's Clark #1-E well in the SE/4 of section 21 that produced 50 barrels of oil per

day from the Mississippian from 4600 to 4650 in 1986.

(3) Ritchie Exploration Discovers New Oil Reserves (Wichita, KS - IOGsi News Service 12/20/2004) - Ritchie Exploration, Inc., Wichita (KS), has discovered new oil deposits in Lane County, about 2-1/2 miles south of Shields, Kansas. Discovery was made at the Penka 17C #1, located 33 ft. east of C NE SW in section 17-T17s-R28W. The wildcat well has tested good shows of oil in an undisclosed formation and is currently on the pump being further evaluated for commercial production. No other information has been released. The new field has not been named. Wellsite lies slightly over one-half mile southwest of the John Jay Darrah Jr's Shields South pool opener, Richards #1, that was completed in 1985 for 20 barrels of oil per day. The well produced crude from Lansing-Kansas City zones between 3917 to 4148 ft. and from the Marmaton between 4324 to 4418 ft.

(4) Falcon Exploration Opens New Oil Field (Wichita, KS - IOGsi News Service 1/24/2005) - Falcon Exploration, Inc., Wichita (KS), has discovered Cherokee Sand oil deposits at a wildcat site, located in approximately N/2 N/2 in section 16-T11s-R34W, in Logan County. The Peterson #1 was drilled last September to a total depth of 4816 ft. by L.D. Drilling tools. Operator has plugged hole back to a depth of 4757 ft. The Johnson Zone was perforated at an undisclosed depth and the well was placed on commercial production on October 26, 2004 for an unknown initial potential. The new National pool opener lies nearly one and three-quarters miles southwest of McCoy Petroleum's Bertrand Trust 'A' #1-11, NW/4 of section 11, which was completed for 124 barrels of oil per day from Lansing-Kansas City perforations from 4335 to 4340 ft. in 1997. Closest known Cherokee production in the vicinity is located almost two and one-half miles northeast at Wabash Energy's Seele Account I, in SW/4 of section 2. The well pumped 25 barrels of oil per day from the Cherokee in late 2003. Falcon's new oil field is located one-half mile north and two and one-half miles east of Page City, Kansas.

(5) Trego County Discovery Completed by R. P. Nixon Operations (Wichita, KS - IOGsi News Service 01/24/2005) - Independent producer R. P. Nixon Operations, Inc., of Hays (KS), has established the new Madden North oil field in eastern Trego County, about three and one-half miles west of the Ellis County line, or six miles south and five miles west of Ellis, Kansas. Discovery of new Lansing-Kansas City oil reserves was made at the Pfeifer 'G' Unit #1, located in approximately SE SE SW of section 9-T14s-R21W. The wildcat well was placed on pump on January 7, 2005. Production depth and volumes have not been released. The well was drilled to a rotary total depth of 4100 ft. with Shields Drilling equipment. Site is situated three-quarters mile northeast of Lansing-Kansas City oil production in the Madden Field in section 17. Pay comes from a depth of around 3600 ft.

SHARE YOUR PHOTOS

We would like to publish any photos that you may have taken that would be of geological interest to our membership. The idea is to share any geology you may have had the opportunity to see that the rest of us could enjoy. Here is an example:




60 miles west of Moab, Utah you can see the hogbacks of Navajo Sandstone of the San Rafael Swell. To find out more geological history go to:
www.utahmountainbiking.com/goodies/geology/sanrafael.htm

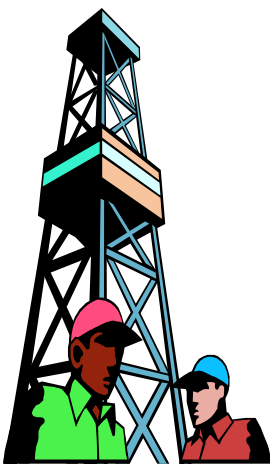
PROFESSIONAL DIRECTORY

Kirk Rundle
Consulting Geophysicist
*3D Seismic Design, Acquisition to Processing QC.,
 Interpretation and Analysis, Subsurface Integration*
 889 N. Maize Road, #206
 Wichita, Kansas 67206
 Office: 316-721-1421 Fax: 316-721-1843
 Home: 316-721-8962 Email: kkrundle@swbell.net

ROBERT J. GUTRU
Geologist
 300 Farmers & Bankers Bldg.
 200 East First Street
 Wichita, Kansas 67202
 Off: (316) 265-3402

ROGER L. MARTIN
*Independent/Consultant
 Petroleum Geologist*
 200 East First Street, Ste. 405
 Wichita, Kansas 67202
Office 316-267-0032/Cell: 316-250-6970
 Home: 316-682-0038
 Fax: (316) 264-8686

THE  **Rosel** COMPANY
"Specialist in Wire Line Completion & Digital Open-Hole"
 ♦ Open Hole ♦ Cased Hole
 ♦ Production Logging ♦ Pipe Recovery
 Liberal, KS 620-624-4941 Enid, OK580-544-0552
 Oklahoma City, OK 405-495-0101




