Society of Petroleum Engineers, Inc. (SPE)
P.O. Box 575
Tulsa, OK 74101-0575

Non-Profit
U.S. Postage
PAID
TULSA, OK
Permit 1548

Mid-Continent Section
www.spemc.org

Mid-Continent Section Monthly Newsletter

September 2014
Issue No. 405

SPE Mid-Continent Section

Executive Committee Voting Members

	Phone	FAX	E-mail
Chairman:			
Ashley Jorishie, Apache	918-606-2416		ashley.jorishie@apachecorp.com
Vice Chairman (Programs):			
Susana Tandazo, Baker Hughes	918-606-5387		susana.tandazo@bakerhughes.com
Secretary:			
Victor Jordan, SM Energy Company			fvictorjordan@gmail.com
Treasurer:			
Open			
Directors:			
Betty Felber, Consultant	918-403-9199		IORImplement@spemail.org
Earl Logan, Cimarex	918-560-7142	877-365-3608	elogan@cimarex.com
Tom McCoy, Cimarex	918-585-1100	918-392-2862	tmccoy@cimarex.com
Dwight Rychel, Consultant	918-492-6964		rychel@cox.net
Steve Tipton, Newfield	918-732-1714	918-560-0141	stipton@newfield.com
Past Chairman:			
Rita Behm, Cimarex			rbehm@cimarex.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@spemail.org
Assistant Editor:			
Kristi Lovendahl	918-366-8986		sixgun@olp.net
Newsletter Advertising:			
Mike Stockard, Baker Hughes	918-712-5603	918-713-3257	James.Stockard@bakerhughes.com
Internet Coordinator:			
Dwight Rychel, Consultant	918-492-6964		rychel@cox.net
Webmaster:			
Kristi Lovendahl	918-366-8986		sixgun@olp.net
Continuing Education:			
Mohan Kelkar, The University of Tulsa	918-631-3036		mohan@utulsa.edu
Awards:			
Open			
Scholarships:			
Steve Tipton, Newfield	918-732-1714	918-560-0141	stipton@newfield.com
Memberships:			
Vacant			
Nominations:			
Michael Whitten, Casedhole Solutions	918-260-0583		mwhitten@casedhole-solutions.com
IOR Symposium 2016:			
Michael Wiggins, Mid-Con Energy			
Young Professionals:			
Jeanna Easley, Halliburton			jeanna.easley@halliburton.com
Golf Tourney:			
Nathan Nitchals, ENVENTURE	918-523-7690 x4133		nathan.nitchals@enventuregt.com
Sporting Clays Tournament:			
Mark Carr, Kaiser Francis	918-491-4369	918-491-4691	markc@kfoc.net

www.spemc.org

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 20th of the month.**

Change of address requests should be made to SPE in Richardson, TX, 800-456-6863.

Chairman's Gavel

Ashley Jorishie, 2014-2015 Mid-Continent Chairman

The Directors of the Mid-Continent Section of SPE are very appreciative to those who are able and willing to volunteer service to our Section as Committee Chairs and officers. SPE relies on its members to step into leadership roles for the benefit of the Sections. This year's elected Chairman, Bryson Wolfe, has served the last couple of years as an officer of our Section and was willing to continue; however, recently he has accepted a new position with a company in OKC and will be unable to continue as Chairman of our Section. We congratulate Bryson on his new position in OKC, and wish him the very best. Also, we thank him for his service to our Section. Thank You Bryson!

Consequently, this has left our Section with a void to fill. Therefore, the other elected officers have changed roles to compensate for this change. The new roles are as follows:

Chairman: Ashley Jorishie

Vice Chairman Programs: Susana Tandazo

Secretary: Victor Jordan

Treasurer: currently vacant (Victor will handle the Treasurer duties until a replacement is found)

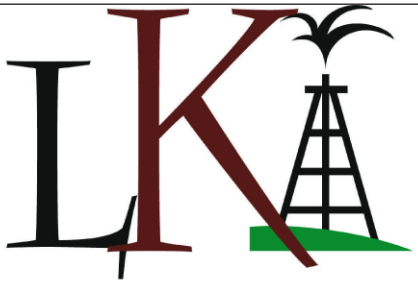
We are currently looking for a member to step into the role as Treasurer. If you or someone you know is able and willing to serve in this capacity, please let Ashley Jorishie or one of the Directors know.

