

Having trouble viewing this email? [Click here to view in browser.](#)



I hope you are having a wonderful summer. SPE Denver Section is back from summer break and excited for the 2015-16 season.

We had a great kickoff to the season, with over 150 people attending the Unconventional Well Performance Analysis Workshop and Networking event at the Hyatt Regency. Dr. John Seidle, Chairman of the SPEE Monograph 4, was our featured speaker, discussing proved reserves for unconventional wells and stepping through real-life examples in the Bakken, DJ Basin, and the Marcellus. The presentation discussed interesting pit falls, as well as pros and cons of different forecast methods.

After the workshop, all attendees were invited to stay for the networking reception, where they had the opportunity to have one-on-one discussions with Dr. Seidle on the key concepts, as well as meet the SPE Denver Board and fellow colleagues.

We will keep you updated on when the Monograph will be available for purchase through the SPEE website.

We will have the first General Meeting for the season on September 16th. This month, our speaker is SPE Distinguished Lecturer Jason Pitcher, who will be discussing the impact of geology on well placement and completion in unconventional reservoirs.

Please note that we have updated the pricing structure for the General Meetings. The prices are as follows: \$25 for members, \$35 for non-members, and \$40 for walk-ins. Make sure to keep your membership current and register for General Meetings to avoid higher prices.

Please read below for upcoming events.

Cheers,

Marija Mircevska


Newsletter Editor

**September 3, 2015**

## GENERAL MEETING

### **SPE Distinguished Lecture: Increasing Production with Better Well Placement in Unconventional Shale Reservoirs - Challenges and Solutions**

*Jason Pitcher, Cameron*

 September 16, 2015, 11:30 AM - 1:30 PM

 Denver Athletic Club



In this Issue...

- [General Meeting](#)
- [Tennis Tournament](#)
- [SPE Young Professionals](#)
- [Community Outreach](#)

**Follow Us:**



**Tickets:**

Members	\$25
Non-Members	\$35
Walk-Ins	\$40



**Abstract:** The idea that the stimulation process "will take care of the geology" in unconventional reservoirs is proving false.

Unconventional reservoirs are often regarded as resource plays with little demand for reservoir analysis beyond simple geosteering techniques during the development campaign. This leads to the common practice of stimulating wells with equally spaced stages and treating all the stages exactly the same, with no regard to the nature of the rock being treated. As a result, production can vary from each stage, with some stages either not contributing or doing poorly.


Clearly, the stimulation process alone cannot mitigate the impact of geology in unconventional reservoirs; however, mechanisms do exist for improving results in these reservoirs. Mapping the distribution of geomechanical properties for optimal stimulation is one example of unconventional thinking that can be applied. The practice of "steering to brittleness" or similar techniques can have a direct impact beyond simple well placement. Given a map of geomechanical properties along the wellbore, completion engineers can optimize the position of plugs or packers, and stimulation engineers can fine tune the design of the treatment applied to the rock. By re-establishing the link between production and geology, these methods can decrease the exploitation costs of unconventional reservoirs.


**Biography:** Jason Pitcher is the Director of Consulting Practice at Cameron, based in Houston, Texas. He received his bachelors of Science degree in Geology from the University of Derby and his masters of Science degree in Mineral Exploration from Imperial College in London. Jason has over 24 years of experience in oil and gas assets, having worked in multiple areas of drilling, completion and production solutions delivery. He holds a BS in Geology from the University of Derby and an MS in mineral exploration from Imperial College London. He has developed and managed well placement operations around the world, taught geosteering for international geoscience organisations and works diligently on SPE committees. He has co-authored over 25 papers and articles on LWD tools, petrophysics, geosteering, and in recent years, unconventional reservoir exploration and exploitation.

Jason was an SPE Distinguished Lecturer for the 2012-13 lecture season.

[Register Now](#)

## SPE DENVER ANNUAL TENNIS TOURNAMENT

 October 2, 2015, 11:30 AM - 4:30 PM

 Gates Tennis Center (East of Cherry Creek Mall)

The cost to enter as a player is \$30. Includes court fees, lunch, refreshments, balls, door prizes, and awards. There will be an A and B group. Group selection is not guaranteed.

We also offer three levels of sponsorship donation, from \$100 to \$500 or more. Sponsoring companies will be recognized at the tournament with signs bearing their logos, and mentioned in the Newsletter.

