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January 6, 2020

SPRING 2020 JACK ENGLAND PASS

General Meeting Admittance for January, February, March and May 2020

[Register Now](#)

Denver SPE Members who would like to pre-pay for the Spring 2020 General Meeting lineup may now do so through the purchase of a Jack England Pass.

This \$130 pass represents a discount below normal admission rate and provides access to the January, February, March, May General Meetings and the Joint Session meeting on April 2020. If a pass holder is unable to attend a pre-paid meeting, they can transfer the pass to another member by contacting denversection@spemail.org

Registration Ends January 20, 2020, at 5:00 PM. Register Now!

GENERAL MEETING

2020 INDUSTRY TRENDS/UPDATE

Bernadette Johnson, Vice President of Strategic Analytics, Enverus (DrillingInfo)

Denver Athletic Club

Wednesday, January 22, 2020, 11:30 AM - 1:00 PM

Early-bird registration deadline: January 20 at 2:00 PM

Tickets:

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

[Register Now](#)

Abstract:

This presentation will explore the Trends to Watch in 2020 that will drive prices natural gas, crude, and natural gas liquids. Specific

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topics will include sanctions, trade wars, global economic concerns, US production growth and exports, changing technologies, the growth of renewables, spacing dynamics, and the push towards capital discipline.



Biography:

Bernadette Johnson serves as Vice President, Strategic Analytics for Enverus (DrillingInfo) and is responsible for helping to grow and expand Enverus' analytics offerings. She joined the company through the acquisition of products and services from Ponderosa Advisors. With over 11 years' experience in the energy industry, Bernadette has earned the reputation of an industry expert with extensive experience providing crude, natural gas, and NGL fundamentals analysis and advisory services to various players in the North American and global energy markets. A regular commentator for and speaker to the energy industry, her specific market expertise spans financial trading, production forecasts, demand forecasts by sector, infrastructure analysis, midstream analysis, storage value analysis, and price forecasts. Prior to joining Ponderosa, and now DI, Bernadette was Senior Research Analyst for Sasco Energy Partners in Westport, CT where she provided analytics and research support for a team of financial traders active in natural gas, power and oil futures markets. Bernadette began her career with BENTEK Energy, LLC as a Senior Energy Analyst, Natural Gas Market Fundamentals and consulting project team lead. In addition to her current role at Drilling Info, Bernadette remains a partner and shareholder in Ponderosa Advisors' remaining businesses.

Bernadette holds an MS Degree in International Political Economy of Resources and a BS Degree in Economics, from the Colorado School of Mines.

COMPLETION STUDY GROUP

Potential Issues with Extreme Limited Entry in Horizontal Wells

Dr. Robert D. Barree, Halliburton Technology Fellow, Production Enhancement.

📍 Halliburton Training Room, 1125 17th Street, Suite 1900, Denver 80202

📅 Tuesday, January 28th, 2020, 11:30 AM - 1:00 PM

[Register Now](#)

Abstract:

Many operators are moving to high cluster-counts and extreme limited entry treatments to improve diversion and stimulation coverage. When successful, extreme limited-entry treatments can allow completion of increased stage lengths, reducing the total number of pumping stages needed to complete a horizontal well,

and reducing completion time and cost. There is a common perception that, with sufficient perforation restriction, constant differential pressure and injection rate can be maintained through all the perforation clusters in a stage, causing equal injected fluid volume and created fracture length in each cluster. There are several factors that can defeat this assumption, making it much more difficult, if not impossible, to maintain uniform injection throughout a treatment.

The talk discusses several mechanisms that affect the success of any limited-entry, multi-cluster, horizontal well stimulation design. Some of these mechanisms, such as perforation erosion, have been discussed before for simplified cases with single holes and constant backpressure. The effects of variation in entry-hole diameter among multiple perforations in a stage or cluster have not previously been addressed. Other factors, including fracture stress interference and associated poroelastic effects that change the backpressure outside the perforations, have largely been ignored. Understanding the interaction of all the mechanisms that control perforation breakdown and flow diversion will help to arrive at a practical design methodology for extending stage length and assuring effective stimulation.

Instructor:

Dr. Robert D. Barree is a Halliburton Technology Fellow, specializing in hydraulic fracture design and simulation. He was president of Barree & Associates' consulting firm from 2000-2018. Previously Dr. Barree was a Senior Technical Consultant at Marathon's Petroleum Technology Center, where he developed extensive expertise in the areas of well completion, stimulation, numerical simulation, special core analysis, formation damage, rock mechanics, and equipment design. He has been involved in the development of hydraulic fracture design simulators and fracture diagnostic procedures since 1980 and is the primary author of the fully three-dimensional hydraulic fracture simulator GOHFER.





