

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



Society of Petroleum Engineers Denver Section

Dear ,

It has been a pleasure to serve as your newsletter editor for the past two years. As I am transitioning to the secretary role for the Denver section, I am happy to announce Kelly Wilson will be taking over as the Newsletter Editor for the section. You will be in great hands, and we are planning for some exciting changes to our section this year.

Julianna Sipeki

Secretary

Hi,

First, I look forward to meeting all of you. I am new to the SPE Denver Section and am jumping right in to taking over the Newsletter. I'm working with Julianna to transfer all the knowledge she has on the newsletter so she can be freed up to work on new projects.

Please let me, or anybody else on the SPE board, know if you have any questions, comments, critiques, or new ideas for how we are doing things. You can send us an email, come talk to us at the general meetings, study groups, or even if you run into us. In case you don't know, we have a [facebook page up and running for SPE Denver](#). We are in the process of setting up communication through other social media.

Cheers,

Kelly Wilson

Newsletter Editor

November 4, 2013

General Meeting

Topic: **Pore Scale Physics of Hydrocarbon Flow in Shale and Tight Sand Reservoirs**

Speaker: H. Kazemi, Professor, Colorado School of Mines

Date: Wednesday, November 20th

Time: 11:30am - 1:00pm

Place: Denver Athletic Club, 4th Floor -- 1325 Glenarm Place, Denver, 80202

Register: [Click Here](#)-- by Noon Monday, November 18th

In the last decade research activity and engineering analysis of oil and gas production from shale reservoirs have shed a new light on pore scale physics of flow in low permeability reservoirs. In this talk we will present laboratory and field data to explain the mechanism of hydrocarbon production from both shale and tight sand reservoirs. This information is important in assessing the prospect of improving oil and gas recovery from such low-permeability reservoirs.

Biography

Table of Contents

In this Issue...

- [Welcome](#)
- [General Meeting](#)
- [SPE Golf Tournament](#)
- [SPE CSM Golf Tournament](#)
- [Completions Study Group](#)
- [YP - Events](#)
- [Continuing Education](#)
- [DGS/SPE Holiday Social](#)
- [DGS/SPE Holiday Social](#)
- [Volunteer Opportunities](#)

Continuing Education

Jan 28-29, 2014

Hossein Kazemi is the Chesebro' Distinguished Professor of Petroleum Engineering at Colorado School of Mines (CSM) and Co-director of Marathon Center of Excellence for Reservoir Studies (MCERS). He received B.S. and Ph.D. degrees in petroleum engineering from the University of Texas at Austin. Kazemi is a member of the National Academy of Engineering (NAE) and a Distinguished and an Honorary Member of the Society of Petroleum Engineers (SPE). He retired from Marathon Oil Company in 2001 after serving as the Director of Production Research, Manager of Reservoir Technology, and Executive Technical Fellow. At CSM he teaches graduate courses and supervises research in reservoir modeling, well testing, and improved oil and gas recovery processes.

Event Update

SPE Golf Tournament Raises \$55,000 for Scholarship Fund

Thanks to the generosity of the companies listed below and the support of the many golfers, the 2013 SPE Golf Tournament was able to make a donation of \$55,000 to the SPE Scholarship Fund. Next year's tournament will once again be held at The Ridge at Castle Pines North and is scheduled for July 31st & August 1, 2014. On behalf of the Tournament Committee, thank you so much for your wonderful support of this very worthwhile event. We look forward to seeing you on the course!

PLATINUM

National-Oilwell Varco

Noble Energy

Pioneer Natural Resources

FOOD SPONSORS

Balon Valves	Cameron
Halliburton Energy Services	Sanjel

HOLE SPONSORS

Oil States Energy Services	StreamFlo
----------------------------	-----------

GOLD

Baker Hughes, Inc.	Basic Energy Services
Calfrac Well Services Corp.	Castle Rock Resources
CESI Chemical	EnCana Oil & Gas (USA) Inc.
Energy IV	EOG Resources, Inc.
FMC Technologies	Liberty Oilfield Services
Patterson UTI Drilling Co	Savant Alaska
TIORCO, Inc.	Ultra Petroleum
Weatherford	

SILVER

Bell Supply Company	Black Diamond Minerals
Caerus Oil & Gas	Energy Navigator
Ensign Energy Services	EXPRO America's
Ferus Corp	Garrett Elsener

Oil and Gas Reserves: The SEC Reporting Rules

Save the Date:

DGS/SPE Holiday Social

Dec 12th, 4:30-6:30pm

Marlowe's, free drinks and appetizers

Save The Date:

SPE Racquetball Tournament

Feb 21, 2014

SPE Denver needs your help with the following volunteer positions:

- Drilling Study Group Chair
- Website Committee
- Study Group Committee
- Awards Committee
- Community Outreach Committee

Please [email us](#) if you would like to volunteer for any of these positions!

Welcome New SPE Members:

- Kyle Biega
- Joseph Wellington Bowens
- Judy Busby
- Ryan W. Crafton
- James E. Densmore Jr.
- Kirk Michael Fiscus
- Hannah J Franka
- Jennifer Hornemann
- Barbara Frey Keusch
- Susan Krofft
- Ildiko I Langaker
- Kyle Lindsay
- Paul Mansur
- Bryan Mays
- Mark Palmer
- Clark Dewey Parrott
- Salathiel Reyes
- Taylor Ryan Reynolds
- Hobert Dewayne Rufin
- Marie Schmidt
- Kyle Scott
- Kevin Shaw

Key Energy Services
 Meagher Oil & Gas Properties
 Premier Pipe
 Sabine Pipe
 Sequel Energy, LLC
 TAM International
 Triangle Petroleum
 Weir Oil & Gas

