



KANSAS GEOLOGICAL SOCIETY

BULLETIN

Volume 99 Number 2

March- April 2024

Established 1925

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Memorial for Robert E. “Bob” McCann

page 11



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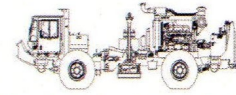
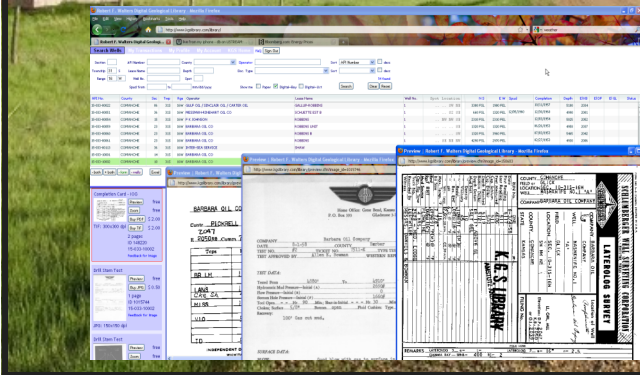
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ON THE COVER:

The KGS Stegosaurus
Donated and installed by Alan DeGood
Painted by Angela Forrest

Photo by Wes Hansen

The Kansas Geological Society Bulletin, which is published bimonthly in 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 length of papers is 6 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 manager@kgslibrary.com or mailed to 1704 S. Baehr, Wichita, KS 67209. 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

All Technical Meetings will be on Zoom

- Mar 13 Ray Sorenson, "Petroleum Prospectivity in 1850s North America"
- Mar 27 Brian Wilhite, "Ordovician Source Rocks: The Primary Origin of Pre-Pennsylvanian Produced Oils in South Central Kansas"
- April 10 Franek Hasiuk, Sandia Labs - TBD
- April 24 Claudia Hackbarth, President AAPG - TBD
- May 8 Ken Johnson, OGS retired - TBD
- May 22 Darren Brown, City of Wichita: "Groundwater Remediation of the Gilbert and Mosley and North Industrial Corridor Sites in Wichita, Kansas"
- June 12 John McLeod, "Re-Thinking the Woodford Petroleum System in Oklahoma"
- June 26 Bruce Black, Black Exploration, "Helium Exploration in the Rio Grand Rift"

Please remember to check the website for the most up to date information on Technical Talks

<http://www.kgslibrary.com/techtalks.cfm>

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



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2025

Wesley Hansen
2025

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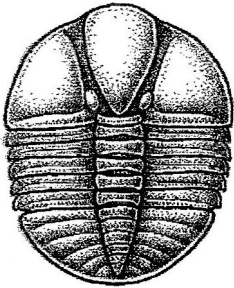
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**Bulletin committee members and PhD's in
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Kansas Geological Society (KGS) Medallion for Scientific Distinction and Excellence

The Kansas Geological Society (KGS) Medallion for Scientific Distinction and Excellence may be given annually for peer-recognized, sustained significant scientific contributions to all facets of applied Kansas geology, including work either in Kansas or in surrounding states if the latter contributions pertain directly and significantly to Kansas geology. No more than one award may be given each year, an award does not have to be given every year, and members of the KGS Awards Committee that handle nominations for this award cannot nominate themselves for this award. The candidates need not be active KGS members, and they must be living at the time of selection. The primary consideration in the selection of a candidate shall be his or her sustained, published, significant contributions to any facet of Kansas geology. Contributions may be varied in form such as development of geologic concepts, advancement in discovery thinking, and recognized leadership in exploration concepts. Oral and/or written publications in peer-reviewed geological venues is a requisite criterion for any candidate for this award. The name of a candidate shall be presented by the Awards Committee to the KGS Board of Directors for their approval. Once approved, the recipient shall be presented an appropriate award in the form of a medallion or plaque recommended by the Awards Committee and approved by the Board of Directors at the annual business meeting of the society. This is a new award given by the KGS for distinction and achievement in Geological research in Kansas.

