# SPE Mid-Continent Section Newsletter

February 2016 | Issue No. 419






# SPE Mid-Continent Section

## Executive Committee Voting Members

| | Phone | E-mail |
|---|---|---|
| **Chairman:** | | |
| Victor Jordan, Petroflow Energy Corporation | | vjordan@petroflowenergy.com |
| **Vice Chairman (Programs):** | | |
| Josh Audet, Packers Plus | | Josh.Audet@packersplus.com |
| **Secretary:** | | |
| Asad Molayari, Baker Hughes | | asadollah.molayari@bakerhughes.com |
| **Treasurer:** | | |
| Cliff Mobley | | OKMobley@yahoo.com |
| **Directors:** | | |
| Betty Felber, Consultant | 918-403-9199 | IORImplement@outlook.com |
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| Tom McCoy, Cimarex | 918-585-1100 | tmccoy@cimarex.com |
| Dwight Rychel, Consultant | 918-492-6964 | rychel@cox.net |
| Steve Tipton, All Consulting | 918-230-2161 | stipton@all-llc.com |
| **Past Chairman:** | | |
| Ashley Jorishie, Apache | | ashleyjorishie@gmail.com |
| **Regional Director:** | | |
| Michael Tunstall, Halliburton | 214-460-8682 | michael.tunstall@halliburton.com |

## Committee Chairmen Non-Voting Members

| | | |
|---|---|---|
| **Newsletter Editor:** | | |
| Betty Felber, Consultant | 918-403-9199 | IORImplement@outlook.com |
| **Assistant Editor:** | | |
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| **Newsletter Advertising:** | | |
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| **Webmaster, Communications:** | | |
| Kristi Lovendahl, Consultant | | sixgun@olp.net |
| **Continuing Education:** | | |
| Mohan Kelkar, The University of Tulsa | 918-631-3036 | mohan@utulsa.edu |
| **Awards:** | | |
| *Open* | | |
| **Scholarships:** | | |
| Steve Tipton, All Consulting | 918-230-2161 | stipton@all-llc.com |
| **Memberships:** | | |
| Luke Strong, Power Services Inc. | 918-933-5272 | lstrong@powerserviceinc.com |
| **Nominations:** | | |
| Victor Jordan, Petroflow Energy Corporation | | vjordan@petroflowenergy.com |
| **IOR Symposium 2016:** | | |
| Michael Wiggins, Petroleum Engineering Consultant | | mlwiggins@verizon.net |
| **Young Professionals:** | | |
| Charley Mathis, Cudd Energy Services | 918-585-9807 | cmathis@cudd.com |
| **Golf Tourney:** | | |
| Nathan Nitchals, ENVENTURE | 918-856-1091 | nathan.nitchals@enventuregt.com |
| **Sporting Clays Tournament:** | | |
| Mark Carr, Kaiser Francis | 918-491-4369 | markc@kfoc.net |



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,

I hope everyone enjoyed the last luncheon. Unfortunately I was unable to attend, but I receive positive feedback regarding Nate Alleman's discussion. I hope you all can join us at February's meeting where Steven Jones Jr. will present his topic of "Estimating Reservoir Pressure from Early Flowback Data". We anticipate a big turnout so register now to ensure your spot.

Our last YPE event had a great turnout, and it continues to grow. Our February event will be hosted at The Main Event located at west of Hwy 75 directly across from Tulsa Hills. Please be looking for our next email with the details and as always invite your colleagues.

I hope you all received the invite for the TU Graduate Networking Dinner that will be held on February 18th at the Gilcrease Museum. The MIDCON SPE Chapter is cohosting the event with TU's SPE Student Chapter. The purpose of the event is to allow upcoming TU Petroleum Engineering graduates the opportunity to network and learn from industry professionals. We all know times are tough in the patch, but we need to show support and encourage the future grads of Petroleum Engineering. I encourage those who want to attend to register as soon as you can. MIDCON SPE Members' dinner will be covered by the MIDCON SPE Chapter. This is a great opportunity to meet and give advice to the future leaders in the energy industry.

Sincerely,

Victor Jordan
2015-2016 Chairman
vjordan@petroflowenergy.com

## SPE Mid-Continent Newsletter Sponsors


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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

This newsletter alerts you to our February section meeting. Also, don't forget to review the ads in your newsletter. There are some interesting technologies that can help solve some of the scientific challenges that confront you. Look for technologies that can help you do your job faster, economically and accurately. When you find these outstanding technologies, share them with your fellow professionals by talking about the successes you have had.

Your Editor,
Betty Felber

## Calendar of Events

### Wednesday, February 17, 2016 - Luncheon Meeting

- R. Steven Jones, Jr., Newfield Exploration "Estimating Reservoir Pressure from Early Flowback Data," Summit Club, 30th Floor, Banquet Room

### 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

**2015-2016**

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, 2016**

**I. Professional Awards**

The Professional Award categories are:

