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November 5, 2019

GENERAL MEETING

Distinguished Lecturer - Thriving in a Lower for Longer Environment Mary Van Domelen, Well Data Labs

📍 Denver Athletic Club

📅 Wednesday, November 20, 2019, 11:30 AM - 1:00 PM

Early-bird registration deadline: November 18 at 5:00 PM

Tickets:

Members	\$30
Non-Members	\$35
Walk-Ins	\$45

[Register Now](#)



Abstract:

When the price of oil plunged in 2014, industry analysts predicted that shale plays would be shutdown as they would no longer be economical. In reality, the North America shale industry did not just survive, it thrived. How?

SPE DISTINGUISHED LECTURER™

The most successful companies responded by exercising capital discipline and effectively managing their resources. As a result, breakeven prices for the key unconventional plays were decreased by 40-60%. Reduction of service pricing alone cannot account for the improvement in profitability relative to oil price. What other factors contributed?

This presentation captures the key lessons learned. The organizational, operational, and technological advancements which allowed the shale industry to continue to thrive in a “lower for longer” price environment are illustrated through case histories. Geologists worked to identify each play’s core, while companies evolved from delineation to full field development. The synergistic effect of combining new technology with operational efficiency is illustrated by the ability to drill longer laterals with significant decreases in drill days. Completion optimization, fueled by the use of big data analytics, resulted in drastic increases in EUR allowing expansion of the core in many plays. Improvements in artificial lift technologies accelerated early time production, significantly increasing the net present value of capital employed. Throughout all these processes, cooperative relationships between the service sector and E&P companies was imperative to the continued success of the industry.

Can the lessons learned by the shale industry be applied in the global setting? Absolutely.



Biography: Mary Van Domelen holds a BS in Chemical Engineering from the University of Oklahoma. She is a licensed Professional Engineer and a SPE Certified Petroleum Engineer with over 35 years of experience. Mary started her career with Halliburton in research and operations roles based in the USA, Europe, Africa, and Middle East. She has held engineer advisor and management roles with innovative E&P companies such as Maersk Oil, Chesapeake, and Continental Resources. Her experience includes horizontal drilling and completion operations in multiple basins. She has co-authored more than 30 papers and holds several patents. Mary was a 2015-2016 SPE

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Distinguished Lecturer and was the 2016 SPE Mid-Continent North America Regional Completions Optimization and Technology

YOUNG PROFESSIONALS

Lunch & Learn - Energy in 2020. A live #hottakeoftheday

David Ramsden-Wood, COO, Franklin Mountain Energy

📍 Liberty Oilfield Services, 950 17th St Suite 2400, Denver, CO 80202

📅 November 6, 2019, 11:30 AM - 1:00 PM

Lunch will be provided

[Register Now](#)

Abstract:

A Random Walk Down Oil Street"- a review of 2019, the state of the industry and a look ahead at 2020.

Bio:

Best known for the LinkedIn #hottakeoftheday, David is an executive, entrepreneur, energy industry expert and writer (if I was published - I'd be an author). He is also the DU Jr. Pioneers hockey coach; constant school auction MC; Former US National Squash player and current scratch golfer (yes, available for tournament invites).

YP Happy Hour

📍 Wynkoop Brewery, 1634 18th St, Denver, CO 80202

📅 November 6, 2019, 4:30 PM - 6:00 PM

Join us for a drink and appetizers to catch up and network with friends and colleagues.

COMMUNITY OUTREACH



SPE Needs volunteers for multiple opportunities in October and November. We need your help:

We need your help with Energy4Me presentations to local elementary schools.

We also need your help serving local high-school STEM classes.

Please step forward and help out students in Aurora, Broomfield, Denver, Stedman, and Littleton with your time and experience. These opportunities give our community a chance to give back to our neighbors, to help recruit and groom the next generation of engineers. Most importantly, this gives SPE an opportunity to define the narrative with which our communities will perceive us as an organization and an industry.