Awards Committee members are Sal Mazzullo and Mike Dealy

AAPG IMAGE and Section Meetings

Image 2024 August 26-29
George Brown Convention Center
Houston, TX

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An Open Invitation to Young Geologists to Join AAPG

I would like to extend a special invitation to recent graduates and other young geological professionals to join AAPG. There are many young geologists outside the Wichita area that I have never met. They may work out of Great Bend or Hays, Kansas working with smaller oil and gas producers or working on their own as well site geologists. Kansas does have a future for the foreseeable future. The time is now to meet others from larger regional companies to forge a relationship for future employment. Young minds will be needed to replace those retiring and that other bad option.

I joined AAPG late in my career, much to my regret. I now serve voluntarily as a delegate for the Mid-Continent Section representing the Kansas Geological Society.

Respectfully yours,

Wesley D. Hansen Bulletin Editor and AAPG Delegate



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Memorial

Robert Eugene McCann

Robert McCann passed away on March 22, 2024. He was a beloved husband, father, grandfather, great grandfather and friend. He was 93 years old.

Robert was born on January 28, 1931 in Joplin, MO. He spent his childhood in Missouri, Tennessee and Kansas, He was a graduate of Wichita East High, class of 1949. He graduated from Wichita State University with a degree in Geology in 1953. His favorite hobby was fishing, but he didn't catch much. Bob enjoyed spending time with his grandkids and great grandkids around the pool.

Robert was preceded in death by his devoted wife and one true love, Elaine McCann, with whom he shared his life for nearly 62 years. He was also preceded in death by his parents Robert B. and Thelma McCann and sister Roslyn (Jim) Hackney.

Robert's love extended to his daughters, Catherine Kinzle and Karen Loyd of Wichita, KS; grandchildren Steven Kinzle, Joshua Loyd, Chelsea Silver, Matthew Kinzle, and Tabitha Sparks. He is also survived by his nephew David Hackney of Arizona and 5 great grandchildren.

He will be deeply missed by all who had the privilege of knowing him.

Editor's Note: Bob maintained an office at Landmark Square in downtown Wichita, as did I and other geologists. I had no business dealings with Bob, but he spoke to all he met in the building with a gracious and friendly manner.



In Memoriam

KGS and Industry Members Lost in 2023 and 2024

2023

Bill C. Romig

Dean Britting

Robert Llewellyn

Willis Nigh

Richard Cornett

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Robert “Bob” Cowdery

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Bob McCann



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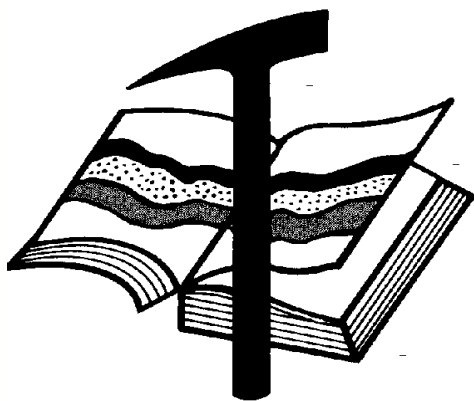
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KGS members please check your files

Fellow KGS members, please remember to check your files of elogs and geologist reports against the KGS paper library and the WDL before discarding them. I was contacted by John Morrison recently about a well I watched years ago that had some tops and DST info missing from his completion card. I took pics from my geo report of tops and DST results and sent them to John to update his card data. If I was to go through all of my files, I'm sure I have many logs and geo reports that are not in the files of either the KGS paper or the WDL. Before I hang things up in my career, I vow to go through all of my data and get it donated and scanned.

KCC rules allow an operator to hold information confidential for a two year period. As long as the well in question is older than the two year period, one can release the data. If one has concerns about alienating a client, of course, feel free to ask for permission.

Wes Hansen



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

Speaker's Bureau

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

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The KGF maintains a DVD & videotape library focused primarily on the various fields of earth science. These tapes may be checked out without charge by the public. To obtain a list of tapes, please contact the KGS Library, 1704 S, Baehr Wichita, KS 67209 or call Wes Hansen at 265-8676.

