

SPE Mid-Continent Section Newsletter

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Mid-Continent Section



SPE Mid-Continent Section

Executive Committee Voting Members

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Sporting Clays Tournament: Mark Carr, Kaiser Francis	918-491-4369	markc@kfoc.net

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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.

Chairman's Gavel

Molly Boyd, 2016-2017 Chairman

Last month I was looking forward to seeing many of you on March 23rd and learning from Steve Jones re: producing GOR's in multi-fractured horizontal wells. Unfortunately, I was not able to attend the luncheon, but I hear that 103 of you took advantage of the learning opportunity, networking, and some good food! I did see several of you at the TU event on the evening of the 21st – in fact, it was a packed house. The TU chapter did a fabulous job organizing the event and I appreciate that they reached out to the Section to attend.

As those of you at the luncheon heard, new officer elections for our SPE section are rapidly approaching. We have done the voting electronically for a number of years now – I hope that you will all watch your email accounts and take the time to vote!!! The more you participate in Section activities, the better off we all are. Now is the time to nominate your colleagues to run for an open position – the deadline for nominations is May 5th and voting will take place the middle of May.

I will close this month with a comment about the SPE website and PDH credits. I realize we have not had the number of luncheons this year that we have often had in the past years - if any of you are in need of PDH/CEU hours, I encourage you to check out the SPE website: www.spe.org/training/continuing-education-credits.php. As you will notice, you can receive credit hours for activities that include SPE live webinars and recorded training courses. Further, the webinars are included with your paid SPE membership. <https://webevents.spe.org>. **These are great resources be aware of regardless of your PE status.**

Thank you,

Molly Boyd
2016-2017 Chairman
molly_m_boyd@yahoo.com

A FREE SERVICE FOR MID-CONTINENT SECTION MEMBERS AND THEIR EMPLOYERS

SPE is offering a free service to section members and their employers for the posting of jobs offered by employers (please, no third party recruiters) seeking to hire SPE members and for members seeking employment. Unless otherwise arranged, ads will stay on the website for one calendar month. To view available jobs go to the section website www.spemc.org and select Help Wanted/Situation Wanted. To submit an ad (120 words or less, please) e-mail spemc@spemc.org for consideration.

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SPE MID-CONTINENT SECTION NOMINATIONS REQUEST 2017-2018 OFFICERS AND DIRECTORS ELECTION

The SPE Mid-Continent Section is requesting nominations for the upcoming 2017-2018 Officers and Directors Election. Nominations can be given for the following office and director positions (a brief overview of each position can be viewed [HERE](#) or on the Section website at www.spemc.org):

1. Five Directors (5 positions to be selected with the most votes)
2. Chairman
3. Vice Chairman/Programs Chair
4. Secretary
5. Treasurer

Email your nominations with contact information to Molly Boyd (molly_m_boyd@yahoo.com). Nominations close at the end of the business day Friday, May 5, 2017.

From Your Editor

Betty Felber, 2016-2017 Editor

Can you believe it? This is April and Tax Time. This month is the next to last one before the summer hiatus.

Also just think, only one year 'til the next IOR Symposium. Lance Cole and his committees are working diligently to make our next IOR—2018—the best ever. Call and offer him your help.

Betty Felber
Editor

Take Control of Frac Sand Dust Now



The advertisement features a central image of a hopper filled with yellowish-brown sand. A layer of dust is being suppressed by a product labeled 'SENTINEL DUST SUPPRESSANT'. To the right is the Sentinel logo, which is a stylized white hand holding a globe. Below the logo is the text 'SENTINEL DUST SUPPRESSANT'. At the bottom left, it says 'Visit us at hexion.com/sentinel'. At the bottom right is the Hexion logo, which consists of three colored shapes (blue, green, yellow) forming a stylized 'H' followed by the word 'HEXION'.

Visit us at hexion.com/sentinel

HEXION

Calendar of Events

Wednesday, April 26, 2017 - Luncheon Meeting - Summit Club

- James E. Schiefer, PetroDE, "Using Quintile Regression in a (Dynamic Geospatial Environment) to Predict More Accurate EUR Fast, Easy, Consistently"

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



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APRIL 2017

WEDNESDAY, April 26, 2017 - Luncheon Meeting

Location: Summit Club, 30th Floor, Banquet Room

Speaker: James E. Schiefer, PetroDE

Topic: "Using Quintile Regression in a (Dynamic Geospatial Environment) to Predict More Accurate EUR Fast, Easy, Consistently"

Register: <https://spemc042617.eventbrite.com>

Description

Today EURs are most commonly estimated based on a single well at a time. In some cases automated approaches are used, but the accuracy is often questioned, thus resulting in low usage. By using large numbers of wells at a time, however, statistical guidance can be used to provide ensemble estimations of EUR. In addition, estimates of P90, P50, and P10 EURs can be computed as well as estimates of production efficiency. Using this approach, PetroDE can analyze an area of interest at the click of the button, saving the user invaluable time.

