

SPE Mid-Continent Section Newsletter

December 2016 | Issue No. 426



Mid-Continent Section



SPE Mid-Continent Section

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Young Professionals: Charley Mathis, Cudd Energy Services	918-585-9807	cmathis@cudd.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 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 wrote this column on Halloween and mentioned that the neighbors had something “special” rigged up. If any of you are curious, after dark, a large fire pit was revealed which they used for the trick-or-treaters to roast marshmallows and make s'mores with. It was quite popular and was unusual for Halloween which made it fun for everyone.

So, what was the section up to last month? Steve Tipton, your scholarship chair and Mike Mabry, your treasurer, were busy writing letters to universities and sending scholarship checks out on behalf of the 31 students who were selected earlier this year. Each student was awarded \$2,000 for the fall semester and will be awarded an additional \$2,000 in the spring, subject to academic performance.

It was good to see many of you at the luncheon on November 16th when Patrick Hayes presented some key learnings from running chemical tracers. The Exploration Gala that was planned for November with our student chapters has been deferred until sometime next spring – please watch for announcements about it in a few months and make plans to attend and get to know more of our student members.

As of now, we have no luncheons planned in December, but several events are planned for 2017 including the student event mentioned above, our section's 100 year celebration, luncheons, etc. As 2016 draws to a close, please take a few minutes and renew your SPE membership for 2017.

I wish you all a Merry Christmas and Happy New Year!

Until next year,

2016-2017 Chairman

molly_m_boyd@yahoo.com



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producing for you.

Renew before it ends on 31 December 2016.



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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.



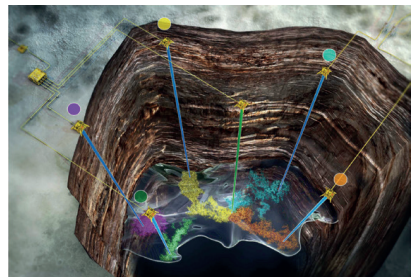
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From Your Editor

Betty Felber, 2016-2017 Editor

December is here with all the activities that occur during this season. Take time to enjoy it. Have a great holiday. I wish you the best and may your New Year be fun-filled.

Betty Felber
Editor



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Calendar of Events

Wednesday, January 11, 2017 - Luncheon Meeting - SAVE THE DATE

- *Distinguished Lecturer* - Dan Gibson, "Evaluating Completion Options To Maximize Value," Location TBD

Friday, February 17, 2017 - Luncheon Meeting - SAVE THE DATE

- *Distinguished Lecturer* - Ian Walton, "The Role of Natural Fractures in Shale Gas Production: What Does Production Data Tell Us?," Location TBD

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

SPE awards recognize members for their technical contributions, professional excellence, career achievement, service to colleagues, industry leadership, and public service. Regional and section awards recognize members who contribute exceptional service and leadership within SPE, as well as making significant professional contributions within their technical disciplines at the SPE regional level. Awards are presented at the appropriate SPE region or SPE section meeting.

Regional Award Deadline—February 15, 2017

I. Professional Awards

The Professional Award categories are:

- Distinguished Achievement Award for Petroleum Engineering Faculty
- Distinguished Corporate Support Award
- Service Award
- Young Member Outstanding Service Award

II. Technical Awards

The SPE Regional Technical Awards acknowledge exceptional contributions to the Society of Petroleum Engineers at the section or regional level and recognize singular devotion of time and effort to the programs and development of technical expertise in eight disciplines.

- Completions Optimization and Technology Award
- Drilling Engineering Award
- Formation Evaluation Award
- Health, Safety, Security, Environment and Social Responsibility Award
- Management and Information Award
- Production and Operations Award
- Projects, Facilities and Construction Award
- Reservoir Description and Dynamics Award

For more details or to nominate a colleague, go to www.spe.org/awards.

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JANUARY 2017

WEDNESDAY January 11, 2017 - Luncheon Meeting

Location: TBD

Speaker: Dan Gibson | Distinguished Lecturer

Topic: "Evaluating Completion Options To Maximize Value"

Register: <http://spemc01117.eventbrite.com>

Description

The completion engineer integrates the requirements of a number of disciplines (such as reservoirs, drilling, and production) to maximize the value of a hydrocarbon resource. This almost always requires evaluating competing and conflicting factors to determine the "best" option for a particular problem. This talk will demonstrate a decision-making process that allows the stakeholders to compare options in a fair and robust way. Two real onshore or offshore examples will be reviewed, depending on the SPE chapter's interest. Members will take away a new methodology for comparing competing factors that influence a completion or well design.

Speaker

Dan Gibson

Dan Gibson is a senior completions and well integrity engineer with more than 35 years' experience. He has worked his way through the oil and gas production stream from facilities and production engineering to completions in assignments across the United States and around the world. Gibson has authored or coauthored papers ranging from topics of polymer flood management to ice mechanics and most recently an innovative inflow-control device.

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.

FEBRUARY 2017

FRIDAY, February 17, 2017 - Luncheon Meeting

Location: TBD

Speaker: Ian Walton | Distinguished Lecturer

Topic: "The Role of Natural Fractures in Shale Gas Production: What Does Production Data Tell Us?"

Register: <http://spemc021717.eventbrite.com>

Description

Natural fractures are very common in shale gas plays. It is often presumed that because the formations are so tight, gas can be produced economically only when extensive networks of natural fractures exist. The creation of large fracture surface area in contact with the reservoir is considered essential to commercial success. This is facilitated by multistage hydraulic fracturing of long horizontal wells using large volumes of low- viscosity (low-cost) fracturing fluid. However, the efficiency of this process in terms of water usage is now coming under close scrutiny. The success of these operations is beyond doubt, but what can be inferred about the accuracy of this conceptual picture in light of many years' accumulated production data? What does production data tell us about the role of natural fractures? This presentation addresses these issues by using a semianalytic shale gas production model to analyze and interpret production data from many shale gas wells across several different plays.

Speaker

Ian Walton

Ian Walton is a senior research scientist at the Energy & Geoscience Institute of the University of Utah and an adjunct professor in the department of chemical engineering. He holds a PhD in applied mathematics from the University of Manchester. Walton has more than 25 years of petroleum industry experience, most recently as a scientific advisor for Schlumberger, and more than 15 years of university teaching experience.

"Silence is refreshment for the soul."

– Wynonna Judd, Musician

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