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

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

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

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

Kansas Geological Foundation

Kansas Geological Foundation News

Spring 2024 KGF Scholarship Recipients

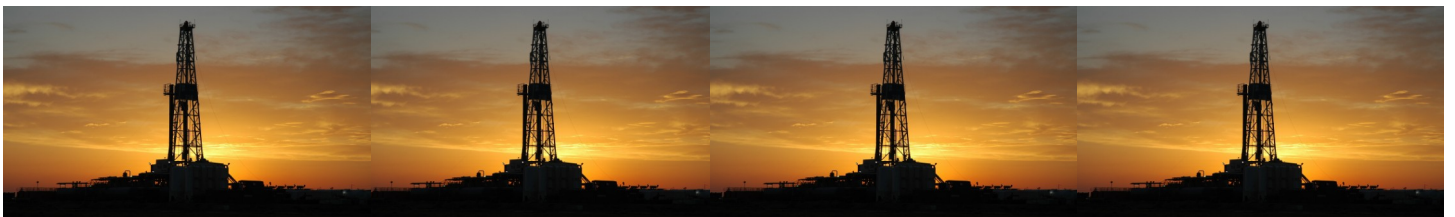
Name	University	Scholarship	Amount
Nicholas Ferry	University of Kansas	KGF Scholarship	\$1000.00
Julia Schwartz	Wichita State University	KGF Scholarship	\$1000.00
Luqman Olawale	Kansas State University	KGF Scholarship	\$1000.00
Adam Love	University of Kansas	KGF Scholarship	\$1000.00

KGF Grants

Sarah Lamm, PhD candidate at KU

\$2500.00 for Rocks and Rockets Event in Colby

August 2024



Kansas Geological Foundation News

Students: The KGF awards scholarships each December and May. Check with your department chairs for applications. You must submit complete applications by the deadline.

Scholarship Applications for the Fall semester will be due by May 1, 2024.

Grants to help with research on Kansas related geology are also considered for aid.

The Kansas Geological Foundation Needs You!



By permission

The KGF provides the financial resources to sort, process and file, in-kind donations of geological data at the KGS library. Due in large part to the KGF this unique and rare well of information is being made available to all. Please consider telling your company management and colleagues about the benefits of a library that continues expanding in part because of the KGF.

We very much value and need your financial support.

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Carl Todd	01/95	1995
Don R. Pate	03/95	1995
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Gerald W. Zorger	01/02	2002
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Kansas Geological Foundation Memorials

KGS Member	Date Deceased	Memorial Established
Gene Garmon	03/10	2010
James F. Dilts	05/10	2010
Jerry Pike	05/10	2010
Donald Hollar	06/10	2010
Delbert Costa	08/10	2010
John Tanner	08/10	2010
William (Bill) Owen	09/10	2010
Harold (Hal) Brown	10/10	2010
Edmund G. Lorenz	11/10	2010
Thomas E. Black	05/11	2011
Wayne E. Walcher	07/11	2011
Henry F. Filson	07/11	2011
Thomas Ray	07/11	2011
Edgar E. Smith	09/11	2012
Marilyn Messinger	06/13	2013
Micheal Mitchell	09/13	2013
Orvie Howell	11/13	2013
James Thompson	11/13	2013
Dick Rowland	09/13	2014
Robbie Thompson	12/13	2014
Kris Kennedy	04/14	2015
Annette Hedke	02/15	2015
James Devlin	04/15	2015
Robert Gensch	09/15	2015
Jerald Rains	05/16	2016
Max Houston	05/16	2016
Robert "Gus" Messinger	01/17	2017
Jimmy Wayne Gowens	04/17	2017
Walter H. Martz Jr.	01/18	2018
Gary Sandlin	01/17	2018
Douglas McGinness	12/16	2018
Allen Siemens	06/18	2018
Ernest R. "Ernie" Morrison	09/18	2018
E. G. "Elbie" McNeil	12/18	2018
Robert Maxwell (Bob) Euwer	1/19	2019
J. Fred Hambright	12/18	2019
W. Lynn Watney	7/19	2019
Byron Hummon	12/18	2019
Mike Raymond	11/19	2019
James Roberts, Jr.	3/19	2019
Herb Johnson	8/19	2020
Lloyd Parrish	2/20	2020
Bruce Reed	5/20	2020
Bob Scull	6/20	2020
Thornton E. Anderson	7/20	2020
Don Shawver	12/16	2020
Phillip Hart	12/20	2021
Timothy Lauer	05/21	2021
Fredrick Stump	09/21	2021
Larry J. Richardson	10/21	2021
Robert Cowdery	12/23	2023

