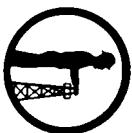


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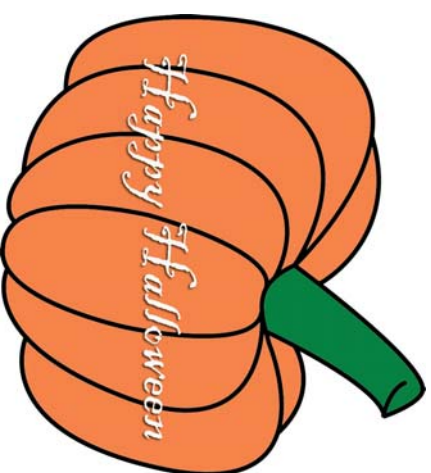
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Mid-Continent Section

Mid-Continent Section Monthly Newsletter



October 2009
Issue No. 362

SPE Mid-Continent Section

Executive Committee Voting Members

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Secretary: Lance Sullins, Cimarex	295-1824		lsullins@cimarex.com
Treasurer: Jonathan Bush, EXCO Resources	592-7392	592-7494	jbush@excoresources.com
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Regional Director: Roy Knapp, U. of OK	405-325-6829	405-325-7477	knapp@ou.edu
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IOR Symposium: Dwight Rychel	492-6964		rychel@cox.net
Young Professionals: Julie DeWitt, Newfield	878-1252		jdewitt@newfield.com
Golf Tourney: Kyle Randolph, Hughes Christensen	259-2036		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

Hello again to all you fellow SPE members out there. I'm pleased to usher in the newsletter you've been waiting so patiently and eagerly for.

Now that the air is crisp and the leaves are beginning to turn, I think we all know what time it is...that's right, it's time to start shooting firearms! And what better way to get ready for the hunting season than the SPE Sporting Clay Tournament. And for us non hunters out there, it's generally still a great way to socialize, get a free day off of work, and receive great refundable prizes!! Everybody wins. So please remember to get your forms in and we'll see you out on the range Friday, October 23rd.

And speaking of fun times, I hope all of you headed to New Orleans for the ATCE will have a safe and entertaining trip (and maybe even learn something while you're there). Also, while you are there, keep note of any presentations you think might be welcomed by our Midcon audience and send myself or our program chair, Earl Logan, a note on your recommendation(s). What a good way to help out the section without even volunteering.

Finally, I wanted to remind/alert all of you that our speaker on November 2nd, Fred Growcock, will be sticking around that afternoon to give a workshop on "STRENGTHENING WHILE DRILLING". Fred is with M-I Swaco, and is a Distinguished Lecturer so it is sure to be a very enlightening afternoon. Please read the abstract located later on in the newsletter and make plans to stick around after the luncheon on November 2nd.

That's all from me this month. Enjoy the newsletter and let me know if I can help you, or better yet if you can help me...by volunteering your time to the SPE-MC committee.

Thanks and have a safe and happy October.

Erik Block

2009 – 2010 Chairman

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From Your Editor

Betty Felber, 2009-2010 Editor

New Orleans, here we come! That is for the 2009 SPE Annual Technical Conference and Exhibition. Judging from the technical program, it promises to be an exciting exchange. Hope a lot of you can make it to this worthy conference.

Thanks to all of you that participated and sponsored the Golf Tournament. We appreciate your taking to time to participate and your companies for supporting our section. Congratulations to all!

The programs—luncheon and short course—that the section has scheduled this month should be enlightening.

Come see what they have to offer. You might be surprised how you can apply this technology.

Betty Felber

Consultant

403-9199 Phone

IORimplement@spemail.org

Calendar Events of Interest

Oct. 4
NATIONAL GOLF DAY

Oct. 12
COLUMBUS DAY

Oct. 22
Thursday, SPE Luncheon Meeting, Dan Chambers, Weatherford, Topic: "Wellbore Isolation Solutions using Inflatable Packers", Petroleum Club.

Oct. 31
HAPPY HALLOWEEN

Nov. 2
Wednesday, **NOTE this meeting is on a Monday**, SPE Luncheon Meeting, Fred Growcock, M-I SWACO—Distinguished Lecturer—Topic: "How to Strengthen and Stabilize the Wellbore during Drilling Operations", Petroleum Club.

Nov. 2
Monday**, SHORT COURSE, Immediately following the luncheon, 1:30 - 4:00 p.m., Fred Growcock, M-I SWACO—Distinguished Lecturer—Topic: "Strengthening while Drilling Workshop", \$40, Limited to 40 participants, Petroleum Club.

