

# SPE Mid-Continent Section Newsletter

January 2017 | Issue No. 427



Mid-Continent Section



# SPE Mid-Continent Section

## Executive Committee Voting Members

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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](mailto:service@spe.org).

# Chairman's Gavel

Molly Boyd, 2016-2017 Chairman

A few weeks ago, I learned a new phrase that many of you are likely familiar with. "The days are long, but the years are short." As I'm composing this, I'm thinking of all that has transpired in the last month—many days were long and filled with work—others were mostly fun, and lots of time was spent with friends and family as we celebrated Christmas. Yet, here it is, time to write a short note again for the newsletter, which means another month is gone. Fear not, my tenure will end soon and these notes will likely become much more interesting when the next chairman is installed....so, now, on to information about our section.

As all of us were busy working and celebrating the holidays with friends and family, there was less obvious activity conducted by the section, but there are still plans being made for 2017 and beyond. Please be sure to read the information about the 100-year anniversary celebration planned for fall of 2017. This is quite an accomplishment for our section and something you'll want to attend if possible.

Please be aware that this is the season to nominate your colleagues for an SPE award. Nominations are due by February 15th. I hope many of you will take the time to nominate those that come to mind—we need to recognize them for their technical and professional contributions. More information can be found at [www.spe.org/awards](http://www.spe.org/awards).

We have two Distinguished Lecturers headed our way in the next couple of months. I hope to see you at both of the planned luncheons.

Finally, if for some reason you have not renewed your SPE membership for 2017, kindly take a few minutes and check that off of your list—remember, there is a dues waiver program for those of you who find yourself unemployed.

2016-2017 Chairman  
[molly\\_m\\_boyd@yahoo.com](mailto:molly_m_boyd@yahoo.com)



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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](http://www.spemc.org) and select Help Wanted/Situation Wanted. To submit an ad (120 words or less, please) e-mail [spemc@spemc.org](mailto:spemc@spemc.org) for consideration.

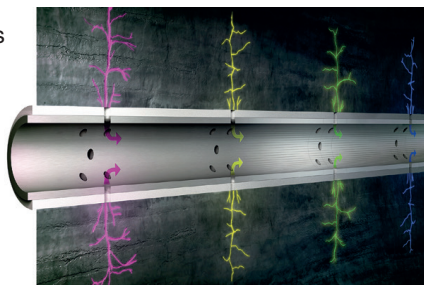


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# From Your Editor

**Betty Felber, 2016-2017 Editor**

Welcome to 2017. I trust you have now made it into 2017. Hope you had a great holiday season.

Maybe we can look forward to higher 2017 oil and gas prices. That will certainly support our company's bottom line. Might even support our bottom lines since we will still have work to do.

We have a SPE Distinguished Lecturer coming to our January luncheon meeting so come I and come all. See you at the Summit Club.

Betty Felber  
Editor

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## Calendar of Events

### **Wednesday, January 11, 2017 - Luncheon Meeting - Summit Club**

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

### **Friday, February 17, 2017 - Luncheon Meeting - Summit Club**

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

*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](http://www.spe.org/awards).

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### JANUARY 2017

**WEDNESDAY January 11, 2017** - Luncheon Meeting

**Location:** Summit Club, 30th Floor, Banquet Room

**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.

### FEBRUARY 2017

**FRIDAY, February 17, 2017** - Luncheon Meeting

**Location:** Summit Club, 30th Floor, Banquet Room

**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

**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.

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.

## *SPE Mid-Continent Section - 100 Years*

The Mid-Continent Section 100 Year Anniversary planning is under way. The committee has been meeting once a month since September and nailed down a date and venue for the evening dinner. It is planned for October 26, 2017 at the Gilcrease Museum in the Vista Room. Menu and estimated cost has been established. The theme for this event will center around the recognition and honoring of the Legion of Honor recipients. Speakers will include the SPE president for 2018, Laredo President and CEO, Randy Fouch, and a Legion of Honor recipient who has been a valued pioneer in the success of the Mid-Continent Section. We will also do a major editing of the 90th Anniversary video. Doug Crain of Flying Colors will assist in the remake of the video. Hap Pinkerton will coordinate publicity, logo, invitations, and photography. Mark Carr will handle sponsorships which will be important in defraying the cost per person for the event. Doug Norton will handle speakers, and Al Smith will coordinate video content. We are looking forward to promoting this event and will welcome any suggestions for consideration.

Thanks.

Buck Walsh, Committee Chair

*"You don't have to be great to start, but you have to start to be great."*

— **Zig Ziglar, motivational speaker**

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SPE Mid-Continent Section

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