Also, we want to remind you about the upcoming 2014 SPE Fall Roundup Golf Tournament to be held on Friday, September 12th at Forest Ridge Golf course in Broken Arrow. At this writing, I believe there were only a few morning slots left. To ensure a spot, contact Kim Zehender at Kimberly.zehender@halliburton.com or 918-587-3117. The Committee Chair for the Golf Tournament is Nathan Nitchals. He has done a fantastic job getting this put together. Thank you Nathan!

Finally, we do not want to forget about the upcoming 19th Annual Sporting Clays Classic to be held Friday, October 24th at Longshot Ranch in Skiatook. Please contact Janet Black to confirm available openings at janet.black@halliburton.com or 918-978-4187. The Committee Chair for the Sporting Clays Tournament is Mark Carr. He too is doing a fantastic job putting this event together. Thank you Mark!

SPE Mid-Continent Newsletter Sponsors

CRS Proppants 8
KWB Oil Property Management 7
Lee Keeling & Associates 2
Momentive 8
Schlumberger Tulsa 10
SPE Bookstore 11
Summit ESP 5
Ulterra 9



LEE KEELING
& ASSOCIATES

Petroleum Engineers & Geologists

Tulsa
(918) 587-5521

www.lkaengineers.com
email: contact@lkaengineers.com

From Your Editor

Betty Felber, 2014-2015 Editor

Welcome back!

Our General Chair for the 2016 IOR Symposium has been chosen. It is Michael Wiggins, Executive Vice President of Mid-Con Energy. Thank you Mike for accepting this very large task.

Hurry on out to the Renaissance Hotel for our 1st Section luncheon—September 10th. Our speaker is SPE Distinguished Lecturer—Brian Toelle. The topic is shale gas seismic interpretation. Hope to see you there.

Your Editor,
Betty Felber



Calendar of Events

Wednesday, September 10, 2014 - Renaissance Hotel

- Luncheon Meeting, DBrian E. Toelle, Schlumberger, ***Distinguished Lecturer***, "Shale Sweet Spot Detection with Surface Seis"

Thursday, October 23, 2014 - Tulsa Country Club

- Luncheon Meeting, Mike Perri, Blue Spark Energy, "An Alternate Method of Reducing Skin in Oil and Gas Wells"

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

19th Annual Sporting Clays Classic

Sign Up Now

Friday, October 24, 2014
Longshot Ranch, Skiatook, OK
Registration deadline is October 17th
Eye & Ear Protection Required for All Shooters

The Mid-Continent SPE is pleased to announce the 19th Annual Sporting Clays Classic. This year the Classic will be held on Friday, October 24th at Longshot Ranch. The morning group will begin at **9:00 AM** and the afternoon group will begin at **1:00 PM** (Check in 30 min prior to start).

Entry fee will be $240 per shooter or $1200 per 5-man team (Cart included in entry). Payment options include Check or Credit Card (Please note that we are unable to accept credit cards the day of the event).

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 ¾", #9, #8 or #7 ½ 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 occur during your round and winners will be posted on the bulletin board.

*****NOTE***** **Carts are included in the entry fee. We will have 22 six man shuttles and the remainder will be four man carts. The shuttles will be given to the first 22 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 by email: **markc@kfoc.net**. Entry forms and sponsorship details are available on the Section website at **www.spemc.org**.

Make Checks Payable to: **Mid-Continent SPE Sporting Clays**
Mail Checks & Entry to: Halliburton
1 West 3rd Street, Suite 1400
Williams Tower 1
Tulsa, OK 74103
Attn: **Janet Black**
Phone: 918-978-4187
Email: **Janet.Black@Halliburton.com**

Pay by Credit Card:* **http://spemcsportingclays2014.eventbrite.com**
(Not available day of event) Mail or email completed entry form to address above. ***Please contact Janet Black to confirm available openings for the event PRIOR to submitting your credit card payment.**

Directions to Longshot Ranch: From Tulsa; Take Hwy 75 North to Hwy 20; Go 12 miles West through Skiatook; Turn North on Ranchland Rd; Go 3 miles North to the fork in road; Take the left Fork; Go 2 miles to Longshot Ranch on the North side of road. (**www.longshotranch.com**), *GPS Coordinates: N 36°26.310' W 096°09.705'*

Membership

2014-2015 Membership News

Stay Connected, Renew Your Membership Today!

