

SPE Mid-Continent Section Newsletter

October 2017 | Issue No. 433



Mid-Continent Section



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

Fall is upon us, and we have got our section's 2017-2018 program off to a good start. We held our first luncheon meeting of the season on September 27th with Richard Spears, Managing Director of Spears & Associates, presenting on the current state of the oilfield equipment and service market. Mr. Spears gave an informative and engaging talk; we have posted his presentation on SPEMC's website. I'd like to thank Mr. Spears for his time and for giving a very interesting presentation. We had 58 attendees at the meeting, including a few people from out of town.

SPEMC's annual Fall Roundup Golf Tournament was held on September 8th; Nathan Nitchals with MS Energy Services did a good job organizing the tournament. Thanks to Nathan and to everyone that participated. Our annual Sporting Clays Classic tournament will be held Friday, October 6th at Longshot Ranch by Skiatook. As I mentioned last month, Mark Carr has been organizing this tournament for 22 years, and he will be stepping aside after this year's tournament. Let's all make sure to express our gratitude for Mark's hard work all these years.

Our next luncheon meeting will be held October 25th at the Summit Club. Chad Roller from Mid-Con Energy will be presenting. Please make sure to register in advance. The Summit Club needs an accurate headcount to prepare the proper amount of food and to have enough tables and chairs set. We can still take cash or check payment at the door, but it is important to register ahead of time.

As most of you are aware, our section is celebrating its 100th anniversary this year, and we will be holding a celebration on the evening of October 26th at the Gilcrease Museum. Tickets are \$25 and they are on sale until October 18th. Featured speakers at the event will include Janet Judah (2017 SPE President), Ralph Veatch (author, hydraulic fracturing pioneer, SPE Legion of Honor member and longtime SPEMC member), and Randy Foutch (Chairman & CEO of Laredo Petroleum). Buck Walsh is chairing the committee that has planned this event. I am very grateful to Buck and his fellow committee members for all the work that they have put into our 100th anniversary celebration. For those of you going to ATCE in San Antonio this year, there will be a reception commemorating the 100th anniversary of the Mid-Continent Section; make sure to attend.

I am looking forward to everything that is going on with our section in the next month.

Regards,

Nathan Buchanan
2017-2018 Chairman
nsbuchanan@gmail.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 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, 2017-2018 Editor

This October is a special month. Our SPE section is celebrating 100 years. Buck Walsh and his committee have planned a wonderful party for us at Gilcrease Museum. We are all invited to attend October 26th. See you there.

A special invitation has been issued to all of our Legion of Honor members. We are also inducting the 4 newest members to attain SPE Legion of Honor status. They are Larry Sweet, Robert Bradshaw, Wallace Tipsword and Will Ball. Congratulations to all past and present ones!

Enjoy our October weather.

Betty Felber
Editor

Calendar of Events

Friday, October 6, 2017

- 22nd Annual Sporting Clays Classic, Longshot Ranch, Skiatook

Wednesday, October 25 - Luncheon Meeting - Summit Club

- Chad Roller, Mid-Con Energy, Waterflood Developments

Wednesday, November 15 - Luncheon Meeting - Summit Club

- Robert Lestz, eCorp International - Distinguished Lecturer, Fracturing Without a Drop of Water - Lessons Learned Fracturing With LPG

Wednesday, December 6 Luncheon Meeting - Summit Club

- Mark Kirk, Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors, Rules of Professional and Ethical Conduct

Thursday, October 26 - SPEMC 100 Year Anniversary Celebration

- Cocktail Hour, Museum Tours, Dinner, and Special Guest Speakers - Gilcrease Museum (see page 4)

April 14-18, 2018, SPE Improved Oil Recovery Conference - Tulsa

- Short Courses Sat. 14th - Sun. 15th, Technical Program Sessions, Mon. 16th - Wed. 18th - Register Now at www.speior.org.

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

Society of Petroleum Engineers
1917-Mid-Continent Section-2017



SPEMC 100 Year Anniversary Celebration

Thursday, October 26, 2017, Gilcrease Museum, Tulsa
Registration deadline October 18

The Mid-Continent Section of SPE is turning 100! The Section was founded in 1917 and will celebrate its 100th birthday on October 26th, 2017 with drinks and dinner at the Gilcrease museum. Please join us for this momentous occasion 100 years in the making.

The festivities begin at 6 PM in the Vista Room with drinks and hors d'oeuvres. Enjoy a tour of the museum during the cocktail hour. Dinner begins at 7 PM and will include viewing of the 100-year video and featured speakers to help us commemorate a milestone of service to the petroleum engineering profession. We will also honor our Legion of Honor members who have sustained 50 years of continuous membership.

Featured speakers include Janeen Judah, 2017 SPE President, Dr. Ralph Veatch, distinguished author and Legion of Honor member, and Mr. Randy Foutch, Chairman and CEO of Laredo Petroleum.

Event sponsors include Anchor Drilling Fluids USA, Baker Hughes, Cimarex, Cudd Energy Services, Halliburton, Kaiser-Francis Oil Company, PetroSkills, Rockwater Energy Solutions, Sooner Pipe, Universal Pressure Pumping and WPX Energy.

Tickets are \$25 per person and are available for purchase at this link <https://spemc100years.eventbrite.com>. Advanced registration is required. The last day to register is October 18 so don't delay! Sign up now and join us for the Celebration.