Please use this [link](#) to sign up for one or more of our volunteer activities.

SPE Community Outreach | Hinkley High School Aurora, CO**Date:** November 8th 2019, February 7th 2020, and April 24th 2020**Time:** 1:20 pm – 2:20 pm**Location:** Hinkley High School | 1250 Chambers Rd | Aurora, CO 80011**Free****Ticket Limit:** 5 per class period**Description:**

Help guide and mentor a class of approximately 30 graduating High School senior STEM students with their senior design projects. This is a commitment of 1 hour on multiple days over coming months

From 1:20-2:20 11/08/2019, Meet the student teams, hear their proposed problem statements, ideas, and help provide guidance for proposed project

From 1:20-2:20 02/07/2020, Intermediate check-up on project progress. Revisit the student teams and verify progress. Provide feedback to students on progress.

From 01:20-2:20 04/24/2020, Final project presentation. Revisit the student teams and view final presentations. Provide professional feedback to students on their projects & presentations.

Sign up [here!](#)

SPE Community Outreach | Legacy High School Broomfield, CO**Date:** November 14th 2019**Time:** 8 am – 9 am, 10am – 11 am, and 1:30 pm – 2:30 pm**Location:** Legacy High School | 2701 W 136th Ave | Broomfield, CO 80023**Free****Ticket Limit:** 5 per class period**Description:**

Speak to a class of approximately 30 High School STEM students: Describe your career experience as an engineer. Why you chose the field you did? What you have done with it? Where it has taken you? What it has done for you? What made you fall in love with it? What would you do differently?

Sign up [here!](#)

Do you want to teach young students about energy, serve breakfast at the Denver Rescue Mission, or judge science fairs? Join other SPE members in giving back to our community! If you want to learn more about SPE's outreach activities, please contact Community Outreach Chair, Davis Scott.

daviswsd@gmail.com

Become a Sponsor!

SPONSORSHIP OPPORTUNITIES



The Denver Section of SPE is seeking sponsors for its 2019-2020 Calendar Year. Last year our section gave out over 50K in scholarships and participated in hundreds of hours of community support for those in need and those curious about our industry. We appreciate any and all interest in supporting the Section with charitable donations and have put together the following benefits table to outline the value of sponsorship at different levels. Should your charitable hopes not fall within this framework, let us know and we can find a way to make the donation equal value for your organization. Sponsorship Chair - Cliff Price @ 580.339.0038

	PRESENTING \$10,000	PLATINUM \$7,500	GOLD \$5,000	SILVER \$4,000	BRONZE \$2,000
General Meeting held Monthly					
Presenting Sponsor (5 of 8 luncheons)	•				
Sponsor (8)		•	•	•	
Events					
Study Group Presenting Sponsor (min of 4)	•				
Study Group Sponsor (4)		•			
Continuing Education (2)	•	•	•		
Education Track (2)	•	•	•	•	
Evening Event (2)	•	•	•	•	•
Young Professionals					
YP Lunch & Learn Presenting Sponsor (5 of 8)	•				
YP Lunch & Learn Sponsor (8)		•	•	•	
YP Happy Hour (8)	•	•	•	•	•
Sports					
Tennis/Racquetball/Golf Platinum	•	•			
Tennis/Racquetball/Golf Gold			•		
Tennis/Racquetball/Golf Silver				•	
Tennis/Racquetball/Golf Bronze					•
Advertising					
Newsletter Monthly Sponsor (5 of 8)	•				
Acknowledgement on Website Sponsorship Banner	•	•	•	•	•
Facebook/Twitter/LinkedIn Post	•	•	•	•	•
Unlimited Online Job Postings	•	•	•	•	•
Branded drinkware (socials) and writing materials (presentations) allowed (items provided by sponsor)	•	•	•		

Presenting Sponsors of the Section or an Event are given the opportunity to introduce the event and encouraged to display marketing material on a table(s) at the event.

Nominate a SPE Member!

KNOW SOMEONE AWESOME?