There are four Decline Projection curves generated to illustrate the result:

1. Mean - The average daily production rate for each month
2. P10 - The value where 10 percent of the wells in that month produced at a higher rate than this value
3. P50 - The median of a distribution, such that 50 percent of the wells produced at a higher rate, and 50 percent produced at a lesser rate than this value
4. P90 - The value where 90 percent of the wells produce at a greater rate than this value

These decline curves provide a tool that can quickly, accurately and consistently calculate decline projection curves for an area of interest or an entire formation. By using a set of wells (maximum of 10,000) together in an appropriate statistical way, a better estimate can be made. This highly repeatable process of aggregating all wells at once instead of analyzing one well at a time lessens the effect of outlying wells, while not completely discounting their contribution.

Speaker

James E. Schiefer

My Energy focus has been to create Technology and Data that significantly improves an Individual's, a Team's, a Company's business processes resulting in Faster, Better-Informed Decisions.

In 2014 I invested in PetroDE to bring this unique productivity/data enhancement technology to the Energy Sector. PetroDE's patented Cloud technology helps any size company work more efficiently.

SPE Mid-Continent luncheon meetings are held at various locations around the Tulsa area. Please see the location details for each meeting. The Summit Club is located at 15 West Sixth Street (NE corner of 6th & Boulder)

SPE Mid-Continent luncheon meetings are held from 11:20-1:00 p.m. unless otherwise noted. To register and pay by credit card, go to the corresponding link for a luncheon. Luncheon cost is \$20.00 (plus fees) early bird, \$30.00 (plus fees) late, or at the door. Payment by credit card is for advanced registrations ONLY, no credit cards will be accepted at the meeting, only check or cash. Credit card sales will stop one hour prior to the meeting.

In the 90s, I co-founded Interpretive Imaging/A2D (invented depth-calibrated logs, smartRASTER Technology). TGS-NOPEC acquired the smartRASTER technology (logs) and GeoGraphix owns SmartSECTION (application).

In the 80s, I focused on enhancing well log data by improving data capture, conversion, utilization and storage Technologies - Paper to Fiche to TIFF to smartRASTER to LAS (LogSCAN) to storage.

SPE Mid-Continent Section - 100 Years

In October of 2017, the Mid-Continent Section of the Society of Petroleum Engineers will be celebrating its' 100-year anniversary. The Mid-Continent Section of the SPE, formed on December 28, 1917, was the fifteenth local section of the AIME, and until 1935, the only section with a predominantly petroleum membership. The Mid-Continent Section was formed at a time when the Oil and Gas Committee (approved in 1913) was the only petroleum representation in the AIME – the Petroleum Division was not founded until 1922.

The 100-year celebration will be held at the Gilcrease Museum in Tulsa, Oklahoma on October 26th, 2017. In order to minimize the cost of the event to the members, we are reaching out to operators and service companies in our industry to help fund the event. Please consider sponsoring the event. In return for a \$3000 sponsorship, your company will receive 6 tickets to the event, recognition in the video covering our history, in the PowerPoint presentation during the event, in the program, and in the JPT.

One other item. We are in the process of making a video about the history of the SPE Mid-Continent. The golf and sporting clays events have been going for many years but unfortunately, we have very few photos. If any of you have photos you would like to submit for review, please feel free to send them to me.

Thank you for your support of the SPE Mid-Continent Section. We look forward to hearing from you.

Mark Carr
markc@kfoc.net

60% Pass 2016 Petroleum PE Exam

NCEES and the State Engineering Boards released their 2016 Professional Engineering Exam results. Nationwide, the Petroleum Engineering Exam recorded a 60% pass rate. The Petroleum first time takers passed at a 66% rate. The pass rates for a few other engineering disciplines were:

Chemical	64%	Agricultural	71%
Civil	62%	Fire Protection	55%
Electrical	58%	Industrial	67%
Environmental	54%	Metallurgical	65%
Mechanical	69%	Mining	58%
Nuclear	71%	Control Systems	73%

The Petroleum pass rates in 2016 for a few states:

Alaska (4/5)	80%	Louisiana (9/15)	60%
California (0/3)	0%	Oklahoma (14/17)	82%
Colorado (4/5)	80%	Texas (92/158)	58%

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. The Oklahoma application deadline to take this years PE Exam is June 1, 2017. This year's exam will be given on Friday, October 27, 2017

Petroleum PE Review Course

Winrock Engineering, Inc. is offering a Petroleum PE Review Course in Oklahoma City from August 7 through August 11, 2017. For more information, contact:

Winrock Engineering, Inc.

P. O. Box 42296

Oklahoma City, Ok, 73123

Web Site: Winrockengineering.com

Phone: (405) 822-6761

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"If the ladder is not leaning against the right wall, every step we take just gets us to the wrong place faster"

— **Stephen Covey**

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