18 Drilling Rigs
To depth of 9,500 ft.



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Drilling Manager

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BULLETIN CONTENT POLICY

Effective January 1, 2018, only ads for service companies and geologists offering their services will be permitted in the KGS Bulletin. Furthermore, only content of geologic interest or official KGS functions (technical talks, annual banquet, golf tourney, picnic etc.) will be permitted in this bulletin. This policy is in keeping with maintaining a professional standard for this publication. Any interpretation of this policy rests solely with the editor of this bulletin.



AAPG Needs You!

Professional geoscientists, share your world!

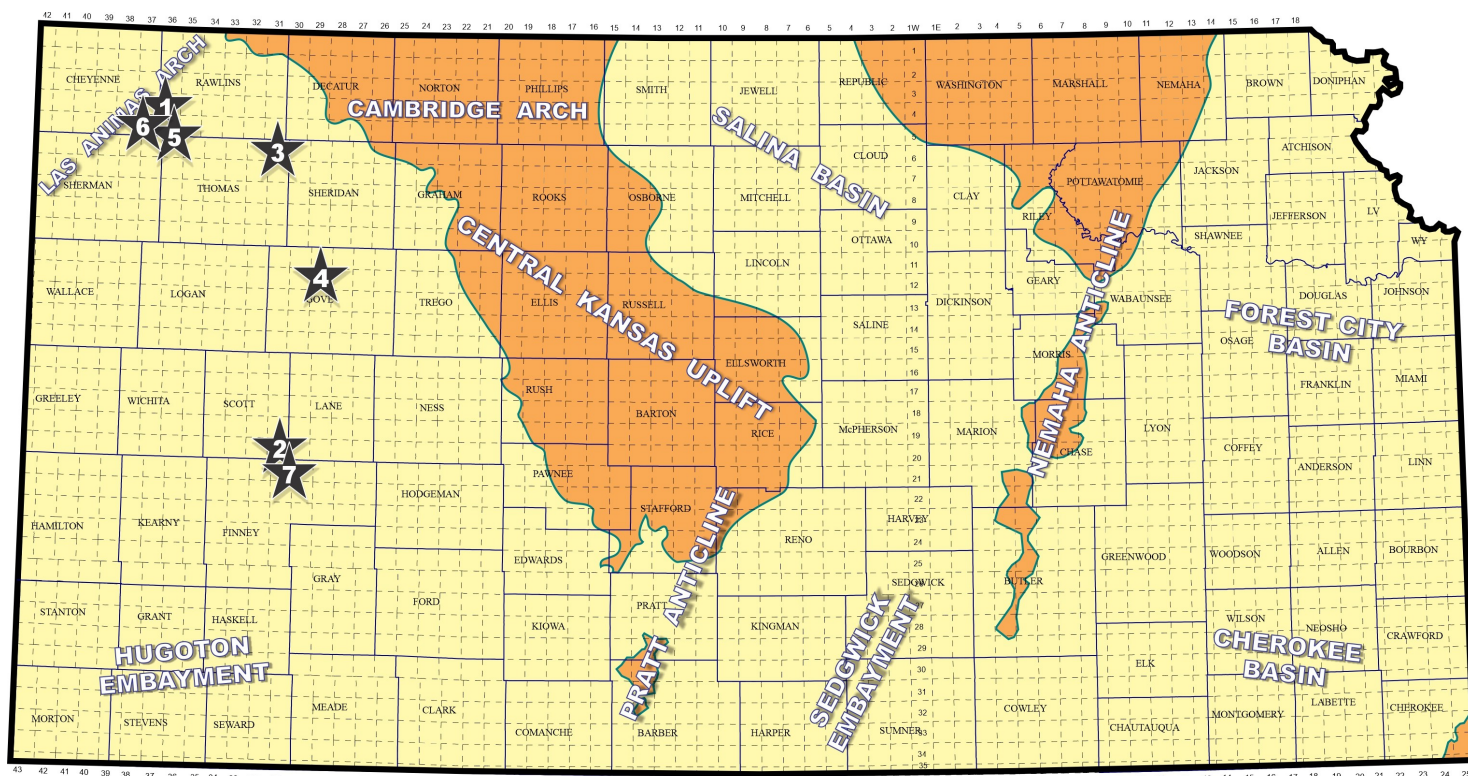
The Mid Continent Section has 17 AAPG Student Chapters, but only 3 Visiting Geoscientists...which makes it almost impossible to have a professional geoscientist visit to each school at least once a year or even once every two years. The aim of AAPG's program is to give students a flavor of a professional life in energy resources. It also hopes to encourage dialog between industry and academia. To be a Visiting Geoscientist bearing the AAPG flag, you are asked to have at least 5 years of experience and make at least one visit per year to a university. It can be a school with an AAPG Student Chapter, or a college/university without one. Your choice.

