

SPE Mid-Continent Section Newsletter

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Mid-Continent Section



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SPE Mid-Continent Section

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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

Nathan Buchanan, 2017-2018 Chairman

Colleagues:

Our section has had a lot of activity in the last few weeks.

We held two luncheon meetings and one short course in the month of April. John Jackson with Unimin Corporation discussed new OSHA silica regulations on April 4th. On April 20, Fernando Benalcazar with APD Proyectos (an SPE Distinguished Lecturer) gave a talk titled "Oil and Gas Operations - Integrating the Realities of the Social License". Thanks to both John and Fernando for presenting to our Section. Dr. Mohan Kelkar conducted a short course on April 28; 10 people attended, and the course received positive reviews.

Our final two luncheons of the season will take place in May. We will host an SPE Distinguished Lecturer on May 10—R. Scot Buell with Chevron will give a talk titled "Waterflood Design and Operational Best Practices". Paul Mundy with Flogistix will give a presentation about vapor recovery on May 24.

The 21st SPE Improved Oil Recovery Conference took place April 14-18. The event was well attended and featured several notable speakers and over 140 technical papers and posters. Thanks to Lance Cole (general chair of the conference) and the steering, planning, and technical program committees.

I'll repeat my call for board nominations that I made in last month's Gavel. If you are interested in a board position or committee chairmanship, get in touch with me or another board member. Leadership positions do take some time, but without members putting time and effort into these positions we would be unable to conduct luncheons, short courses or any other section activities.

I will look forward to seeing you at our final two luncheons.

Nathan Buchanan
2017-2018 Chairman
nsbuchanan@gmail.com

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SPE MID-CONTINENT SECTION NOMINATIONS REQUEST 2018-2019 OFFICERS AND DIRECTORS ELECTION

The SPE Mid-Continent Section is requesting nominations for the upcoming 2018-2019 Officers and Directors Election. Nominations can be given for the following officer and director positions (a brief overview of each position can be viewed [HERE](#)).


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 5:00 p.m. on Thursday, May 10, 2018.**

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From Your Editor

Betty Felber, 2017-2018 Editor

Our 2018 IOR Conference was a success. Everything from Short Courses to the Student Activities held at Tulsa University, the tours and the Technical Program containing sessions on Improved Oil Recovery for shale and other reservoirs put our Section in a world-wide spotlight. Lots of countries participated.

With this success, the scholarship program can continue to be funded for the next two years. We owe a debt of gratitude to all the Mid-Continent members who were involved in planning and executing this endeavor.

Thank you!!

Betty Felber
Editor

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.

Calendar of Events

Thursday, May 10, 2018 - Luncheon Meeting - Summit Club

- R. Scot Buell, Chevron Energy Technology Company - Distinguished Lecturer "Waterflood Design and Operational Best Practices"

Monday, May 21, 2018 Tulsa SPE Mid-Continent Section Golf Tournament

- Forest Ridge Golf Club, Broken Arrow (see details page 4)

Thursday, May 24, 2018 - Luncheon Meeting - Summit Club

- Paul Munding, Flogistix "Maximizing Vapor Recovery"

Friday, October 5, 2018 - SAVE THE DATE

- 23rd Annual Sporting Clays Classic, Longshot Ranch, Skiatook

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

2018 Mid-Continent Section Golf Tournament

Sign Up Now

Monday, May 21, 2018
Forest Ridge Golf Club, Broken Arrow
Entry deadline is Monday, May 14th

This year the 2018 Tulsa SPE Mid-Continent Section Golf Tournament will be on Monday, May 21st at Forest Ridge Golf Course in Broken Arrow. We are looking forward to another fun event, but are changing to a spring event in 2018.

You can pay by credit card at this link <https://spemcgolf2018.eventbrite.com>, or send a check to Cudd Energy Services, Attn: Charley Mathis, 320 S. Boston Ave, Suite 1030-14 Tulsa, OK 74103. After paying on Eventbrite or by check please ensure to send your entry form (Download the entry form at www.spemc.org/events/SPEMC_2018_Golf_Tournament_Entry_Form.pdf) to CMathis15447@cudd.com. *You must send in a completed entry form along with paying on Eventbrite or payment by check.*

This year every golf entrant will receive a Cutter and Buck Half-Zip pullover (see example below) and a logoed SPE/Forest Ridge hat. It will be greatly appreciated to mark sizing on the entry form for the Half-Zip pullover to ensure we get proper sizes. More info about sizing can be found on the entry form.

For tournament questions please contact Nathan Nitchals at 918.856.1091 or nnitchals@msdir.com. Looking forward to seeing you on the course.



