

April 2018



# NEWS

## of the FOUR CORNERS GEOLOGICAL SOCIETY

### Friday April 13<sup>th</sup> FCGS Lunch Meeting

*This is a joint meeting with the Four Corners Landmen's Association and SPE*

**SPEAKER:** Ken McQueen, New Mexico Secretary of Energy

**TITLE:** **THE STATE OF ENERGY AND NATURAL RESOURCES IN NORTHWEST NEW MEXICO**

Special Guest: Kathleen Sgamma, President of the Western Energy Alliance

**DATE:** Friday, April 13<sup>th</sup>

**TIME:** Social 11:00 am, Buffet Lunch 11:30 am, Talk from noon to 1 pm.

**LOCATION:** San Juan Room, San Juan Country Club, 5775 Country Club Road, Farmington, NM.

**COST:** \$20/person with RSVP by deadline. \$25/person post deadline and/or at door (while food lasts). \$2/person talk only.

**RSVP:** By noon on Monday April 9th to Jim Corken at: [rjork@aol.com](mailto:rjork@aol.com) / [970-759-2567](tel:970-759-2567); or RSVP and pay online at: <http://www.fourcornersgeologicalsociety.org/>

#### ABSTRACT:

Secretary McQueen will provide an update on oil and gas production and the outlook for future New Mexico energy development. His discussion will include OCD's regulatory initiatives to stay abreast of technological advancements as well as addressing contemporary regulatory concerns. Secretary McQueen will also provide an update on the Governor's initiatives, including exports to Mexico and streamlined federal regulations. The Secretary will conclude with his insights for the future of the Mancos development in the San Juan Basin and the recent changes among the historic basin operators.

Ms. Sgamma will give us some short opening remarks of concern to the industry and introduce Mr. McQueen.

#### ADVERTISING RATES

Full page (7.5" x 9.5")	\$100/mo or \$1000/yr
Half page (7.5" x 4.5")	\$50/mo or \$500/yr
Quarter page (3.5" x 4.5")	\$25/mo or \$250/yr
Custom size	\$3.50/ column inch

*Members who have not renewed this year, please do so. The deadline was March 1st. Your help is appreciated. Use the form on the last page or go online to our Four Corners Geological Society website under the Membership tab.*

#### UPCOMING EVENTS:

**April 14<sup>th</sup> Durango Area Field Trip (see Prez Sez).**

**April 26<sup>th</sup>. Meeting in Durango: FLC Senior Theses and posters.**

**August 26th. FCGS Picnic!**

## SPEAKER'S BIOGRAPHY:

### Ken McQueen:

Ken McQueen is New Mexico's Cabinet Secretary for Energy, Minerals and Natural Resources. Appointed by Governor Susana Martinez in 2016, McQueen oversees the state's oil and gas, mining, forestry, parks and energy conservation. Additionally, McQueen serves on multiple boards and commissions in New Mexico, including Chair of Rio Grande Trails Commission, Chair of the Carlsbad Brine Well Authority, Chair of Natural Lands Protection Committee, Secretary of New Mexico Finance Authority, and member of Water Trust Board.



Before his appointment as Secretary, McQueen served as Vice President for WPX Energy with operational responsibilities in New Mexico, Colorado, and Wyoming. He has 38 years of diversified industry experience across twelve different states and three countries. He is a former Farmington resident.

The son of a Conoco roustabout, he grew up near Davis, Oklahoma.

He graduated from the University of Tulsa with a BS in Petroleum Engineering. An active alumnus, he twice served as Chair of the Industry Advisory Board and was also as an adjunct professor at his alma mater. Earlier this year, he was inducted into the College of Engineering's Hall of Fame.

### Kathleen Sgamma:

Kathleen Sgamma is the President of Western Energy Alliance, which advocates on behalf of companies involved in all aspects of environmentally responsible oil and natural gas exploration and production in the West. The Alliance engages in federal legislative, public lands, environmental, regulatory, and public affairs issues. Kathleen has testified before several Congressional Committees on energy and environment topics, and is regularly quoted on western issues in national, international and regional media including the Wall Street Journal, New York Times, BBC, Fox News, NPR, E&E News, National Journal, and Denver Post. Prior to joining Western Energy Alliance in 2006, she spent eleven years in the Information Technology sector, including establishing the European consulting practice and a German subsidiary for a software company; and three years as an intelligence officer in the U.S. Army. She holds a BS in Political Science/Defense and Arms Control Studies from the Massachusetts Institute of Technology and an MS in Information Technology from Virginia Tech.