SPE Award Nominations are now open!

Regional & International Awards for:

Technical contributions • Professional excellence • Career achievement •
Service to colleagues • Industry leadership • Public service

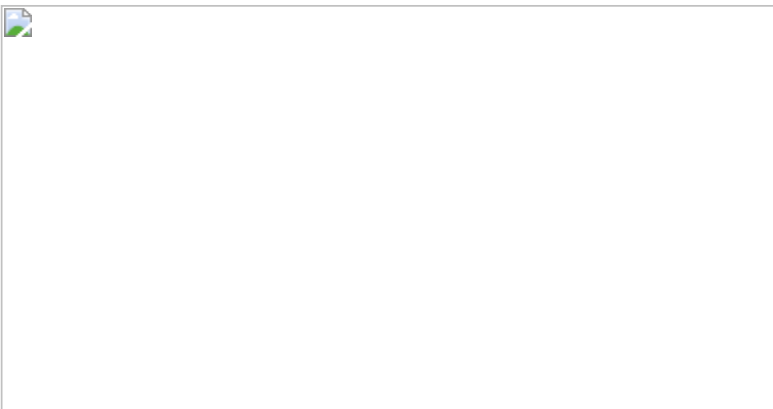
Please visit <https://www.spe.org/awards/> today!

SPE Golf Tournament Results

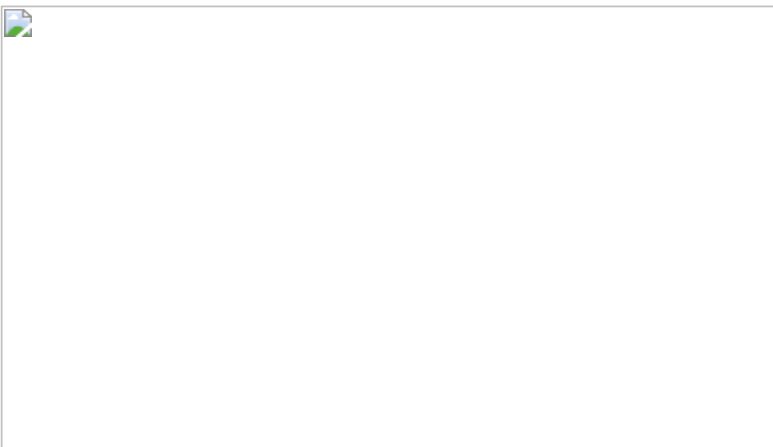
A big thank you to all of the sponsors and participants for this year's 2019 SPE Golf Tournament. The tournament was held August 8th & 9th at The Ridge at Castle Pines.

Through the generosity and support of this year's sponsors listed below, the tournament generated \$60,000 in donations!