The Mid Continent schools with Student Chapters are: Missouri University, Fort Hays State University, Iowa State University, Kansas State University, Missouri State University, University of Nebraska, Northwest Missouri State University, Oklahoma State University, University of Oklahoma, University of Arkansas, University of Iowa, University of Kansas, University of Missouri, Columbia University of Tulsa and Wichita State University.

Contact Robbie Gries, co-Chair VGP committee, Denver, if you are interested in learning more. rrgries@aol.com

Exploration Highlights

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



Map courtesy of Marc Summervill

1. Carmen Schmitt, inc., Great Bend (KS), has discovered oil deposits in the Cherokee formation at a rank wildcat well located one mile east of the town of McDonald in Rawlins County. The #1-15 TLM was drilled to a total depth of 4,950 ft by Brito Oil Company of Wichita, before being turned over to Carmen Schmitt for completion. Murfin Drilling's Rig #110 drilled the well in the SW/4 of section 15- T4s- R36W. No completion details have been released. The new "Middle Beaver Southeast" pool discovery lies about one and one-quarter miles southeast of the Middle Beaver pool that Schmitt and Brito also discovered in early 2022 in section 9- T4s- R36W. Their #1-9 Hines Farms pool opener has produced over 41,000 BO from the Cherokee formation. (ref: API 15-153-21320)

2. Abercrombie Energy LLC, Wichita (KS), has successfully completed the #1-35 Lamb - Morgan Unit in Scott County. The remote wildcat well establishes the "Hippopotamus" Mississippian oil field nearly seven miles from nearest recognized production in the Neufeld pool (est. 1997, Marmaton oil). Closest Mississippian production in the vicinity lies over ten miles away. Discovery site is in the SW/4 of section 35- T20s- R31W, about 15 miles south of Grigston, Kansas. No completion details have been released. The new oil field has not been named. (Ref: API 15-171-21312)

3. American Warrior, Inc, Garden City (KS), has discovered new Lansing-Kansas City oil reserves nearly seven miles northeast of the Rolling Thunder oil field (est. 2014, LKC and Marmaton oil) in Thomas County.

