SPE Mid-Continent Section Newsletter

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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

Victor Jordan, 2015-2016 Mid-Continent Chairman

Greetings,

The February luncheon had a tremendous turnout. Steven Jones spoke to a sold out crowd with his presentation "Estimating Reservoir Pressure from Early Flowback Data." The presentation was well accepted by all who attended. Please join us for this month's luncheon which will be held on March 16th at the Summit Club. Dan Themig will present on his topic "Effectiveness of Isolation Using Solid Body Packers to Dramatically Affect Ultimate Recoveries." Due to the downturn in the industry, we are looking to extend a free invitation to those who are currently unemployed. Please look for more details before the March luncheon.

The University of Tulsa's SPE Student Chapter Networking Dinner was held on February 18 at the Gilcrease Museum. We had an excellent turnout with 42 students and 43 industry professionals in attendance. I appreciate everyone's involvement in the event, for I feel that it is our duty to ensure the future of our industry which largely lies in the hands of the bright graduates such as those at the University of Tulsa. I ask that we all think outside the box in how we can incorporate these graduates in our companies in today's environment.

We held the February YPE event at the Main Event on February 24th. We had a great turnout and every event brings new faces to meet. Please join us for our March event. Details will be sent out within the next week. Please email me at **vjordan@petroflowenergy.com** if you would like your name added to the email list.

The IOR Conference is fast approaching. It will be held at the Cox Business Center in downtown Tulsa April 9-13. Please sign up and secure your spot at this year's event. I think it is important to note the significance of the IOR Committee and conference to the Mid-Continent SPE Chapter. Over 90% of our funding comes from this event which helps fuel our scholarship program, SPE national contributions, as well as our social and fiscal interactions with our designated University chapters. This year alone we gave out $120,000 in scholarships, and we will strive to continue this support to our future industry professionals. On behalf of the SPE Chapter, we are extremely thankful for this event and for those who make it happen.

Sincerely,

Victor Jordan
2015-2016 Chairman
vjordan@petroflowenergy.com

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A Free Service for Mid-Continent Section Members and Their Employers

SPE is offering a new 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.



From Your Editor

Betty Felber, 2015-2016 Editor

Welcome to March. Plan to attend our March luncheon.

This is the month that you can prepare for March madness, schedule spring house and garage cleaning and the month before you have to pay your taxes to Uncle Sam.

This is also the last month you can sign up for the IOR Conference at a reduced rate. Better hurry!!! The Conference is an important section event. It provides scholarship money and the operating capital for our section—the oldest in the world. Go ahead, make the commitment, register and attend. Our SPEI President–elect — Janeen Judah — will be attending. Come out and support her. We want to see all of you at our Section's biggest sponsored event.

For those of you who are still trying to get your training hours to maintain your registered status, the 20th IOR Conference has scheduled 6 classes and a field trip anyone of which should contribute to your hours as well as improving your technical understanding.

Your Editor,
Betty Felber

Calendar of Events

Friday, March 11, 2016 - IOR 2016, Register Now & Save $150

- Early-Bird registration discount expires March 11@ 11:59 pm; see Conference details page 7

Tuesday, March 15, 2016 - SPE Regional Awards Deadline Extended

- The nomination deadline for the Regional Award has been extended to 15 March

Wednesday, March 16, 2016 - Luncheon Meeting

- Dan Themig "Effectiveness of Isolation Using Solid Body Packers to Dramatically Affect Ultimate Recoveries," Summit Club, 30th Floor, Banquet Room

April 9-13, SPE Twentieth Improved Oil Recovery Conference

- Short Courses Sat. 9th - Sun. 10th, Technical Program Sessions, Mon. 11th - Wed. 13th

