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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 51% 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.
It looks like an early winter this year with an ice storm in October that went west of Tulsa, southwest, and north. Over 600,000 Oklahomans were out of electricity earlier this week, including my daughter and her family. We also had some interesting things happening in the skies overhead in October. The planet Mars was brilliant red in the night sky, as it was the closest it will be to the earth for another 15 years. Also, the planets Jupiter and Saturn were observed from the earth to be right on top of each other. You may wonder why I have this opening to this Chairman’s Gavel, but I am also giving you a perspective of a Scouts BSA Scoutmaster, in that I train Scouts in survival as well as celestial navigation.

Now, back down to earth. On October 14th Shauna Noonan (SPEI Chairman) gave a presentation to the SPE Sections on the health and status of the SPEI around the world. Here are some brief facts from the meeting. (1) Member demographics show that 42% of all members come from North America. (2) 21% are from the Middle East. (3) There are 83,930 members worldwide. (4) There are 69,704 student members worldwide with 14% of those in North America. (5) Here in the Mid-Continent Section the average member age is 52. This shows we have our work cut out to attract new young members.

Another item that was presented is that SPEI will end the fiscal year in the red, due to all the conferences that had to be canceled due to Covid 19. Even with this shortfall, SPEI wants members who are struggling financially due to layoffs to contact them about waiver of dues for membership renewal. If you find yourself in this situation, you need to contact them and seek help. It is important that you keep your membership current, as it can have an impact on how you can access member services now and in the future. As a matter of fact, I had to intervene on behalf of a member who was having issues with renewing their membership. I am happy to say that we were able to resolve the issue.

SPEI has made significant changes to their website, and has increased the membership availability to more material that can assist members with work assignments. The goal is to give more value to members and to start charging more to non-members for access to conferences and SPEI registered materials. Being a member has value.

To close, I want to wish all of you the best as we celebrate Thanksgiving and the upcoming Christmas season. It is a time to reflect on family and friends in a year that has challenged each of us in many ways.

David Krueger
2020-2021 Chairman
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Now Available: The SPE International App

The New SPE International App allows you access to SPE anytime, anywhere. It has many great benefits: access to our widely used OnePetro® and PetroWiki® platforms, the latest content from SPE magazines and publications which you can tailor to your preferences, and global networking opportunities through SPE Connect.
From Your Editor
Betty Felber, 2019-2020 Editor

November is here. Thankfully the ice storm affecting our neighbors to the west missed us. In our conversations, the biggest topics are the election and Thanksgiving but also remember our SPE Section.

Our section officers continue to have virtual meetings. Continue to check the calendar of events on our web site to see the timing of our virtual meetings. We continue to try to organize interesting programs for all of you.

Betty Felber
Editor

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Keep your SPE membership producing for you.

Renew Now »

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Calendar of Events

Wednesday, November 18, 2020 - Distinguished Lecuturer Zoom Presentation (see details on page 4)

Thursday, November 26, 2020 - THANKSGIVING

All SPE luncheons are held at the Summit Club unless otherwise noted - See p7 for more details.
We hope you can join us, and make the most of SPE Distinguished Lecturer– Kyle Haustveit’s virtual visit to our Section.

SPE Distinguished Lecturers are industry experts and outstanding speakers, nominated by their peers, to share their knowledge and expertise on the latest industry trends and technologies with SPE members throughout the world through visits to local sections.

Register at this link [https://www.spe.org/en/dl/schedule/](https://www.spe.org/en/dl/schedule/).

After clicking the link above, scroll down to the November 18th Tulsa, Oklahoma event and click on Register Now. If you are not already logged in with your SPE member credentials, you will be prompted to log in. On the next page choose Register Now under the heading Register for Distinguished Lecturer event. After clicking Register Now you will receive a Zoom link by email.

**Description**

Properly defining the question and associated value in the answer is the first step in designing a diagnostic program. This presentation will focus on the use of diagnostic tools to characterized fractures created in hydraulically stimulated reservoirs, focusing on fracture height. The performance of hydraulically stimulated horizontal wells in unconventional reservoirs depends largely on the quality of the completion. When developing an unconventional field with horizontal, hydraulically stimulated wells, proper characterization of fracture geometry can yield a more economic field development strategy in well spacing and completion design. The size of the fractures created directly impacts the spacing between wells and the number of wells required to economically produce the resource in place. Completion costs commonly account for more than 50% of the total well cost in horizontal, unconventional wells. In develop-
Monthly presentations are being planned for the 2020-21 session. 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.

With tens to hundreds of wells planned, small improvements in completions design can yield massive value additions to a program. The earlier the performance drivers are identified and the uncertainty in the range of outcomes is minimized, the sooner optimal field development can take place. This presentation will outline the process of defining the question, assigning value to the answer and review available diagnostics. The presentation will cover a case study focused on evaluating fracture height using fiber optic strain monitoring, and two forms of offset pressure monitoring to reduce the uncertainty in the well count in a stacked pay development.

One take away: before we select the diagnostic tool(s) we plan to employ, we must first define the question we are trying to answer to ensure the value of the answer exceeds the cost of the diagnostic.

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
25th Annual Sporting Clays Classic

Results

We had a successful 2020 SPE Sporting Clay Shoot!! Considering the low of our industry, economy, and impact of COVID-19, the shoot exceeded our expectations this year. We had 29 4-man teams enter this year with a brisk morning and perfect weather for shooting.

Our 1st Place Team shot at 303 – EPI/Cudd Team – Katie Turner, Sammy Graham, Scotty Turner, Joel Grillot; 2nd Place Team with 297 – Thru Tubing Solutions – Charley Mathis, Rodney May, JB Bagley, Zack Hadden.

Top Shooters with 95 was Bob Faris and Clay Gaspar with 86.

Many guns and prizes were given away this year considering we had 18 Sponsors who came forth to make our event great this year! After all the guns and prizes were given away, we put $5,765.65 in the Scholarship Fund for the SPE Mid-Continent.

Below are the sponsors whom need recognition for their sponsorships

Breakfast
Tracerco

Drinks
Turnco

Seasoning Salt
Quasar

Lunch
Thru Tubing Solutions
Provided food to be cooked

Panhandle Oilfield Services
Cooked and served lunch

Gun Sponsors
S&R Compression
Sage Natural Resources

General Event Sponsors
Sage Natural Resources
Cudd Pressure Control
Quasar
Latshaw Drilling
WPX Energy
Nine Energy Service
CPRP Services
Nitro-Lift
Committed Water
Thru Tubing Solutions
Ulterra
Cudd Energy Services
Knight Energy
“There are men running governments who shouldn’t be allowed to play with matches.”

— Will Rogers