## SAN JUAN RIVER TRIP BACK ON!!!!

makes a profit, and we find and outfit all our own gear.

**One of our members got a cancellation!  
MORE INFORMATION TO COME IN THE NEXT NEWSLETTER.**

The trip will be from Bluff to Mexican Hat and is the classic Paradox Basin Geology field trip. The trip will be non-commercial, meaning that EVERYONE participating in the trip shares all costs, nobody



*let's go boating!*

## WEBSITE UPDATE

We are in the process of revamping our website this spring. The site we are currently using was set up in the early 2000's and although it was a breakthrough at the time, it is now outdated. Sabina Kraushaar and Tom Ann Casey have evaluated 3 bids from local website developers to rebuild it. Our goals are to manage our own content and create a modern, flexible and functional design to better serve our membership. We will keep you updated on our progress.

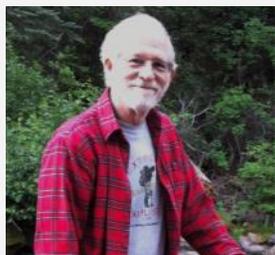
Meanwhile, website development costs are estimated between \$2000 - \$2500. A monthly fee for hosting and maintenance will likely follow. The FCGS Board has approved the initial funding of up to \$2500.

The FCGS is looking for sponsors to help fund development of the new website. Please consider a donation. Two of our members have issued a matching challenge to individuals to entice us to help out! Company sponsors & individual donors will be acknowledged by posting their logos (and names) on the new website for 2018 through 2020. Details below. THANK YOU VERY MUCH FOR YOUR SUPPORT!!

If you wish to donate, please email Tom Ann at [talcgeo@gmail.com](mailto:talcgeo@gmail.com) for information and a link to make it easy to pay.



# “PREZ SEZ” by Jim Corken



## Spring Greetings!

We were treated to an outstanding talk by local member Devin Hencmann at our March meeting. Devin enlightened us on the methane seeps in our area with some really cool traditional and thermal imaging

videos of active gas seeps and updated us on the mapping project commissioned by the COGCC. Thanks Devin! We are set to close out our 2017-18 season with a bang! We have a **lunch meeting in Farmington on April 13** (yes, it's a Friday!) followed by our Durango Area Field Trip the following day. And then on April 26, we will have our annual FLC Senior Thesis presentations at FLC (more about this meeting in our mid-April newsletter). We expect a large student turnout at the April 26 meeting and it's not too late to be a sponsor at this special event. Please contact me or Tim Rynott if you would like to contribute to enable a student (or students!) to attend. Our April 13<sup>th</sup> speaker is Ken McQueen, New Mexico Secretary of Energy, Minerals and Natural Resources, who will speak on the outlook for future energy development in the state, highlighting his insights on the Mancos Shale in the SJB. The meeting will be held at the San Juan Country club in Farmington. Social begins at 11:00am, lunch at 11:30 and the talk starts at noon.

**Our Geology of Durango and the Animas Valley** day trip is set to launch on **Saturday, April 14**. As trip organizer, Tim Mathews said previously, the trip is full. But don't fret if you didn't make the cutoff, we do have the commitment from trip leaders that we will run it again in the next year or so. Thanks to everyone who expressed interest! Field trip participants

will meet outside Ska Brewing at 8:15 that morning. Please park on the street and bring your own lunches. For anyone interested, participant or not, you are invited to join in the post-trip wrap up at Ska around 4:30pm.