ALFRED JAMES III
Petroleum Geologist
 Kansas - Colorado - Alaska
 200 West Douglas
 Suite 525
 Wichita, Kansas 67202
 Off: (316) 267-7592

WESLEY D. HANSEN
Consulting Geologist
 Well site Supervision
 Geologic Studies
 212 N. Market, Ste 257
 Wichita, Kansas 67202
 Off: (316) 263-7313
 Mobile: (316) 772-6188

M. Bradford Rine
Honorary Life Member—Kansas Geological Society
 Licensed Geologist—KS. #204
 Registered Professional Geologist—Wyo. # 189
 Certified Geologist—A.A.P.G. # 2647
 S.I.P.E.S. # 1584 S.P.E. #109833-4
 PROSPECT EVALUATION • PROSPECT GENERATION
 WELLSITE SUPERVISION • EXPERT TESTIMONY • OPERATIONS
 PROPERTY EVALUATION • RESERVOIR STUDIES
 DRLG./COMP. CONSULTATION
 Suite 415 Office: (316) 262-5418
 100 S. Main Fax: (316) 264-1328
 Wichita, KS 67202 Cell: (316) 772-6829

 Paul Gunzelman
 President/Geologist
RESOURCE MANAGEMENT INTERNATIONAL
 Phone (316) 634-6026 Fax (316) 634-2716
 p.gun@sbcglobal.net

MELLAND ENGINEERING
Petroleum Engineering & Geological Consulting
James E. Melland, P.E.
 Owner
 Cell Phone: (661) 319-5950
 Email: jemelland@sbcglobal.net
 121 W. Marlin, Ste. 202 McPherson, KS 67460

 **KEVIN L. KESSLER**
 INDEPENDENT/CONSULTING PETROLEUM GEOLOGIST
 WELLSITE SUPERVISION • GEOLOGIC RESEARCH
 OIL & GAS PROSPECTS
 KANSAS & EASTERN COLORADO
 MAILING ADDRESS PHONE
 1199 N. PONDEROSA RD. RES.: (316) 522-7338
 BELLE PLAINE, KS 67013 MOBILE: (316) 706-6636
 EMAIL: KKESSLER1199@AOL.COM

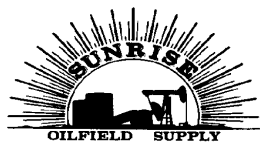
Promote Yourself!
 Buy an AD space in our Bulletin



Security for AAPG Members
& Their Families
Through Group Insurance

*Life
Health
Dental
Disability
And Supplemental Plans*

AAPG's
GeoCare Benefits Insurance Program
P. O. Box 9006
Phoenix, AZ 85068-9006
800-337-3140
E-mail: geocarebenefits@agia.com
www.geocarebenefits.com



FULL LINE SUPPLY STORE

With Pump Shop
Offering New & Used
Pipe, Equip. & Fittings
Employee Owned

SALES OFFICES
Wichita, KS
800-777-7672

Great Bend, KS
316-792-3130
Mob. 316-786-4255

New Office
Hugoton, KS
620-428-6604

STORES

Ness City, KS
800-589-5733

El Dorado, KS
316-321-9323

Garden City, KS
877-976-1700

Spivey, KS
316-532-5261

McCook, NE
308-345-1542

**ADVERTISING RATES FOR
THE KGS BULLETIN**

Personal Ads of Items for Sale: \$15.00 per Month

1/8 Page Ad: 6 Issues - \$300; 3 Issues - \$175;
1 Issue - N/A

1/4 Page Ad: 6 Issues - \$600
plus **KGS Directory Ad**

3 Issues - \$325
1 Issue - \$150

1/2 Page Ad: 6 Issues - \$1000 plus
KGS Directory Ad

3 Issues - \$540
1 Issue - \$225

Full Page Ad: 6 Issues - \$2000
plus **KGS Directory Ad**

3 Issues - \$1080
1 Issue - \$480

Professional Ad \$90 per year

ADVERTISERS' DIRECTORY

A2D Technologies	2
Abercrombie RTD, Inc.	8
Allied Cementing Company, Inc.	8
Dombar Mud Inc.	8
Duke Drilling	8
GeoCare Services AAPG	31
Great Eastern Energy & Development	23
Greensburg Oilfield Services	8
Kansas Geological Foundation	24
Landmark Square	11
Lockhart Geophysical	8
MBC	9
Murfin Drilling Company, Inc.	8
PARAGON Geophysical Services, Inc.	10
Petrobase	8
Professional Directory	30
Shaw Environmental	9
Sterling Drilling Company	9
Sunrise Oilfield Supply	31
Trilobite Testing	9
Walters Digital Library	22

Kansas Geological Society & Library
212 North Market, Suite 100
Wichita, Kansas 67202

PRSR STD
US POSTAGE
PAID
WICHITA KS
PERMIT NO 923

KGS BULLETIN
March—April 2005