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

SPE Regional Awards

DEADLINE EXTENDED TO MARCH 15

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 EXTENDED — March 15, 2016

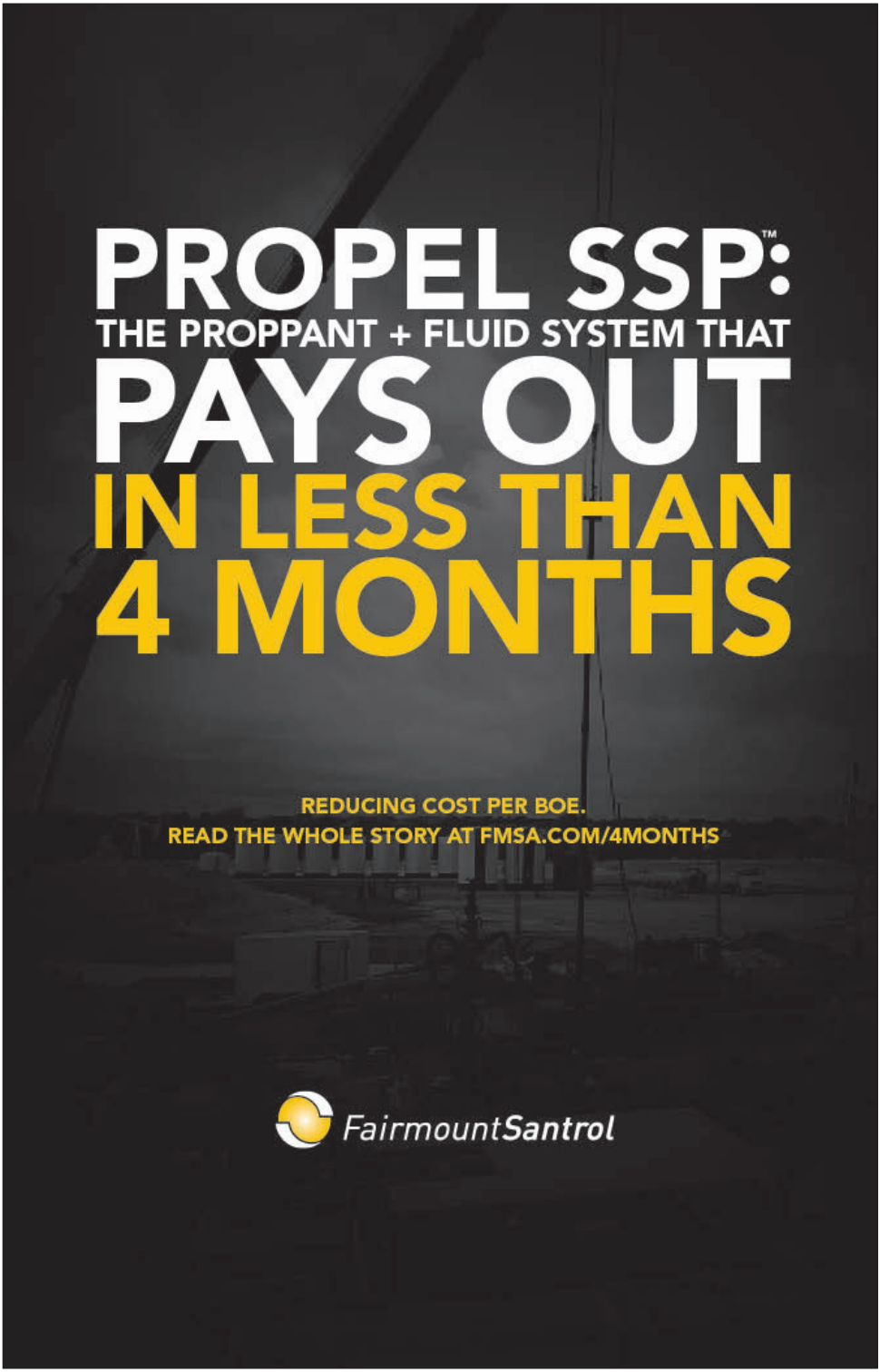
I. Professional Awards
The Professional Award categories are:

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

For more details or to nominate a colleague, go to **www.spe.org/awards.**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MARCH 2016

WEDNESDAY, **March 16, 2016 -** Luncheon Meeting
Location: Summit Club, 30th Floor, Banquet Room
Speaker: Dan Themig
Topic: Effectiveness of Isolation Using Solid Body Packers to Dramatically Affect Ultimate Recoveries

Register: **http://spemc031616.eventbrite.com**

Description
Given the declining prices of oil and gas in our industry, we have seen a new drive to determine solutions for increasing ultimate recoveries. It's clear that more stages, more water, more proppant at much higher costs (the sledge hammer approach) can achieve results, but is there the ability to be more effective while spending less? More evidence has come out to determine that effective isolation may be one of the missing keys when comparing production results of various offerings. This talk discusses some case histories and overlooked factors that will be effective in providing increases of more than 50% in ultimate recoveries.

