

# SPE Mid-Continent Section Newsletter

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Mid-Continent Section



*Society of Petroleum Engineers*

## 1917-Mid-Continent Section-2017



# SPE Mid-Continent Section

## Executive Committee Voting Members

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<b>Sporting Clays Tournament:</b> Charley Mathis, Thru Tubing Solutions	918-629-5853	cmathis@thrutubing.com

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Voting members consist of the Executive Committee. The Chairman only votes in the event of a tie. A Motion can be voted upon with a Quorum of the Voting Members present. A Quorum consists of five Voting Members present. An affirmative vote will consist of 50% of the Quorum present. Committee Chairmen and in their absence, the Committee Vice Chairmen are encouraged to attend board meetings and provide representation and committee reports. The editor welcomes newsworthy items about SPE members or events. Please provide a **draft to the newsletter editor by the 25th of the month**. Change of contact information requests should be made to SPE in Richardson, TX, 1-800-456-6863, or [service@spe.org](mailto:service@spe.org).

# Chairman's Gavel

David Krueger, 2020-2021 Chairman

You know the saying, "April showers bring May flowers". While I am sitting here writing the SPEMC May newsletter insert, it is raining outside and the forecast is for rain all night into the morning. While hearing the gentle pitter patter of rain outside it comes to mind how dependent we, as a society and the world are on adequate water supplies. I saw a little article last week on Lake Powell being at 25% of reservoir capacity and is the lowest it has been since the dam was built and the government started to fill the reservoir. Several large western cities depend on water from Lake Powell and the Colorado River watershed. I can also remember doing a multistage slick water frac on a well in Arkansas where we had to pay almost \$6 per bbl for frac water due to drought conditions. The possibility of water becoming a high-priced commodity in the near future is very real.

WTI today is around \$63/bbl. This is up by well over 200% from a year ago. There are a lot of geopolitical forces at work that will influence where the price goes from here and how fast it changes.

What are your plans for this summer? It is just around the corner. As a matter of fact, this newsletter will be the last one before summer begins. We will pick up in a few months again to finish up the year.

Have you ever thought about all the volunteers who work hard to make your local SPE Chapter a success every year? If you are not currently volunteering to help out your local chapter, please consider helping. Get in touch with any of the board members or officers and we can help you get plugged in to help. The saying is very true that "Many hands make light work".

I want to wish each one of you a very wonderful summer. I also want to thank you for the opportunity to serve you as your Chairman over this last year.

David Krueger  
2020-2021 Chairman  
[d8krueger@gmail.com](mailto:d8krueger@gmail.com)

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## SPE MID-CONTINENT SECTION 2021-2022 OFFICERS AND DIRECTORS ELECTION

The SPE Mid-Continent Section Officers and Directors Election begins on Wednesday, May 5th. Voting members will receive an email on Wednesday, with a link to vote. Please take a moment of your time to vote. ***Voting closes at the end of the business day Tuesday, May 11th, 2021.***

## SPE MID-CONTINENT REGION STUDENT PAPER CONTEST

The 2021 Mid-Continent Region Virtual Student Paper Contest - Postgraduate Division event is scheduled for May 22 and SPE needs your help! SPE is looking for judges to review this year's papers and award the 2021 winner. To serve as a judge you must obtain a Masters or Postgraduate degree. The time commitment will be Saturday, 22 May from 0800 - 1200 CST.

If you are interested in participating as a judge, please contact Taylor Wright at [twright@spe.org](mailto:twright@spe.org).

# From Your Editor

**Betty Felber, 2020-2021 Editor**

Well, we made it through another challenging year for the Section. Things are looking up as more of our members get vaccinated. Thanks and congratulations to our current Midcontinent SPE officers for the 2020 – 2021 season.

Soon our new slate of officers will take the Section reins. I urge you to give them your support and vow to become more active in our section. Surely the 2021-2022 session won't be as tumultuous as our current one. Our IOR will be held in 2022. We are currently planning to have an in person meeting.

Have a good summer break. We hope to see you in September.

Betty Felber  
Editor

## Calendar of Events

### **Wednesday, May 5, 2021 - Zoom Presentation**

- Gavin McQueen, President and COO of Sage Power and Reliability Company; "The night the lights went out in Texas" ([see details on page 4](#))

### **Friday, July 30, 2021 - SAVE THE DATE**

- Member Appreciation Event, Main Event, Tulsa - 81st & Hwy 75 across from Tulsa Hills ([see details on page 5](#))

### **September 2021 - Student Night Dinner Meeting - The Campbell Hotel's Renaissance Square - SAVE THE DATE**

- An Annual Joint Meeting of the SPE Mid-Continent Section and the SPE TU Student Chapter - [Watch for details via email](#)

### **Friday, October 1, 2021 - SAVE THE DATE**

- 26th Annual Sporting Clays Classic, Longshot Ranch, Skiatook - [Watch for details via email and in the September 2021 newsletter](#)