Nov. 19
SPE Luncheon, speaker TBA
SAVE THE DATE

14th Annual Sporting Clays Classic

Sign Up Now

Friday, October 23, 2009
Longshot Ranch, Skiatook, OK

Registration Deadline is October 16th

****Eye & Ear Protection Required for All Shooters****

The Mid-Continent SPE is pleased to announce the 14th Annual Sporting Clays Classic. This year the Classic will be held on Friday, October 23rd at Longshot Ranch. The morning group will begin at 8:00 AM and the afternoon group will begin at 1:00 PM (Check in 30 min prior to start.).

Entry fee will be \$210 per shooter or \$1047 per 5-man team, * Cart included in entry. (Please make checks payable to SPE Sporting Clays).**

As always, the Classic will include 100 clay targets, breakfast, lunch, drinks and lots of prizes. All participants will be scored individually and classed by a Lewis Class Scoring System. Shooters will be required to provide their own shotgun shells (2 3/4", #9, #8 or #7 1/2 shot). Please bring extra shells in case of a malfunction. The wobble trap and 5 stand will be available for a minimal fee if you wish to practice while waiting for your starting time.

The door prize drawing will be held at 12:00, therefore, if you shoot in the afternoon, please sign in before noon.

*****NOTE***** Carts are included in the entry fee. We will have 20 shuttles and 20 4-man carts. The shuttles will be given to the first 20 team entries in the morning and the afternoon.

If you would like to **receive special recognition** and be one of our **tournament sponsors**, please contact **Mark Carr** at **918-491-4369** or **markc@kfoc.net**.

Please check one: Morning _____ Afternoon _____

TEAM ROSTER:

CAPTAIN

- (1) _____ Ph. (____) ____ - _____
(2) _____
(3) _____
(4) _____
(5) _____

Mail entries to:
Janet Black
Halliburton
601 S. Boulder, Ste. 300
Tulsa, OK 74119

Or e-mail to:
janet.black@halliburton.com
Phone: 918-587-3117

Directions to Longshot Ranch: From Tulsa, Hwy 75 north to Hwy 20, go 12 mi W through Skiatook; turn N on Ranchland Rd; 3 mi N to fork in road, take left Fork; go 2 mi to Longshot on N side of road.

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NOTE:

- Effective September 1, 2009, the luncheon price will increase to \$25 per person.
- The Section is now accepting credit card payment for online luncheon registrations.

October

Date/Event

**Thursday, October 22, Luncheon Meeting, Dan Chambers, Weatherford
“Wellbore Isolation Solutions using Inflatable Packers”**

Register: To register and pay by credit card, go to <http://spemc1022.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. **Payment by credit card is for advanced registrations ONLY, no credit cards will be accepted at the meeting. Credit card sales will stop one hour prior to the meeting.

Description

Over the years, the myriad of isolation issues that occur both in open and cased hole have fostered a number of "fixes". Inflatables, being one of those, have evolved into a reliable method for solving a variety of problems from channeling behind pipe to lost circulation to gas migration, as well as openhole bridge plugs and treating options for open hole.

We will discuss three types of Inflatable Packer Systems:

- Annulus Casing Packer (ACP)—permanent, predictable isolation on casing strings
- Injection Production Packer (IPP)—intervention tool that is retrievable or permanent
- Inflatable Straddle Packer (ISP)—a testing/treating tool for open hole

Speaker

Dan Chambers, Weatherford

Following graduation from the University of Houston in 1976 with a Bachelor of Science degree, Dan worked in the cased-hole wireline business with NL McCullough for 12 years. In 1988, he joined one of the leaders in the world of inflatable packers, CTC International and was there until the sale of the company to Baker Oil Tools in 1995. Dan joined Weatherford in 1997 and helped launch the company into the inflatable packer business. Except for a brief stint back in the wireline business, he stayed the course and is now U. S. Product Line Manager for Inflatables.

Luncheons are held at the Petroleum Club, 15th Floor from 11:20-1:00 p.m. unless otherwise noted. For reservations e-mail Daena at miller@tulsa.oilfield.slb.com or call 582-0963 ext. 10 by

Tuesday noon. Luncheon cost is \$25.00.

