

SPE Mid-Continent Section Newsletter

May 2023 | Issue No. 484



Mid-Continent Section



www.spemc.org

SPE Mid-Continent Section

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Golf Tournament:		
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Sporting Clays Tournament:		
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.

Chairman's Gavel

Miranda Dunham, 2022-2023 Chairman

Happy May -

It finally feels like spring. Soon enough we will be begging for fall and cooler weather. But until then you will find me on the back patio soaking up the sun! I am writing this last Gavel here now. I have enjoyed my time as Chairman over these past several months and thank you all for the support. I welcome our new Chairman, Brian Flake. I know that you all will be in good hands. Brian has faithfully served the Section for two years now and has had a positive impact. I can't wait to see all he will accomplish as Chairman. I am happy to report that Ryan and Bryn will be staying on as the treasurer and Vice Chairman, respectively. Lastly, we welcome McKenzie Bender as our Secretary. She, like many others on the board, is a TU Petroleum Engineering graduate and has served our industry well. I am confident that she will faithfully serve our Section for many years to come.

Our annual golf tournament will be on Monday, May 8th. The event will take place at Meadowbrook. There is still a little bit of time to register, volunteer, or sponsor a hole if you are interested (<https://charitygolftoday.com/event?e=5194&ce=2b8884>). Please contact our Golf Chair, Michael Owens. We will hold our last meeting of the year on May 17th. Please plan to attend before our summer break! Also, do not forget about our annual Members Appreciation event at Hunter Park. We will have Daddy B's BBQ and several raffles. As a reminder this is a family event and we hope to see you, a significant other, and any children you would like to bring.

Thank you to everyone who participated in the annual Section Officer and Director elections. Enjoy your summer holiday and I will see you all at our first meeting back after the break!

Sincerely,

Miranda Dunham
2022-2023 Chairman
mirandabdunham@gmail.com

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CONGRATULATIONS!

Following are the results of the SPE Mid-Continent Section 2023-2024 Officers and Directors Election:

Chairman:

Brian Flake

Vice Chairman (Programs):

Bryn Lewis

Secretary:

McKenzie Garcia

Treasurer:

Ryan Owens

Directors:

Nathan Buchanan

Kyle Drew

Charley Mathis

Hap Pinkerton

Joseph Tyree

From Your Editor

Betty Felber, 2022-2023 Editor

May is here and we have elected a new slate of officers. Thanks to the nominating team for getting our Mid-Continent members to agree to run for slots on our incoming board.

Thanks to all the current officers for your input into the success of our Section—We accomplished much. Remember our next luncheon meeting is May 17th. Hope to see you there.

Also the membership appreciation event at Hunter Park follows on the 25th.

Betty Felber
Editor

Calendar of Events

Monday, May 8, 2023 - **STILL TIME TO REGISTER!!**

- SPE Mid-Continent Section Golf Tournament, Meadowbrook (<https://charity-golftoday.com/event?e=5194&ce=2b8884>)

Wednesday, May 17, 2023 - Luncheon Meeting - OSU Tulsa

- Kevin Wutherich, Drill2Frac - Estimating Fracture Length Distribution using Depletion Mapping in Infill Wells - (see details page 6).

Thursday, May 25, 2023 - HUNTER PARK, TULSA

- Spring Membership Event at Hunter Park in Tulsa with a BBQ dinner and a gift card raffle - **Registration is free to members, but is required** - (see details page 4).

Spring Membership Event

- WHO:** Full time SPE Mid-Continent Section members, their families, and Prospective Members
- WHAT:** Spring Membership Event with BBQ, fun, fellowship, and gift card giveaway
- WHERE:** Hunter Park | 5804 E 91st St, Tulsa, OK 74137 (pavilion on the south side of the park next to the parking lot - playground and restrooms adjacent)
- WHEN:** Thursday, May 25, 2023 | 6:00 – 9:00 PM
- RSVP:** <https://spemcmbrday23.eventbrite.com> (*Attendance is free to members, but RSVP is required - RSVP deadline Thursday May, 18th at Noon*)

This membership event will be held Thursday, May 25 at Hunter Park from 6:00 – 9:00 PM at the pavilion on the south side of the park adjacent to the parking lot.