### **April 25-29, 2022, SPE Improved Oil Recovery Conference - Tulsa**

- Technical Program Sessions, Mon. 25th - Wed. 27th, Short Courses Thursday and Friday April 28th & 29th - [www.speior.org](http://www.speior.org). [Call for Papers opens Thursday, May 6, 2021. Watch for details on registration opening late Summer 2021](#)

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*All SPE luncheons are held at the Summit Club unless otherwise noted - See p7 for more details.*

# SPE Mid-Continent Section

Presentations / Meetings

## MAY 2021

**ZOOM PRESENTATION | WEDNESDAY, May 5, 2021**

**Location/Time:** Online, Login 11:20 a.m., Presentation 11:30 a.m.

**Speaker:** Gavin McQueen, President and COO of Sage Power and Reliability Company

**Topic:** “The night the lights went out in Texas”

Join us for a presentation by Gavin McQueens on May 5th. Register at this link <https://us02web.zoom.us/meeting/register/tZMkf-GurDwsGNOBfmanGX-u3raNU4rC0OQeJ> After registration you will receive a Zoom link by email. Please do not share this link with others, it is unique to you.

### Description

During the deep freeze of 2021, Texas experienced sudden and long-lasting power grid failure leaving millions without power for several days. Gavin McQueen will be presenting information related to the Texas power grid, ERCOT, how they generate and purchase electricity, the political landscape, and the roles played by natural gas and wind power generation.



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producing for you.

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Monthly presentations are being planned for the 2020-21 session. The the safety of our members is our top priority so in-person scheduling for future events is tentative based on health guidelines in our area as well as availability of meeting venues. Watch for announcements about future meetings and events in this newsletter or by email.

# Member Appreciation Event

**WHO:** Full time SPE Mid-Continent Section members and their families

**WHAT:** Food & Fun - three hours of all you can play activities

**WHERE:** Main Event (7830 S. Santa Fe Ave., Tulsa, OK 74132 - 81st & Hwy 75 across from Tulsa Hills)

**WHEN:** Friday, July 30, 2021  
6:30 - 9:30 p.m.

**RSVP:** *Watch your inbox for details on how to sign up*

Mark your calendars for Friday evening, the 30th of July 2021 for an evening of fun, games, and food. All full time Mid-Continent Section members and their families are cordially invited. Let us once again demonstrate to our wonderful and loyal members just how appreciative we are of your continued support.

The evening includes reserved party space, BBQ dinner\*, three hours of all you can play activities including arcade games, bowling, and laser tag.

\*Dinner includes smoked pork ribs, grilled chicken breasts, smoked jalapeno sausages, baked beans, slaw, mac & cheese, cornbread with whipped butter, coffee, tea, water, and unlimited soft drinks. Also includes a complimentary beer and wine ticket (one per adult guest).

## 55% Pass 2020 Petroleum PE Exam

NCEES and the State Engineering Boards released their 2020 Professional Engineering Exam results. Nationwide, the Petroleum Engineering Exam recorded a 55% pass rate. The Petroleum first time takers passed at a 70% rate. The pass rates for a few other engineering disciplines were:

Chemical	56%	Agricultural	69%
Civil	55%	Fire Protection	57%
Electrical	54%	Industrial	63%
Environmental	65%	Metallurgical	69%
Mechanical	66%	Mining	56%
Nuclear	50%	Control Systems	59%

The Petroleum pass rates in 2020 for a few states:

Alaska (1/1)	100%	Oklahoma (6/6)	100%
Colorado (9/9)	100%	Texas (41/70)	59%

What are the requirements to take the Petroleum PE Exam? Today, Oklahoma requires that you have:

1. An engineering, math or science degree.
2. Passed the Fundamentals, or FE Exam.
3. At least four years of professional experience.

Interested? Contact the Oklahoma State Engineering Board at (405) 521-2874 for application forms. State web sites are also available at: [www.ncees.org/licensure/licensing\\_boards](http://www.ncees.org/licensure/licensing_boards). The Oklahoma application deadline to take this years PE Exam is June 1, 2021. This year's exam will be given on Wednesday, October 20, 2021.

## Petroleum PE Review Course

Winrock Engineering, Inc. is offering a Petroleum PE Review Course in Oklahoma City from August 9 through August 13, 2021. For more information, contact:

Winrock Engineering, Inc.  
P. O. Box 42296  
Oklahoma City, Ok, 73123

Web Site: [Winrockengineering.com](http://Winrockengineering.com)

Phone: (405) 822-6761

E Mail: [bingwines@cox.net](mailto:bingwines@cox.net)

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## PetroWiki

PetroWiki is a free resource from SPE to answer many basic petroleum engineering and operational questions. SPE professional members can contribute their expertise through updating or adding to PetroWiki content.

<http://petrowiki.org/PetroWiki>

*“It’s hard to get off your high horse gracefully.”*

— **Anonymous**



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