SPE wants to thank you for being part of our global network of industry professionals who are dedicated to enhancing the technical & professional excellence in the industry. We hope you'll continue to be a part of this diverse, worldwide community. Renew your membership online today at **www.spe.org/renew**.

New August 2014

Name	Company Name
Austin Smith	BakerHughes

Transfers August 2014

Name	Company Name	Transfer From
Michael Smith	Halliburton	Amarillo Petroleum Section



SEPTEMBER 2014

WEDNESDAY, September 10, 2014 - Luncheon Meeting
Location: Renaissance Hotel, 6808 S 107th E Ave, Tulsa, OK 74133
Speaker: Brian E. Toelle, Schlumberger, ***Distinguished Lecturer***
Topic: "Shale Sweet Spot Detection with Surface Seismic"

Register: **http://spemc091014.eventbrite.com**

Description
One of the greatest revolutions in the history of the oil and gas industry has taken place over the past decade. This revolution is the rise of the shale reservoirs. Initially, these shales were developed using statistical drilling methods in which a large number of horizontal boreholes are drilled throughout the play. Until recently, gas prices supported the economics of this approach. Because of their success, an abundance of gas has caused a decrease in gas price and a new economic paradigm has emerged: shale sweet spot drilling. Sweet spots result from certain geologic conditions, such as increased matrix porosity or total organic content, increased microfractures, and areas with increased brittleness. These reservoir characteristics affect the physical rock properties that, in turn, affect a passing seismic signal. The ability to locate these sweet spots before drilling significantly affects the economics associated with these plays.

Speaker
Brian E. Toelle
Brian E. Toelle is an adjunct assistant professor at West Virginia University and an adviser in exploration and geophysics at Schlumberger. He holds BS, MS, and PhD degrees in geology and has worked in the oil and gas industry for more than 33 years. Toelle has authored or coauthored 47 professional papers, posters, and presentations and has received Saudi Aramco's Exploration Professional of the Year Award and the Performed by Schlumberger Award.

OCTOBER 2014

THURSDAY, October 23, 2014 - Luncheon Meeting
Location: Tulsa Country Club, 701 North Union Avenue, Tulsa, OK 74127
Speaker: Mike Perri, Blue Spark Energy
Topic: "An Alternate Method of Reducing Skin in Oil and Gas Wells"

SPE Mid-Continent luncheon meetings are held at various loactions around the Tulsa area. Please see the location details for each meeting.

SPE Mid-Continent luncheon meetings are held from 11:20-1:00 p.m. unless otherwise noted. To register and pay by credit card, or for reservations to pay at the meeting by cash or check, go to the corresponding link for a luncheon. 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 stop one hour prior to the meeting.

Register: **http://spemc102314.eventbrite.com**

Description

Many wells experience a near-wellbore reduction in permeability at some point in their life that can drastically reduce their production rates. This damage, or "skin", doesn't only occur during production (from material such as scale, fines and organics), but can also occur during the drilling or completion of the well. A new method available to treat these wells is electro-hydraulic stimulation (EHS). EHS tools utilize energy compression to generate thousands of repeatable, high-power pulses on each trip into the well. EHS tools are run on regular wireline cable, with no special power source required. They stimulate the well safely and effectively, using no surface pressure, chemicals or explosives.

Speaker

Mike Perri

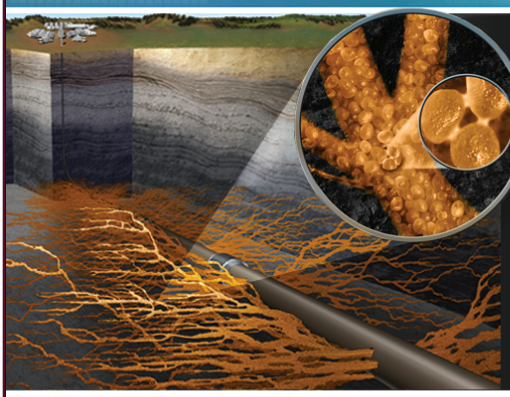
Mike Perri holds a B.Sc. in Mechanical Engineering and has 30 years of experience in the oilfield services industry. Mike worked for Schlumberger for 26 years, starting as a Wireline Field Engineer. He had several other roles there, including training engineer, petrophysicist, and several management positions, including manager of the Data Services department for Canada for several years. His focuses were product development and service delivery, while improving quality and efficiency. With Blue Spark Energy, Mike heads up the Geosciences department, where he helps choose candidate wells for Blue Spark's WASP® stimulation, evaluates the results of stimulations, and helps develop new applications for Blue Spark technology.