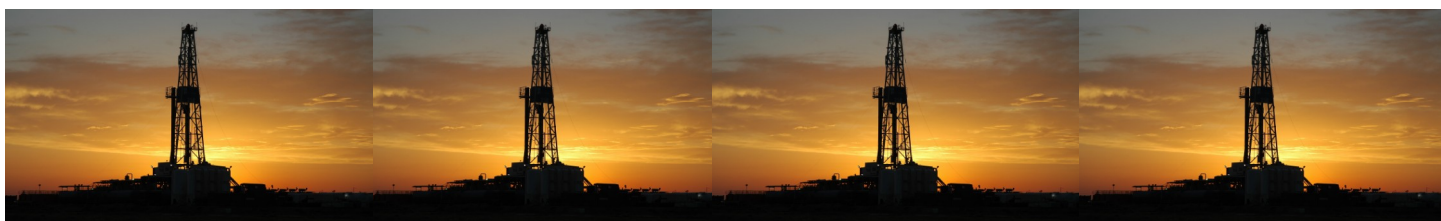
The remote wildcat, #1-10 Williams, began producing oil on November 3rd at location drilled in the SW/4 of section 10- T6s- R31W, about five miles northwest of the town of Rexford, Kansas. Duke Drilling tools bottomed the well at a total depth of 4,550 ft. No completion details have been released. The new pool has been named "CAP". (ref: API 15-193-21120)

4. Shakespeare Oil Company, Inc, Salem (IL), has discovered new oil reserves nearly three miles west of recognized oil production in the Castle Bluff pool (2013, Lansing-Kansas City oil) in Gove County. Operator drilled the #1-22 Heier Comm to a total depth of 4,488 ft at site in the NE/4 of section 22- T12s- R29W. The wildcat well is on pump producing undisclosed amount of crude oil from the Lansing-Kansas City and Marmaton (Pawnee) formations. The new "Heier" pool is located about two miles north and one mile west of Gove, Kansas. (Ref: API 15-063-22434)

5. Downing - Nelson Oil Company, Hays (KS), has discovered oil deposits in the Cherokee formation at a rank wildcat well in Rawlins County, northwest Kansas. The #1-3 Fisher Family is producing an undisclosed amount of crude oil in the SE/4 of section 3- T5s- R36W, about nine miles south and two miles east of McDonald, Kansas. The well was drilled to 4,945 ft by Duke Drilling's Rig #5. Discovery site lies about one and one-quarter miles east of Downing - Nelson's #1-4 Poore, SE/4 of section 4, which has produced nearly 6,000 BO from a Cherokee lime zone at a depth of 4,684 to 4,692 ft. The well opened the Poore Field in 2021. Downing - Nelson's new pool has been named "Fisher". (Ref: API 15-153-21312)

6. Arcadian Resources LLC, Glen Elder (KS), is producing an undisclosed amount of oil from the Lansing - Kansas City formation at their #2-1 Vallin pool discovery well in the SW/4 of section 2- T5s- R37W, Cheyenne County. The wildcat well was drilled to a total depth of 4,982 ft by Double D Drilling KS Rig #1 but is plugged back to 4,938 ft. Operator perforated pay zone from 4486-4489 ft and put the well on pump making 80 BOPD, no water. Closest recognized production in the area lies over one mile to the northwest of drill site in the Pianalto South pool, which has produced nearly 178,000 BO from the LKC and Marmaton formations since 1993. Arcadian's new "Vallin" pool is located about seven miles south and five miles east of Bird City, Kansas. (Ref: API 15-023-21611)

7. Raydon Exploration, Inc., Oklahoma City (OK), has discovered Mississippian oil deposits at a rank wildcat well in Finney County, southwest Kansas. The #2-10 Breyfogle is producing an undisclosed amount of crude oil at site located in the SW/4 of section 10- T21s-R31W, about one mile south and eleven miles east of the town of Friend. The well was drilled to an estimated 5,200 ft by Duke Drilling tools. Closest recognized production in the vicinity of the new find lies over four miles away in the Crist oil field, which has produced oil from the Marmaton formation since 1966. Raydon's new oil field has been named the "Breyfogle" pool. (Ref: API 15-055-22591)



March 2024

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

April 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9 KGS Board	10	11	12	13
14	15	16	17 KGF Board	18	19	20
21	22	23	24	25	26	27
28	29	30				