Speaker
Dan Themig
Mr. Themig prototyped the technology that revolutionized the oil and gas industry and enabled producers to economically access reserves in unconventional plays. Over his 30 year career, he has served in various engineering and technical positions in Canada and the US, and has been involved in advanced horizontal and multilateral projects worldwide. Indicative of the achievements of Canadian innovation and technology, in 2000, Mr. Themig and two partners started Packers Plus in Canada and now employ nearly 750 staff across 32 countries worldwide.

Mr. Themig holds a B.Sc. in Engineering from the University of Illinois and an MBA from Oklahoma State University. He is a registered professional engineer and a member of the Society of Petroleum Engineers (SPE). He also serves on the board of directors for several energy industry companies. Mr. Themig received the 2010 SPE Meritorious Engineering Award, the 2012 Sproule Innovation and Achievement award, holds more than a dozen patents and has authored numerous technical articles.

An avid mountain climber, Mr. Themig married his wife Karen near the Base Camp of Mount Everest. He currently resides in Calgary and enjoys spending time on his ranch with his family.

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.



The Oil Industry's 2016 Challenge: Cost-Effective IOR

The oil industry's worst downturn in a generation has operating and service/supply companies grappling with crisis-mode cost containment in improved oil recovery (IOR) and enhanced oil recovery (EOR) practices. Revolutionary breakthroughs in IOR technologies—hydraulic fracturing and horizontal drilling—have unleashed vast new supplies of oil and gas that have transformed and even overwhelmed existing markets. Companies that survive and thrive while transitioning from boom to a lower-for-longer commodity price environment must now become laser-focused on cost-effective IOR and EOR in today's dominant unconventional plays.

Challenges include:

- Optimizing batch drilling of horizontal wells from pads.
- Minimizing water handling/treating/disposal/reuse costs.
- Understanding basic flow characteristics in unconventional reservoirs.
- Identifying the most cost-effective EOR processes to deploy in tight oil and gas plays.
- Determining if climate change push helps prospects for CO_2 EOR/sequestration.

Get answers to these questions and learn even more about all the cutting-edge IOR and EOR technologies at the 20th Improved Oil Recovery Conference, April 9-13, 2016, in downtown Tulsa, Okla. Sponsored by the Mid-Continent Section of SPE since 1978, this biennial conference of the world's leading experts in IOR and EOR is the largest gathering of its kind anywhere in the world.

IOR 2016 HIGHLIGHTS

Technical Program	Other IOR 2016 Offerings
130 Paper Presentations/16 Poster Sessions	Keynote address: SPE 2017 President-Elect Janeen Judah
Best of Dresden (2014 EAGE IOR Symposium)	Special plenary sessions on IOR/EOR case studies
EOR/IOR for Unconventional/Shale Reservoirs	Six short courses offering CEU or PDH credits
Water Quality	IOR Pioneer Awards Luncheon
Gas Injection Processes	Beer 'n Brats night with door prizes, entertainment
Chemical EOR	Dozens of industry exhibits
Conformance	Catered food & refreshments on exhibit floor
CO_2 EOR/Sequestration	New mobile app to track conference details, events
Polymer	Proceedings available to attendees via the cloud
Novel & Nanotech	A new, bigger venue in downtown Tulsa—which is enjoying an exciting renaissance with many new dining/entertainment choices
Field Case Histories	
Viscous/Heavy Oil Recovery	
Foams in EOR	Shuttles to area casinos
Low Salinity	Regional geology field trip
Reservoir Characterization/Management	Unparalleled networking opportunities for EOR/IOR specialists
Smart Wells	

Join us at the 20th IOR Conference in Tulsa on April 9–13, 2016, to learn about the latest advances and network with the top experts in IOR and EOR technology and best practices.

FIND SOLUTIONS TO TODAY'S CHALLENGES AT IOR 2016

Register Now at www.speior.org/registration.shtml

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