KWB Oil Property Management, Inc.

20 East 5th Street
Suite 1100
Tulsa, Oklahoma 74103
Phone: (918) 583-8300

BROWN & ASSOCIATES
Petroleum Engineers & Geologists

Innovative Proppant Technology



OilPlus
PROPPANTS

New OilPlus™ Proppants Provide Enhanced Oil Recovery for Your Well.

E-mail us at oilfield@momentive.com MOMENTIVE

crs
PROPPANTS

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.

ULTERRA™

When Every Run Counts™

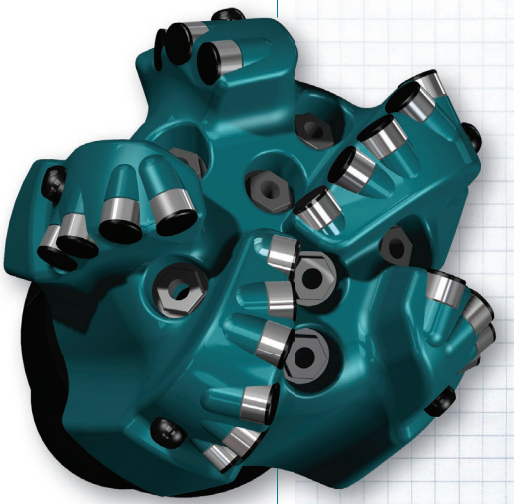
Use lateral forces to fail rock, not your bit.

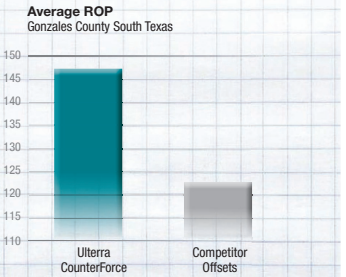
COUNTER FORCE

Ulterra gives you ground-breaking technology that drills longer, faster and more smoothly than any PDC bit on the market today.

- *Reduced torque*
- *Minimized vibration*
- *Higher ROP*
- *Longer bit life*
- *Improved well bores*