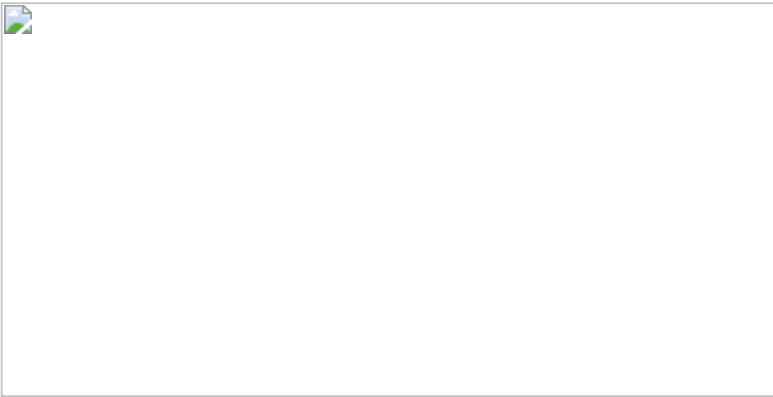
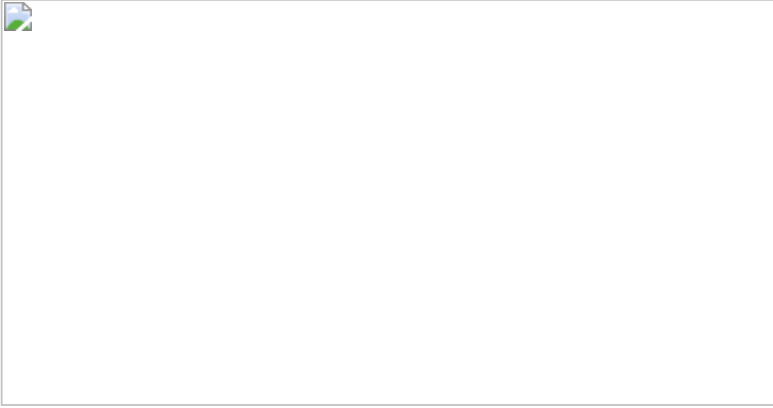
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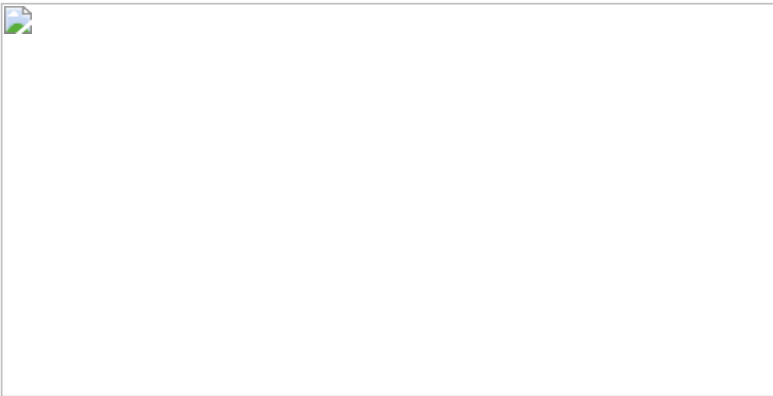
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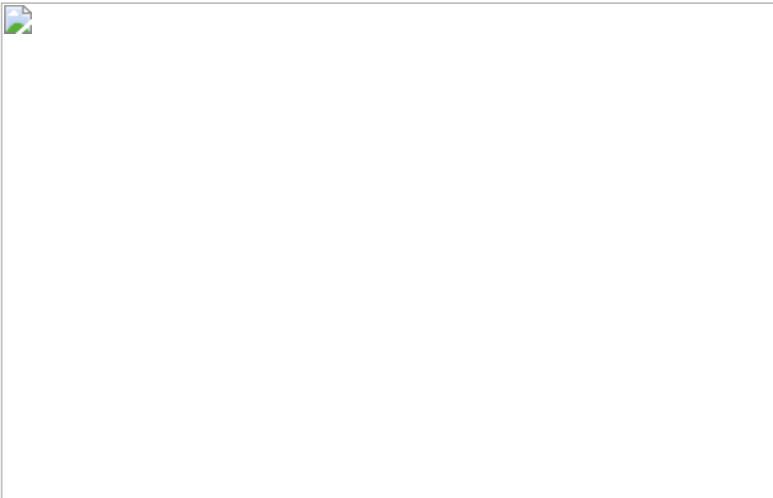
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FOOD SPONSORS



Thank you to all who participated and look forward to seeing you again next year.

Best Regards,

Jeff Villalobos

SPE Golf Committee Chairman

PARTNER EVENT - SPE Permian Basin

STIMULATING CONVERSATIONS BETWEEN THE FIELD AND OFFICE FOR 25 YEARS

Co-Hosted by the SPE Permian Basin Section



- Carbon Management: New Thinking
- CO₂ Flood Field Trip to SACROC
- Natural Transmissive Fracture Short Course
- US and International CO₂ EOR Case Histories
- Cyclic Gas Injection (Data Rich) Session
- 650 Well Horizontal Play Update

DECEMBER 9-13, 2019

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