This outing will include a gift card raffle to raise money for scholarships. Tickets will be drawn at the end of the night for gift cards to a number of popular restaurants. Food will be catered by Daddy B's BBQ.

The menu will include smoked chicken, sliced brisket, pulled pork, baked beans, cole slaw, potato salad, and peach cobbler. This a free family event with the purpose of attracting new members and retaining current members.

Please assist the Mid-Continent Section in actively signing up new members and encouraging former members to reinstate their membership.

SPE EnergyStream

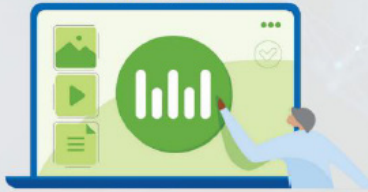
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PetroWiki

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>

SPE Mid-Continent Section

Presentations / Meetings

MAY 2023

WEDNESDAY, May 17, 2023 | Luncheon Meeting | 11:20 am - 1:00 pm.

Location: OSU Tulsa Conference Center, 700 N. Greenwood, Tulsa, OK 74106.

Room: North Hall 150 (An interactive campus map is available at <https://tulsa.okstate.edu/map> showing the location of the conference center and where parking is available.)

Speaker: Kevin Wutherich, Drill2Frac

Topic: “Estimating Fracture Length Distribution using Depletion Mapping in Infill Wells”

Register: To register and pay by credit card, or to make reservations to pay with cash or check at the door,* go to <https://spemc051723.eventbrite.com>.

Registration ends Monday, March 27th at 4 p.m. No walk-ins please.



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producing for you.

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Watch for announcements about future meetings and events in this newsletter or by email. To register and pay by credit card, or make a reservation to pay by check or cash at the door, go to the corresponding link for a luncheon. In-person luncheon cost is \$20.00 for Professionals, Retired, Unemployed, Graduate Students, and free for Undergraduate Students. Payment by credit card is for advanced registrations ONLY, no credit cards will be accepted at the meeting, only check or cash accepted at the door with a reservation. No walk-ins please.

Description: In 2019, a process was developed that uses standard drilling data, obtained on virtually every well, to identify and quantify areas of localized depletion which occur around producing fractures in unconventional shale reservoirs. While this data is most often used to mitigate fracture interactions, this talk will examine the process of quantifying the frequency of fractures identified in infill wells drilled at varying distances from a producing well. It will show how the number of identified fractures decreases as infill wells move further away from the producing offset and demonstrate how this data can then be used to calibrate fracture models to ultimately build a correlation between fracture length and volume as well as quantify the impact of heterogeneity and completion design on fluid distribution among perf clusters. Ultimately, this data can be used to gain insights into well spacing and completion design.



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JUDGES NEED FOR STUDENT PAPER CONTEST

SPE is in need of Judges for the merged Mid-Continent and Eastern North America Regional Student Paper Contest. The Regional Student Paper contest will be taking place virtually on Saturday May 20th. At this time judges are needed in the Master's and Ph.D. Divisions.

Here are some key points:

- Presentations will be pre-recorded and submitted to staff in advance of the contest.
- Papers will be submitted to staff in advance and forwarded to judges in their judging packet.
- The format of the videos will be standardized (slides as the visual element and with a verbal presentation as the audio) and slide templates will be used.
- Students will be given a set time to join a Microsoft Teams Meeting where their video will be shown with judges also present.
- Once the video has been played the judges will ask questions to the student for the usual Q&A time period.
- The judges will score the presentation and paper with the score form.
- Judges in the master's division must hold at least a master's degree. Judges in the Ph.D. division must hold a Ph.D. degree.

Once judges have seen all presentations they will continue to tally and rank their scores. The ranking scores will be used to determine the winner as usual and the winners notified (preferably via phone or tele-conference).

If you are willing and able to assist in being a judge for this contest, please email Jill Thomas at jthomas@spe.org.



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