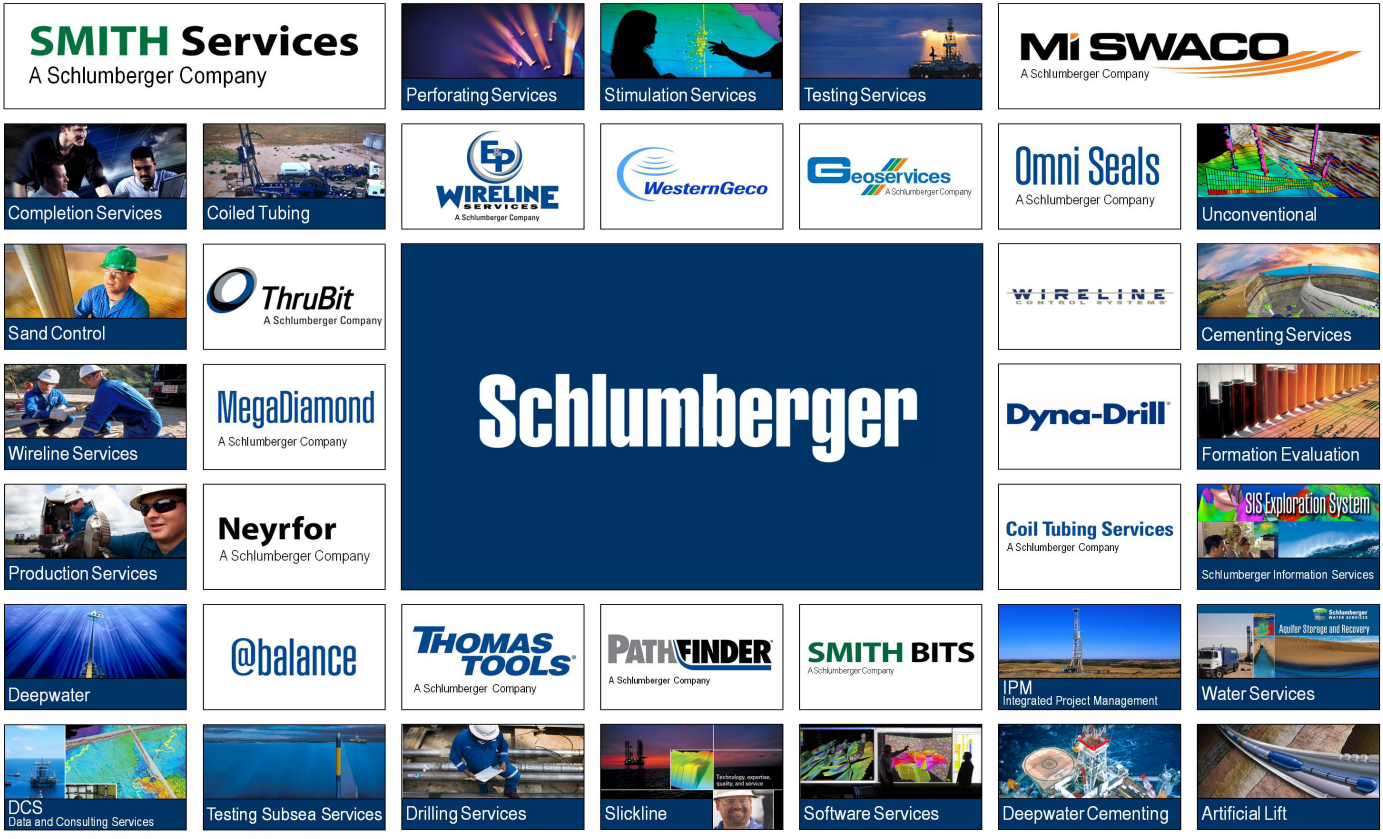
CounterForce™ PDC bit technology employs a novel cutter orientation where all the cutters work as one, providing the stability necessary to rein-in otherwise efficiency-robbing lateral vibration. CounterForce re-directs lateral forces from the bit and into the formation where – for the first time – they actually work to your advantage by failing more rock, more efficiently. The exclusive cutter angle arrangement produces a reliable and durable bit that slices the formation, remaining sharper, longer, while delivering higher penetration rates and saving you the costs of unnecessary trips.





www.ulterra.com | 420 Throckmorton Street | Suite 1110 | Fort Worth, Texas 76102 | +1 817 293 7555

© Copyright 1998-2013 Ulterra | All Rights Reserved. | Ulterra is a registered trademark of Ulterra.


SMITH Services
A Schlumberger Company
Perforating Services
Stimulation Services
Testing Services
MI SWACO
A Schlumberger Company
Completion Services
Coiled Tubing
WIRELINE SERVICES
A Schlumberger Company
WesternGeco
Geoservices
A Schlumberger Company
Omni Seals
A Schlumberger Company
Unconventional
Sand Control
ThruBit
A Schlumberger Company
Schlumberger
WIRELINE
CONTROL SYSTEMS
Cementing Services
Wireline Services
MegaDiamond
A Schlumberger Company
Dyna-Drill
Formation Evaluation
Production Services
Neyrfor
A Schlumberger Company
Coil Tubing Services
A Schlumberger Company
SIS Exploration System
Schlumberger Information Services
Deepwater
@balance
THOMAS TOOLS
A Schlumberger Company
PATHFINDER
A Schlumberger Company
SMITH BITS
A Schlumberger Company
IPM
Integrated Project Management
Aquifer Storage and Recovery
Water Services
DCS
Data and Consulting Services
Testing Subsea Services
Drilling Services
Slickline
Software Services
Deepwater Cementing
Artificial Lift

SPE Bookstore
www.spe.org/store



SPE's digital books use Adobe® Digital Editions and can operate on up to six devices.

Digital Books Now Available Online

The SPE Bookstore now features books in digital format. Many titles are available for quick download, saving you time and shipping fees.

Browse available titles at www.spe.org/store.

Society of Petroleum Engineers

"My favourite poem is the one that starts 'Thirty days hath September' because it actually tells you something"

– Groucho Marx, Comedian

SPE Monthly Bulletin No. 405
Issue Date: September 1, 2014

Society of Petroleum Engineers, Inc. (SPE)
P.O. Box 575
Tulsa, OK 74101-0575