The results of our 2018-19 election are in, and it was a landslide for all officers running! Please join me in congratulating our new President-Elect Sabina Kraushaar and Secretary Helen Mary Johnson! A huge thank you Sabina and Helen Mary for stepping forward. Huge thanks as well go to Treasurer Tom Staatz and Newsletter Editors Kim Gerhardt and Tom Ann Casey for continuing to serve the society (since the Pleistocene?) in their critical roles!! Our deep gratitude goes to outgoing Secretary Jeff Brame for all he has done, and continues to do, for the society! And last but not least, for the energy and innovation he brings to the society, our ever-increasing appreciation goes to current President-Elect, Tim Rynott, who automatically succeeds to the Presidency. The official term of our new officers begins at the end of the month.

## Reminders

Mark your calendars for the annual FCGS picnic on August 26<sup>th</sup>!

We are recruiting volunteers to help on committees for the 2020 AAPG Rocky Mountain Section meeting held in Grand Junction and jointly hosted by the FCGS and GJGS. Please contact Kim Gerhardt or myself for more information. 2020 may sound like a long way in the future but early deadlines will be here in just a few months and we need your help to make this convention a success.

Cheers!  
Jim

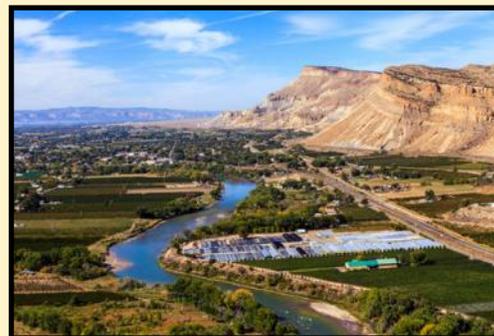
FCGS President Jim Corken and Board Members Jeff Brame and Kim Gerhardt travelled to Moab to meet with the Grand Junction Geological Society. The FCGS and the GJGS will be co-hosting the Rocky Mountain Section AAPG meeting at the Two Rivers Convention Center in Grand Junction in September, 2020. This was the first organizational meeting since the commitment was made to co-host in 2015.

At this time the only firm decisions are the dates of the meeting (September 12-16, 2020) and the location (Two Rivers Convention Center in Grand Junction). Also negotiations have begun with a convention facilitator (GEM) to handle Registration and other logistical tasks. (GEM has worked at many of the RMS conventions including Grand Junction in 2012.) Committee chairs, the theme and many specifics are still to be determined. Our first hard target is to produce a flyer to hand out at the AAPG National Convention (ACE) in May of 2019. This gives us a year to come up with a brief description of the venue, meeting theme, technical session topics, field trips, guest activities and list of steering committee chairs.

We need **your ideas and energy** to pull this off. It was a ton of work in 2010 but also exciting, invigorating and fun.

**Please volunteer to work on the 2020 planning committee!**

Contact Kim Gerhardt you are interested (970) 375-2700 or [kim@mydurango.net](mailto:kim@mydurango.net).



## OTHER EVENTS, MEETINGS & COURSES

**RMAG APRIL SHORT COURSE:** Denver, CO, April 11-12. "Oil and Gas Law for Geologists". Instructor: Ralph A. Cantifio. For more information go to: [http://www.rmag.org/index.php?option=com\\_content&view=article&id=152:2018-april-short-course&catid=20:site-content](http://www.rmag.org/index.php?option=com_content&view=article&id=152:2018-april-short-course&catid=20:site-content) .

**COLORADO SCIENTIFIC SOCIETY MONTHLY MEETING:** Lakewood, CO, April 19<sup>th</sup>. "Role of USGS and CGS" by Buddy Schweig and Karen Berry, For more information go to: <http://coloscisoc.org/> .

**PTTC (Petroleum Technology Transfer Council) ROCKIES TRAINING:**

April 26<sup>th</sup>, Golden, CO. Instructors: Richard Patience and Joe Curiale. "Applied Petroleum Geochemistry". For more information and to register go to: <https://www.eventbrite.com/e/applied-petroleum-geochemistry-tickets-42319290136>

**RMAG MAY LUNCHEON:** Denver CO, May 4<sup>th</sup>., Maggiano's Little Italy - 500 16th Street Mall #150, 11:30am. Speaker: Jeffrey May, "Using Sequence Stratigraphy to Optimize Target Selection in Resource Plays". For more information go to: <http://www.rmag.org/upcoming-luncheons#maylunch>

**COLORADO SCIENTIFIC SOCIETY MONTHLY MEETING:** Lakewood, CO, May 8<sup>th</sup>. "Climate and Biology, Perspectives from the Paleocene / Eocene Thermal Maximum (PET) in the Bighorn Basin; Implications for Today" by Will Clyde, UNH, For more information go to: <http://coloscisoc.org/> .