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OCTOBER 2017

WEDNESDAY, October 25, 2017 - Luncheon Meeting

Location: Summit Club, Ballroom

Speaker: Chad Roller, Mid-Con Energy

Topic: "Waterflood Developments"

Register: <https://spemc102517.eventbrite.com>

Description

Mid-Con Energy acquires, develops and operates producing oil and natural gas properties principally in the mid-continent region with a focus on secondary recovery (waterflood) projects. The talk will cover a number of recent waterflood developments undertaken by Mid-Con in Northeast Oklahoma, Southern Oklahoma, and the Eastern Shelf of the Permian basin. Specific attention will be given to the historic Cleveland field in Pawnee County, Oklahoma. The Cleveland field was discovered in 1904 and has produced ~50 MMBO. A redevelopment project was undertaken to waterflood a thick bypassed pay zone in the Cleveland formation resulting in a ~700 bopd increase in production. The acquisition of core from the field was critical to identifying bypassed pay and the selection of a development concept to address subsurface complications that impeded a number of previous unsuccessful waterflood attempts in the Cleveland formation. In the Eastern Shelf, significant vertical drilling activity prior to the commodity price collapse revealed secondary potential in numerous green and mature fields. Mid-Con's recent grass roots and redevelopment waterflood projects and associated challenges will be reviewed.

Speaker

Chad Roller

Chad Roller serves as Vice President of Development at Mid-Con Energy based in Tulsa, Oklahoma. Prior roles include reservoir engineer, petrophysicist, and business planner at Royal Dutch Shell. Chad has a B.S. and M.S. in engineering from the University of Oklahoma and a Ph.D. in engineering from Rice University.

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.

NOVEMBER 2017

WEDNESDAY, November 15, 2017 - Luncheon Meeting

Location: Summit Club, Ballroom

Speaker: Robert Lestz, eCorp International - Distinguished Lecturer

Topic: "Fracturing Without a Drop of Water - Lessons Learned Fracturing With LPG"

Register: <https://spemc11517.eventbrite.com>

Description

The practice of hydraulic fracturing has come under increased scrutiny in recent years for a number of reasons. One technology developed to address the technical inefficiencies of fracturing also answered many of the environmental concerns. In 2008, fracturing with gelled LPG as an alternative to water was introduced to the industry to enhance well performance. LPG offered a non-damaging fluid which originally came from the reservoir itself. Due to its favorable viscosity, miscible, surface tension, and phase behavior properties, longer effective fracture lengths and fluid recoveries approaching 100% were envisioned. Furthermore, it eliminated the use of water and the related water handling costs and long-term disposal issues.

Today this technology/service is no longer available to the industry as the sole provider has left the market. This presentation will review the hypothesis of why LPG is an ideal fracturing fluid and share historical successes, failures, and lessons learned along with ongoing efforts to advance the next generation of light hydrocarbon fracturing. Ideally members will take away a greater appreciation of the successes associated with LPG fracturing and an understanding that the business failure was not due to the technology but to its misunderstanding and misapplications.

Speaker

Robert Lestz

Robert is a petroleum engineer with 32 years of industry experience. He currently serves as the CTO for eCorp International. He co-invented the LPG Fracturing

technology and worked at GasFrac as their CTO. He spent 22 ½ years at Chevron working in the areas of fracturing, artificial lift, completions, and well operations. He holds 5 patents and has additional patents pending. He previously served on the BOD of the Petroleum Technology Transfer Council, the US DOE Oil Shale Ad Hoc Group, ICoTA US Chapter President, and the advisory board of the University of Utah Institute for Clean and Secure Energy.

DECEMBER 2017

WEDNESDAY, December 6, 2017 - Luncheon Meeting

Location: Summit Club, Ballroom

Speaker: Mark Kirk, Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors

Topic: "Rules of Professional and Ethical Conduct"

Register: <https://spemc120617.eventbrite.com>

Description

When licensed, all P.E.'s agreed to follow the statutes that govern the practice of engineering. Included in these statutes, are the Rules of Professional Conduct, which cover many ethical issues that a licensee might face. This presentation will review these very important tenants as a reminder of the P.E.'s pledge to protect the public. Mr. Kirk will cover all of the Rules of Professional Conduct and use examples of recent cases heard by the Board to illustrate the importance of acting ethically.

Speaker

Mark Kirk

Mark Kirk earned his Bachelor's degree from Oklahoma State University and a Master's of Education from the University of Central Oklahoma. He was a teacher for 29 years before going to work for the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors in 2008. Mark first served as an investigator for the Board and has been the Communications Director since 2012.

SPE Regional Awards 2017-2018

Nominate a Colleague Today

Applaud excellence in the E&P industry by nominating a colleague for an annual award given by the Society of Petroleum Engineers.

SPE Awards recognize expertise and contributions to the upstream oil and gas industry. The 2018 SPE Awards will be presented at the international and regional levels for:

- Technical contributions
- Professional excellence
- Career achievement
- Service to colleagues
- Industry leadership
- Public service

New this year is the Regional Public Service Award—In 2018 SPE will also recognize distinguished public service of members at the regional level. Learn more at www.spe.org/awards/regional-public-service-award.php.

Do you know someone who deserves recognition for outstanding work in the E&P industry?

For more details or to nominate a colleague, go to www.spe.org/awards. Regional Award Deadline is March 1, 2018

"If you had to identify, in one word, the reason why the human race has not achieved, and never will achieve, its full potential, that word would be 'meetings.'"

— Dave Barry

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SPE Monthly Bulletin No. 433

Issue Date: October 1, 2017

SPE Mid-Continent Section

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