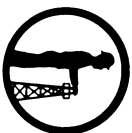


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Mid-Continent Section

Mid-Continent Section
Monthly Newsletter

May 2010
Issue No. 369

SPE Mid-Continent Section

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VACANT			
Scholarships:			
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Kyle Randolph, Hughes Christensen	259-2036	259-2046	Kyle.Randolph@bakerhughes.com
Sporting Clays Tournament:			
Mark Carr, Kaiser Francis	491-4369	491-4691	markc@kfoc.net

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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 12th of the month.**

Change of address requests should be made to SPE in Richardson, TX @ (800) 456-6863, ext. 458.

Chairman's Gavel

Erik Block, 2009-2010 Mid-Continent Chairman

As another successful year of SPE-MC collaboration draws to an end, and my time as Section Chair with it, I'd like to thank the membership for putting up with me for four years. I'd also like to give a special thank you to the current officers, directors, and subcommittee chairs for volunteering time out of their busy schedules to lead the Mid-Continent Section. Dwight Rychel deserves a very special thank you for his efforts as director of the 17th SPE Improved Oil Recovery Symposium. He could probably also use a pat on the back (and a beer or two) for guiding us through to such a successful event given all the troubles the volcano presented.

Recall that ballots for this year's officer election have been mailed out. Please make the effort to fill out the ballot and mail it back in. Moreover, I'd like to encourage all of you to get involved with the MC Section. I've found that my time spent volunteering to the section has been very rewarding and enlightening. And I know most of my predecessors have felt the same way.

Announcements:

- The Mid Continent Section is continuing its strong commitment to scholarship donations for the 2010 - 2011 school year. If you know of a graduation high school senior or undergraduate student majoring in the sciences, please let us know. Information can be found on our website, www.spemc.org.

Next year, I look forward to falling back to the ranks of the general membership to enjoy what promises to be another great year under the leadership of Earl Logan.

Erik Block

2009 – 2010 Chairman

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Officers & Directors 2010-2011

Be sure to check the website at the end of
May for the new slate of 2010-2011 officers

www.speinc.org

From Your Editor

Betty Felber, 2009-2010 Editor

May is the last month for our meetings with our current officers. With the 17th Improved Oil Recovery Symposium just completing, it has certainly been a very interesting, busy year. Just ask our outgoing officers. We have had Distinguished Lecturers and meetings so successful that we have to go to a hotel ballroom for them. Please join me in extending our thanks to them for working so hard to make this year special.

Soon our new slate of officers will take the reins of the Mid-continent Section. It is now time to elect them. I urge you to vote then give them your support and vow to become more active in our section.

Have a great summer off and I'll see you in September.

Betty Felber

Consultant

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Calendar Events of Interest

May 11

Tuesday, SPE Luncheon Meeting, ****Distinguished Lecturer**** Jeremy (Jez) Lofts, INTEQ, a division of Baker Hughes "The Concept of Sedimentary Steering Using High Definition Geological Information while Drilling", Petroleum Club.

May 27

Thursday, SPE Luncheon Meeting, Valerie Mitchell, Newfield, "Maximizing Commercially Recoverable Reserves in the Woodford Shale", Petroleum Club.

June 21

FIRST DAY OF SUMMER

Sept. 2010

SECTION RECONVENES

Sept. 2010

FIRST MEETING OF 2010-2011 SESSION

JOIN US IN CONGRATULATING THE 2010 LEGION OF HONOR AWARD RECIPIENTS



Legion of Honor awards commemorate 50 years of continuous SPE membership. The 2010 recipients pictured from left to right are: J.D. Stahl, Gordon Romine, H R. Froning, Dwight Dauben & James Kelly. Recipients not shown are Ralph Buckley and H. Boyd Howard.

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May

Date/Event **Note: This meeting is on a Tuesday**
Tuesday, May 11, Luncheon Meeting, ****Distinguished Lecturer** Jeremy (Jez) Lofts, INTEQ, a division of Baker Hughes, "The Concept of Sedimentary Steering Using High Definition Geological Information While Drilling"**

Register: To register and pay by credit card, go to <http://spemc0511.eventbrite.com>, for reservations to pay at the meeting by cash or check, e-mail or call Daena, miller@tulsa.oil-field.slb.com, 918-582-0963 ext. 10.

Description

Traditional geosteering relies on the ability of deep-reading (2 to 5m) resistivity measurements, placed some distance behind the bit, to detect on-coming contacts either above (shale) or below (fluids) the borehole. Decisions about altering well path to optimize well placement are made using these data-reducing uncertainty and guiding reservoir exposure optimization in high-angle and horizontal wells. Control may however be reduced/lost when these measurements fail to identify a boundary contrast. These measurements also don't tell us about the reservoir's 'sweet-spot' or its optimal geological horizon to steer within in order to further increase production from any single wellbore.

The concept of Sedimentary Steering, which uses detailed, high-resolution geological - facies and structural information acquired close to the bit while-drilling, is introduced for 'advanced' reservoir navigation (geosteering). The focus is on reducing uncertainties related to, and improving geosteering within, the desired "sweet-spot" of a variety of clastic and carbonate reservoirs. The plausibility of this concept improves with the resolution of while-drilling resistivity borehole imagers. Today, it is possible to characterize a broad range of structural and sedimentary features allowing textural/fabric analysis, facies discrimination and feature orientation for improved geosteering control.