Magellan
 MHA Petroleum Consultants
 Redneck Pipe Rental
 Sam Gary Jr. & Associates
 Stallion Oilfield Services
 Tervita
 US Steel
 Zeco Solids

Nathan James Skinner
 Linda M Smith
 Brian Toelle
 Jennifer Utsey
 Kelly Wilson
 Mi Zhou

Bronze

Anadarko
 BASF
 Command Energy Services
 Enerplus
 JD Rush
 Leed Fabrication Co.
 Nabors Completions
 Perm LLC
 Saint-Gobain Proppants
 Schneider Energy Consulting
 Select Energy Services
 Spartan Energy Tubulars

Anschutz Exploration Company
 Black Hills E&P
 Cutters Wireline Group
 Imery's
 Knight Oil Tools
 Legend Energy Services
 Pan Meridian Tubulars
 ProTechnics
 Schlumberger
 Scientific Drilling International
 SFC Energy Partners
 V&M USA Corp

Welcome SPE Members Transferring to Denver:

Michelle L Burnham
 Jeffrey Richard Corwith
 Susan Krofft
 Adam Lowell Larsen
 Craig James McMillin
 John B Sackett
 Matthew Todd Thompson

SPE Student Chapter Held 6th Annual Golf Tournament

The Colorado School of Mines' SPE Student Chapter held their 6th Annual Golf Tournament Fundraiser on October 25th at the Fossil Trace Golf Club. SPE Students and industry professionals were able to interact and bond while enjoying a round followed by a BBQ reception. The winning team consisted of Erich Kerr, Taylor Jeski, Michael Lee, and Jordan Arndt with a score of 18 under par!

This year's funds from the tournament will go towards our students' trip to SPE's 2014 Annual Technical Conference and Exhibition, which will be held in Amsterdam, The Netherlands. Finally, a special thanks goes to Sara Heskin and Will Stevenson, the CSM SPE Fundraising Chairs, for doing such a phenomenal job organizing the event this year. CSM's SPE Chapter looks forward to seeing everybody again next year!

Hole Sponsors

WPX Energy
 Baker Hughes

Forest Oil
 MHA Petroleum

Other Sponsors

EOG Resources
 Prima
 Anadarko
 Whiting Petroleum

Lewis Bess
 Newfield Exploration
 VAL



XTO Energy's team, which consisted of Clay Schlottmann, Slade Downing, Ethan Blodgett (SPE Student Member), and Romeo Perez (pictured left to right), enjoying their round of golf.

Completions and Production Study Group

Topic: Economic Optimization of Horizontal Wells in Unconventional Reservoirs

Speaker: Robert D. Barree, Ph.D., P. E., President at Barree & Associates

Date: Monday, November 18th

Time: 11:30am - 1:00pm

Location: Halliburton, 1125 17th St., Suite 1900, Denver

RSVP: by Friday, November 15th, Wendell Salas @ Wendell.Salas@halliburton.com

Extrapolation of conventional paradigms to unconventional reservoirs can lead to disappointment and poor performance. Careful analysis of the reservoir and application of the correct stimulation design is critical when dealing with marginally economic developments. This includes adequate characterization of the reservoir and an understanding of the factors that control flow capacity and deliverability.

One of the biggest practical problems with unconventional stimulation design optimization is estimating post-frac rate, production decline and ultimate recovery. Without a realistic prediction of the decline resulting from a given completion it is impossible to assign value to one design over another and equally impossible to optimize the treatment for whichever goal is sought, either acceleration of recovery or increase in reserves.

It is often the first – inadequate reservoir characterization – that leads to the second – unrealistic post-treatment predictions. For instance, assuming core-derived permeability fully represents the reservoir's total flow capacity or that stimulated reservoir volumes represent the effective producing volumes, can lead to incorrect diagnosis of the reservoir capability and consequently, lead to an inefficient treatment design.

This talk presents methods for production forecasting that give reasonable post-treatment predictions that have been found useful

for economic planning. The proposed methodology, backed by field observations and laboratory work, provides an economically viable plan for optimizing lateral length, fracture spacing, and treatment design.

Biography

Robert D. Barree is president and principal investigator of Barree & Associates, a consulting firm specializing in stimulation and well performance optimization. He has been involved in the development of hydraulic fracture technology since 1980 and is the primary author of the fully three-dimensional hydraulic fracture simulator GOHFER. Dr. Barree is also the author of more than fifty technical publications and has served as SPE Distinguished Lecturer on the topic of new philosophies in hydraulic fracturing. He is a registered Professional Engineer and holds a B.S. degree in Petroleum Engineering from the Pennsylvania State University and Ph.D. from Colorado School of Mines.

Young Professionals

LUNCH AND LEARN

Horizontal Drilling, Well Control, and the Colorado Flood

Speaker: TBD
Date: Wednesday, November 13th
Time: 11:30am-1:00pm
Location: Sanjel Office, 511 16th Street, Suite 300, Denver
RSVP: Anne Becker @ abecker@petro-fs.com

HAPPY HOUR

Date: Wednesday, November 13th
Time: 4:30pm
Location: Rockbottom Brewery - back room, 1001 16th St, #100

SPEAKERS WANTED!!

Please send along the Speaker Name / Contact Information and proposed topic, and we will touch base right away. Thanks for your interest!

Sincerely,

[Anne and Kyle](#)

SPE – YP Denver Chapter, Technical Programs, Lunch & Learns

Membership Report

Denver Section Membership- As of October 16, 2013

During the months from September to October our section saw a net gain of 51 members. At the beginning of October, we had a total of 2724 full members, of whom 845 are designated as Young Professionals (31.0% of total). As of the beginning of October, we had 386 student members. At the beginning of October 2012, our full member count was 2452 (increase of 11.1% YOY) and our student member count was 342 (increase of 12.9% YOY).

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.