The proceeds from the tournament benefit the SPE Scholarship Fund and are distributed to petroleum engineering students in the Rocky Mountain Region.

 [Facebook](#)

[SPE Denver Website](#)



Any questions or concerns with registration, please contact [Renee Supplee](#).

## SPE YOUNG PROFESSIONALS

---

### Lunch and Learn - Speaker to Be Announced

September 9, 2015, 11:30 AM - 1:00 PM

Liberty Oilfield Services

### Happy Hour

September 9, 2015, 4:30 AM - 6:30 PM

Rock Bottom Brewery at 16th Street Mall

## COMMUNITY OUTREACH

---

There are currently 5 avenues where we are looking for volunteers. Look through the opportunities below to find one that works for you! Please be aware that you are free to commit to more than one volunteer opportunity at time.

### 1. TutorMate:

<http://www.innovationsforlearning.org/tutormate/>

TutorMate involves helping less privileged kids to learn how to read. To accomplish this, all you need is a phone and a computer with internet and a **30 minute a week commitment starting in September 2015 and ending in May 2016**. Please visit the link to get more details on how this program helps children in our community. We plan to host 2 classes for TutorMate this year but we need to confirm volunteers before we commit to the organizers. There would be training for volunteer tutors to familiarize themselves with the tutoring system towards the end of September. The training usually lasts 1 hour and is all online.

### 2. Energy4Me:

<http://energy4me.org/>

Energy4Me is a lecture program designed to increase awareness of what we do in the energy industry, especially among high school students. We are planning on 18 lectures for the coming year. The training for volunteer lecturers comes up on Tuesday September 22<sup>nd</sup>. After the training, each volunteer would be assigned 1 lecture they would be responsible for. The lecture requires: **traveling to the school here in Denver, giving a 1 hour lecture, and then traveling back from the school**. We hope to get up to 18 volunteers so the commitment for this would be 1 lecture per volunteer through the year.

### 3. Science Fair Judges:

[http://curriculum.dpsk12.org/math\\_science/science/fair/resources.shtml](http://curriculum.dpsk12.org/math_science/science/fair/resources.shtml)

Science fairs are fun events for kids to showcase some of their talent. Our plan is to have volunteer judges for science fairs in Denver Public Schools (DPS) through the year. We plan to provide prize donations to the schools for the winners of the science fairs. Typically, these events start in the morning (8am) and go on till noon / early afternoon. **Volunteers would likely need to commit half of their day to this event.**

### 4. Career Fairs & Ambassador Lecture Programs:

<http://www.dpscareerexpo2015.com/#about>

Career fairs and Ambassador lecture programs aim to reach out to high school students who will be moving on to college and provide some career coaching to them. This is typically a whole day event. The Ambassador lecture programs (ALP) is done in conjunction with these career fairs as sort of an “information session” about the oil and gas profession. **Volunteers would need to travel to the event, spend most of the day (8am – 3pm) at the career fair and then drive back.**

### 5. Alzheimer’s Walk:

[http://act.alz.org/site/TR?fr\\_id=7365&pg=entry](http://act.alz.org/site/TR?fr_id=7365&pg=entry).

The Alzheimer’s walk organization is looking for volunteers to help out with coordinating at the event coming up on Saturday September 19<sup>th</sup>. Volunteers who want to walk are also welcome to. **Volunteers would start helping out from 6am and through the event which ends at 11am. Event location and details are in the link provided.**

Interested volunteers can contact Midowa Gbededo at [mgbededo@slb.com](mailto:mgbededo@slb.com)

## Society of Petroleum Engineers - Denver Section

### Americas

222 Palisades Creek Dr.  
Richardson, TX 75080-2040 USA

### Asia Pacific

Level 35, Gardens South Tower  
Mid Valley City, Lingkaran Syed Putra  
59200 Kuala Lumpur, Malaysia

### Europe

1st Floor, Threeways House  
40/44 Clipstone Street  
London W1W 5DW UK

### Middle East

Fortune Towers, 31st Floor  
Offices 3101/2, JLT Area  
P.O. Box 215959, Dubai, UAE

+1.972.952.9393 | E-mail |

SPE members receive periodic emails on events and programs related to the section to which they belong. If you no longer wish to receive emails from this section, please opt-out. You may also choose to review your email preferences with SPE International.