Members will take away from this talk the exploration of the concept of "Sedimentary Steering" which was heretofore deemed unfeasible but now possible with this type of image data, if coupled with real-time interpretation and decision-making, to maximize reservoir penetration.

Speaker

Jeremy (Jez) Lofts, INTEQ, a division of Baker Hughes

Jeremy (Jez) Lofts received his PhD from Leicester, UK in 1993, and is a Chartered Geologist. He has worked as an image interpretation specialist and lectures externally/internally on the subject of Borehole Image Interpretation. Jez is author of 30+ papers on geological and petrophysical oilfield applications and was a 2007 Distinguished Speaker for SPWLA. His co-authored paper (Ritter et al., 2004) on Borehole Imaging won best paper in Petrophysics for 2005. Having previously worked with Schlumberger and ZandS Geoscience, he is currently the Director for Formation Evaluation Product Lines (LWD-Coring-Surface Logging) at INTEQ (a division of Baker Hughes). In 2008 he will Chair the Topical Conference on Well Placement and 3D Petrophysics in High Angle Horizontal Wells for the SPWLA.

Luncheons are held at the Petroleum Club, 15th Floor from 11:20-1:00 p.m. unless otherwise noted. Reservations can be made by credit card or by contacting Daena at miller@tulsa.oilfield.slb.com, 582-0963 ext. 10 by Tuesday noon. Luncheon cost is \$25.00. *Payment by credit card is for advanced registrations ONLY, no credit cards will be accepted at the meeting. Credit card sales will end one hour prior to the meeting.

Date/Event

Thursday, May 27, Luncheon Meeting, **Valerie Mitchell, Newfield, “Maximizing Commercially Recoverable Reserves in the Woodford Shale”**

Register: To register and pay by credit card, go to <http://spemc0527.eventbrite.com>, for reservations to pay at the meeting by cash or check, e-mail or call Daena, miller@tulsa.oilfield.slb.com, 918-582-0963 ext. 10.

Description

The Mid-Continent is currently Newfield's most significant investment region. In late 2007, Newfield entered the development phase in the Woodford Shale, located in the Arkoma Basin of southeast Oklahoma. The Woodford shale gas area is characterized by extensive prospect inventories, large acreage positions and a multi-year inventory of lower risk drilling opportunities. The Company expects continued operational improvements and efficiency gains throughout the year - a benefit of this development mode.

As an industry, we have drilled approximately 1000 horizontal wells in the Woodford Shale and are continuing to find ways to efficiently maximize recoverable reserves even in a low price environment. Newfield has been a leader in this play with over 300 horizontal Woodford wells producing today. Newfield is utilizing super extended lateral (SXLs) to increase reserves and rate while lowering unit F&D where topography, geology, or commerciality has been an issue. Additionally, a variety of completion optimization techniques have been tested since late 2009 including high volume or high density fracture stimulation to improve reserve recovery from congressional locations (standard 640 acre units).

Speaker

Valerie Mitchell, Newfield

Valerie Mitchell is currently the Development Manger of the Mid-Continent Assets at Newfield Exploration in Tulsa, Oklahoma. Transferred to Tulsa in 2008, Ms. Mitchell began working with the Granite Wash and Arkoma in a lead position before being promoted to her current role. Ms. Mitchell started at Newfield in Houston, Texas in 2004 in as a reservoir engineer and was promoted in 2007 Business Development Manger for the Onshore Gulf Coast area.

Previous to her time at Newfield Exploration, Ms. Mitchell worked for Coastal and El Paso for 6 years in a number of capacities. Ms. Mitchell began her professional career with Shell Oil Company as a reservoir engineer. She holds a B.S. in Chemical Engineering from University of Missouri—Columbia and is a member of the Society of Petroleum Engineers.

SAVE THE DATE

— August 23, 2010 —

SPE Fall Round-Up Golf Tournament

Check www.speinc.org for details

64% Pass 2009 Petroleum PE Exam

NCEES and the State Engineering Boards released their 2009 Professional Engineering Exam results in March. Nationwide, the Petroleum Engineering Exam recorded a 64% pass rate. First time takers passed at an 83% rate. The estimated pass rates of a few other engineering disciplines were:

Chemical	72%	Agricultural	80%
Civil	52%	Fire Protection	57%
Electrical	53%	Industrial	55%
Environ'm'tal	67%	Metallurgical	48%
Mechanical	58%	Mining	64%
Structural	47%	Control Systems	78%

The Petroleum pass rates in 2009 for a few states:

Alaska	100%	Louisiana	0%
California	50%	Oklahoma	89%
Colorado	75%	Texas	76%
West Virginia	100%	Wyoming	100%

What are the requirements to take the Petroleum PE Exam? Today, Oklahoma requires that you have:

1. An engineering, math or science degree.
2. Passed the Fundamentals, or EIT Exam.
3. At least four years of professional experience.

Interested? Contact the Oklahoma State Engineering Board at (405) 521-2874 for application forms. State web sites are also available at: www.ncees.org/licensure/licensing_boards. The Oklahoma application deadline to take this year's PE Exam is June 1, 2010. This year's test will be given on Friday, October 29, 2010.

Petroleum PE Review Course

Winrock Engineering, Inc. is offering a Petroleum PE Review Course in Tulsa from August 16 through August 20, 2010. For more information, contact:

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— **Kahlil Gibran, author**

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