November

Date/Event ****NOTE this meeting is on a Monday****

Monday, November 2, Luncheon Meeting, Fred Growcock, M-I SWACO — Distinguished Lecturer—, “How to Strengthen and Stabilize the Wellbore during Drilling Operations”

Register: To register and pay by credit card, go to <http://spemc1102.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. ****Payment by credit card is for advanced registrations ONLY, no credit cards will be accepted at the meeting. Credit card sales will stop one hour prior to the meeting.**

Description

Loss of drilling fluid to the formation is one of the costliest problems that drillers face during well construction. Until recently, the primary method used to control losses involved incorporating materials in the fluid or in pills to bridge or plug the loss zone. Current technology enables a comprehensive -- and more effective -- approach that includes this remediative method but gives greater emphasis to preventing lost circulation. This multi-element approach focuses on (a) best drilling practices, including Managed Pressure Drilling techniques; (b) optimization of hardware configuration; (c) use of drilling fluids which inherently inhibit invasion into permeable or fractured zones; (d) minimization of the fluid's equivalent circulating density; (e) use of wellbore stability models that model rock and fracture mechanics more accurately; and (f) "strengthening" the wellbore. Wellbore strengthening encompasses a wide variety of techniques, which may be classified as physical, chemical, thermal and mechanical. Physical techniques include methods to shield the formation from fluid and pressure through deposition of a barrier that behaves in some ways as casing. Chemical techniques involve changes in composition of the rock and/or pore fluid, thereby altering the fabric and mechanical properties of the rock. Thermal techniques involve increasing or decreasing the temperature of the wellbore, e.g. by heating or cooling the drilling fluid at the surface. Finally, mechanical techniques involve pressure-stressing the wellbore, e.g. hoop stress enhancement (stress caging), to increase the apparent fracture gradient of the rock. By incorporating these technologies and the lost circulation prevention philosophy in the planning of the well and development of the drilling program, it is now possible and economical to drill wells which previously could not be drilled or which incurred unacceptable levels of Non-Productive Time.

Speaker

Fred Growcock, M-I SWACO

Dr. Growcock is currently serving as Senior Technical Advisor for M-I SWACO in Houston, Texas, where he provides technical support to the company's worldwide drilling fluid field operations. He began his career as a Scientist at Brookhaven and Oak Ridge National Labs in the mid-70's working on coal liquefaction and gasification and nuclear reactor safety, then moved to Dowell Schlumberger to develop acidizing corrosion inhibitors and foamed fracturing fluids.

Continued on page 8

Subsequently, he joined Amoco Production Company to carry out drilling fluids R&D and served as an Adjunct Professor of Chemical Engineering at the University of Oklahoma. Dr. Growcock holds Ph.D. and M.S. degrees in Physical Chemistry from New Mexico State University, and B.A. and B.S. degrees in Chemistry from the University of Texas at Austin. He has authored more than 100 papers and holds a dozen patents on corrosion inhibitors, drilling fluid systems and completion fluid products.

**Date/Event - Short Course - Immediately Following the Luncheon
Monday, November 2, 1:30-4:00 p.m.**

**Fred Growcock, M-I SWACO —Distinguished Lecturer—
“Strengthening while Drilling Workshop”**

Cost: \$40

Attendance: Limited to 40 participants

Register: To register and pay by credit card, go to <http://spemc1102course.eventbrite.com>, for reservations to pay at the meeting by cash or check, e-mail Leo Chaves at leo.chaves@weatherford.com or call 918-606-9856.

**Payment by credit card is for advanced registrations ONLY, no credit cards will be accepted at the meeting. Credit card sales will stop at 10:20 a.m. the day of the short course.

Description

Wellbore instability and lost circulation continue to be the costliest problem encountered during wellbore construction. While conventional remediative treatments can decrease drilling fluid losses, increasingly challenging drilling environments-depleted fields, extended reach wells, deep water and complex well geometry-produce narrow wellbore collapse/fracture gradient drilling windows, thereby increasing the risk of lost circulation and limiting the rate of success of those "cures." A novel strategy that incorporates a variety of tools to prevent downhole losses has been developed that is being embraced worldwide for its remarkable success not only in reducing these losses but in some cases eliminating them altogether. This strategy, called I-BOSS (for Integrated Borehole Strengthening Solutions), provides a comprehensive toolkit specifically designed to stabilize wellbores while drilling and significantly reduce drilling costs. This workshop will provide guidance on the theory and implementation of various I-BOSS techniques, with emphasis on their practical features limitations.

November 19 — Save The Date, speaker TBA

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“Even if something is left undone, everyone must take time to sit still and watch the leaves turn”

— **Elizabeth Lawrence**

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