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SPE Mid-Continent Section

Luncheon Meetings

MAY 2018

THURSDAY, May 10, 2018 - Luncheon Meeting

Location: Summit Club, 31st Floor, Renaissance Room

Speaker: R. Scot Buell, Chevron Energy Technology Company - Distinguished Lecturer

Topic: "Waterflood Design and Operational Best Practices"

Register: <https://spemc051018.eventbrite.com>

Description

Reservoir engineers cannot capture full value from waterflood projects on their own. Cross-functional participation from earth sciences, production, drilling, completions, and facility engineering, and operational groups is required to get full value from water

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SPE Mid-Continent luncheon meetings are held at the Summit Club** in Tulsa from 11:20-1:00 p.m. unless otherwise noted. SPE Mid-Continent luncheon meetings are held at the Summit Club in Tulsa. 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. Luncheon cost is \$25.00 professional, \$10 retired/unemployed, and free for students (limited seating available). Payment by credit card is for advanced registrations ONLY, no credit cards will be accepted at the meeting, only check or cash with a reservation. Registration ends 48 hours prior to the luncheon date. No walk-ins please.

**Summit Club | Bank of America Center, 15 West Sixth Street (NE corner of 6th & Boulder) | Tulsa, OK 74119 | 918.582.5243 | Parking details are available at www.summittulsa.com/club/parking.

floods. Waterflood design and operational case histories of cross-functional collaboration are provided that have improved life cycle costs and increased recovery for onshore and offshore waterfloods. The role that water quality, surveillance, reservoir processing rates, and layered reservoir management has on waterflood oil recovery and life cycle costs will be clarified. Techniques to get better performance out of your waterflood will be shared.

Speaker

R. Scot Buell

Scot Buell has worked globally for 36 years as a petroleum engineer. He was a 2005-2006 SPE Distinguished Lecturer, is the author of 12 SPE papers, served as an SPE technical editor for 20 years, and has served as an SPE section Chairman, Forum Chairman, and Applied Technology Workshop Chairman. He has worked as an expert in the design of new waterfloods and the operation of existing waterflood projects in Asia, North America, Europe, and Africa. He provided technical leadership for 30 waterflooded reservoirs offshore West Africa for nine years. He currently serves as a corporate reserves auditor specializing in waterflood and EOR reserve estimates. He also serves as the principal researcher for thermal horizontal wells and thermal subsurface integrity management for Chevron Energy Technology Research Company. He holds a BS and MS in Petroleum Engineering and MS in Petroleum Economics, all from Colorado School of Mines.

THURSDAY, May 24, 2018 - Luncheon Meeting

Location: Summit Club, 3rd Floor, Renaissance Room

Speaker: Paul Munding, Flogistix

Topic: "Maximizing Vapor Recovery"

Register: <https://spemc052418.eventbrite.com>

Description

Most of the unconventional formations in North America produce very high gravity crude and wet gas. As such, they also have liquids rich gas vapors that vent at atmo-

spheric conditions. An operator can use a compressor in vapor recovery mode to capture these high BTU vapors. Without capture of these vapors, operators do not realize the profit stream and also expose themselves to penalties of falling out of compliance with state and federal regulations. The use of vapor recovery also shows the operators as good stewards of the environment and communities, as much development has become closer to urban settings. The degree of success in vapor recovery like most things in life is based on upfront planning of the facilities. This is an important step to make sure facilities are sized to handle not just daily production, but instantaneous slug rates at the vessels. Proper sizing of pipe and routing is also crucial to deliver the maximum obtainable capture of the flash gas. The flexibility of new advanced control compressor equipment allows for vapor recovery and WH assist solutions for the life of a well. An operator can capture vapors over time at lower volumes of production by adjusting the control set point of the compressor on the compressor PLC.

Speaker

Paul Munding

SPE member Mr. Munding joined Flogistix in April 2016 bringing 15+ years of experience working in the oil and gas industry. Mr. Munding had his first summer job with Marathon in 1999 working in the famous Yates Oil Field in West Texas. Subsequently he worked for Dowell-Schlumberger, Anadarko and BP over the following summers. Mr. Munding had a 10-year career with Chesapeake Energy in numerous roles from reservoir engineering to completions and production across the Mid-continent and Permian Basins. Mr. Munding then moved on to become Production Engineering Manager over the Delaware Basin for RKI. Mr. Munding graduated from the University of Oklahoma with a BS in Petroleum Engineering in 2003 and has his Professional Engineering certification.



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"When you come to a roadblock, take a detour"

— **Barbara Bush**

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