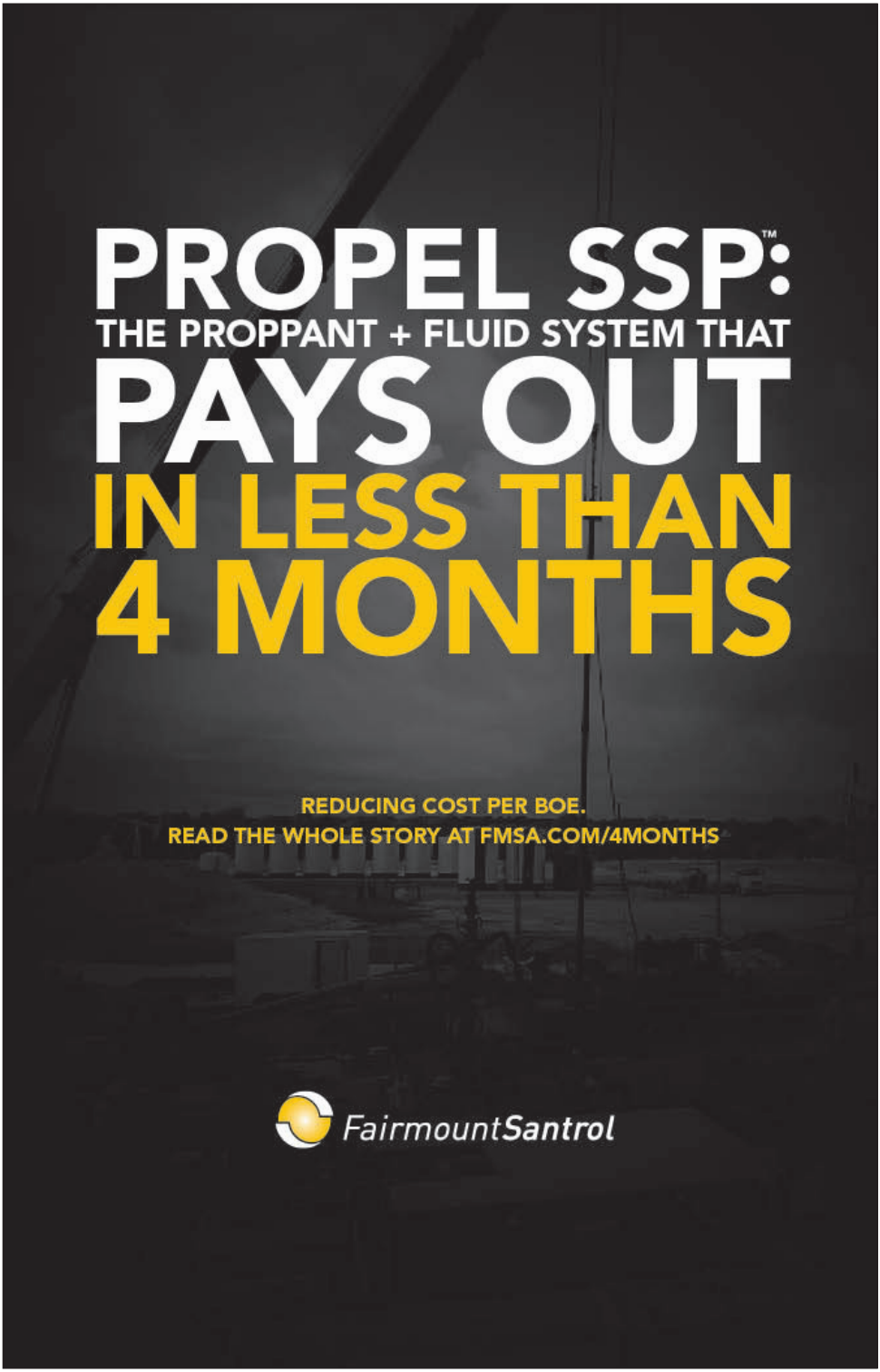
- Distinguished Achievement Award for Petroleum Engineering Faculty
- Distinguished Corporate Support Award
- Service Award
- Young Member Outstanding Service Award

**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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**EFFECTIVE JANUARY 1, 2016, THE LUNCHEON PRICE WILL DECREASE TO $20 PER PERSON (PLUS FEES) FOR REGISTRATIONS RECEIVED BY THE EARLY-BIRD DEADLINE (CLOSES AT 11:59 PM TWO DAYS PRIOR TO LUNCHEON DATE); THE LUNCHEON PRICE WILL INCREASE TO $30 PER PERSON (PLUS FEES) FOR LATE REGISTRATIONS OR WALK-INS, PRE-REGISTRATION IS ENCOURAGED AND APPRECIATED. RESERVATIONS ARE FREE FOR STUDENTS ONLY.**

## FEBRUARY 2016

**WEDNESDAY, February 17, 2016 -** Luncheon Meeting
**Location:** Summit Club, 30th Floor, Banquet Room
**Speaker:** R. Steven Jones, Jr., Newfield Exploration
**Topic:** Estimating Reservoir Pressure from Early Flowback Data

**Register**: **http://spemc021716.eventbrite.com**

**Description**
Measuring initial reservoir pressure in unconventional reservoirs is difficult and often impractical. A method for estimating reservoir pressure from early frac flowback data is presented. It involves estimating hourly flowing bottom-hole pressure from surface data, before and after first measurable hydrocarbon production. Field examples from SCOOP and STACK wells in the Woodford and Meramec formations illustrate typical pressure signatures. Newfield has been using this method routinely for over two years, and has found good agreement with reservoir pressure measured by other techniques. The presentation is based on URTeC 1934785, co-authored by Brian Pownall and Jarrid Franke of Newfield.

**Speaker**
**R. Steven Jones, Jr.**
Steve Jones is Reservoir Engineering Advisor for Newfield Exploration in Tulsa. He has worked Newfield's resource plays for 14 years. Previous employers include Joshi Technologies International, the Gas Research Institute, and Grace Petroleum. Jones holds a BS from the University of Tulsa and an MS from the University of Texas, both in petroleum engineering.

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.

# 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 Membership

## Renew Today



*"Whatever you are, be a good one."*

– **Abraham Lincoln**

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