**RMAG GEO TRAIN TRIP TO AAPG ACE, SLC:** May 19-20, 2018. Ride with geologists to the AAPG meeting in Salt Lake City. Short geology talks along the way. For more information and to register go to: <https://rmag.memberclicks.net/train-to-salt-lake-city> .

**AAPG ANNUAL CONVENTION & EXHIBITION (ACE),** Salt Lake City, UT, May 20-23. Registration now open at <http://ace.aapg.org/2018/> .

<http://ace.aapg.org/2018/>

- > 12 Field Trips
- > 16 Short Courses
- > Poster and Core Exhibits
- > Luncheons, Networking,



**ACE 101: Bridging Fundamentals and Innovation**

### 2017-2018 FCGS OFFICERS

**President:**

Jim Corken  
(970) 759-2567  
[rjcork@aol.com](mailto:rjcork@aol.com)

**President-Elect:**

Tim Rynott  
970-946-8192  
[tlrycott@gmail.com](mailto:tlrycott@gmail.com)

**Treasurer:**

Tom Staatz  
(505) 215-2908  
[tstaatz@gmail.com](mailto:tstaatz@gmail.com)

**Secretary:**

Jeff Brame  
970-759-9827  
[GeoStar20@aol.com](mailto:GeoStar20@aol.com)

**Newsletter Editor:**

Kim Gerhardt  
(970) 375-2700  
[kim@mydurango.net](mailto:kim@mydurango.net)

**Website Chairperson:**

Sabina Kraushaar  
970-799-1655  
[smkraushaar@gmail.com](mailto:smkraushaar@gmail.com)

### 2017-2018 OFFICERS OF THE FCGS FOUNDATION

**President:**

John Mercier  
(505) 324-1166 [mercierjohn007@gmail.com](mailto:mercierjohn007@gmail.com)

**Treasurer:**

Jeff Carey  
(970) 749-5845  
[jccarey3@hotmail.com](mailto:jccarey3@hotmail.com)

**Secretary:**

Jim Fassett  
(505) 983-6011  
[jimgeology@centurylink.net](mailto:jimgeology@centurylink.net)

**Member:**

Joe Hewitt  
(505) 564-7740  
[jhewitt@blm.gov](mailto:jhewitt@blm.gov)

**See the Prez Sez column for the NEW Officers**



# FOUR CORNERS GEOLOGICAL SOCIETY

P.O. Box 1501  
Durango, CO 81302

## 2018 MEMBERSHIP RENEWAL or APPLICATION

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Employer: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

### Please Identify a Membership Category:

	Active Member 1	\$25	Person holding a degree in geology or an allied science and receiving the FCGS Newsletter via <b>email</b>
	Active Member 2	\$35	Person holding a degree in geology or an allied science and receiving the FCGS Newsletter via <b>US Mail</b>
	Associate Member 1	\$25	Person whose interests are closely associated with geology and receiving the FCGS Newsletter via <b>email</b>
	Associate Member 2	\$35	Person whose interests are closely associated with geology and receiving the FCGS Newsletter via <b>US Mail</b>
	Student Member	Free	Undergraduate student majoring in geology or an allied science. Year expected to graduate: _____
	Emeritus or Honorary Member	Free	Year Honorarium or Emeritus Status was awarded: _____

The dues year begins on January 1<sup>st</sup>. For dues paid after March 1, add a \$5 late fee (does not apply to new members).

My professional interests are: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I am making a donation to the FCGS Foundation! Amount \$\_\_\_\_\_ (Please enclose a separate check).

Please print, complete and return this form with your check for dues made payable to:  
Four Corners Geological Society and mail to the address above. OR go online to  
[www.fourcornersgeologicalsociety.org](http://www.fourcornersgeologicalsociety.org) to join or renew.