Dr. Barree is the author of more than seventy technical publications. The SPE/AIME awarded Dr. Barree the Anthony F. Lucas Gold Medal in 2018 and appointed him an SPE Distinguished Member. The Rocky Mountain North America Section of SPE presented him with the Drilling and Completions Award In 2006, and the Completions Optimization and Technology Award in 2017. The Denver Section of SPE presented Dr. Barree with the Henry Mattson Technical Achievement Award in 1995. He served as SPE Distinguished Lecturer on the topic of New Philosophies in Hydraulic Fracturing, 1999-2000. Dr. Barree is a registered Professional Engineer in the State of Colorado and holds degrees in Petroleum Engineering from the Pennsylvania State University (B.S.) and Colorado School of Mines (Ph.D.).

YOUNG PROFESSIONALS

Lunch & Learn - Applications of Composite Pipe in Wellsite Applications

Dan Isely & Al Conroy, TS&M Supply, Business Development.

 Liberty Oilfield Services 950 17th Street #24, Denver, CO 80202
 January 8th, 2020, 11:30 AM - 1:00 PM
Lunch will be provided

Register Now

Abstract:



No matter the reservoir, petroleum production requires the challenge of transportation of corrosive fluids. Traditionally, the industry has relied on corrosive materials like steel to transport these fluids. An alternative solution uses new composite technology with applications from flow lines to tubing. We will take a look at how composite pipe can strategically effect well cycle efficiency, production downtime and workover costs during the lifetime of the well. We will also take a look at technical specs of newer composite pipe technology, strengths and weaknesses compared to traditional steel, and review some case studies.

Biography:

Dan Isely the Director of Business Development for TS&M, with responsibility for managing Corporate and Field sales in PVF, ALS and Composite Piping Systems. His role has expanded over his 12 years with the company from Fiberglass Account Manager tasked with growing the brand through a focused sales effort, then to Corporate Sales Manager, North American Sales Manager to Director of all sales for TS&M.

Al Conroy the Business Development Manager for TS & M, with responsibility for the development of sales and service in the USA. Al has been with TS & M for 18 months and his role has expanded from the Rockies to the lower states of NM, OK, and TX. His 14 years in the Energy Sector has taken him from Africa to Canada and for the past 8 years in Denver.

YP Happy Hour

 Oskar Blues, 1624 Market St, Denver, CO 80202.
 January, 8th, 2020, 4:30 PM - 6:00 PM

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

COMMUNITY OUTREACH

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!

Upcoming Events:



SPE Community Outreach | CEC Early College Denver, CO

Date: January 31st, 2020

Time: 7:30 – 10:00 or 11:35 to 14:00

Location: CEC Early College | 2650 Eliot St. | Denver, CO 80211

Ticket Limit: 5 per Time Block

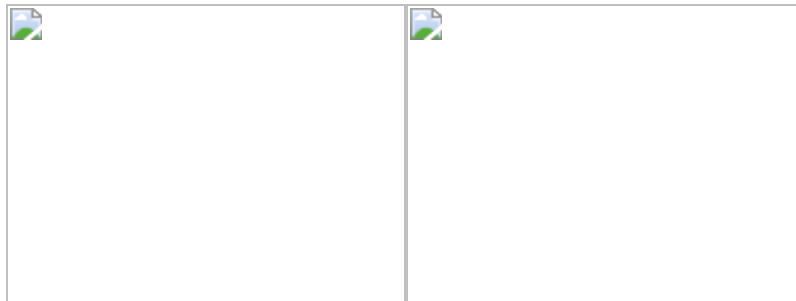
Free

Description:

Volunteer in one of two Time Blocks to classes of approximately 30 High School STEM Students. The early Time Block includes two back-to-back classes of approximately 30 High School STEM students. The mid-day Time Block includes three consecutive classes of about the same size:

Discuss your career experience as an engineer. Why did you choose 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 were your favorite challenges? What would you do differently? (Volunteers are also welcomed to register for and attend both Time Blocks).

[Register Now](#)



SPE Serves Breakfast at the Denver Rescue Mission

Date: January 7th, 2020

Time: 6:30 am -8:30am

Location: Lawrence Street Community Center | 2222 Lawrence Street, Denver, CO 80205

Limit: 15 volunteers

Free

Description:

Please join SPE Denver in their support of the Denver Rescue Mission, a nonprofit organization helping the poor and homeless populations of the Denver area. More than 85% of the services of the Denver Rescue Mission are operated by volunteers, serving people experiencing homelessness and poverty in our community since 1892. Please come and bring friends or family.

[Register Now](#)

SPE Supports Special Olympics at Copper Mountain

Date: February 22nd, 2020

Time: 7:30 am -4:00am

Location: Meeting Location TBD | Copper Mountain Resort, Frisco, CO 80443

Limit: No Limit

Free

Description:

Special Olympics of Colorado will be hosting an Alpine Ski Event for intellectually disabled residents of Colorado on February 22nd (and February 23rd). Come volunteer for Special Olympics with your SPE peers on February 22nd. Last year, volunteers received a complimentary 1-day lift-pass for Copper Mountain (e.g. an additional free day of skiing). Volunteers will also know that their time was spent to make a valued contribution to the community. As an added benefit, this will help SPE build bridges between our industry our Colorado communities, at large. Register with SPE using the link below. We will then register SPE volunteers with Special Olympics as a group.

[Register Now](#)

SPE RACQUETBALL TOURNAMENT



SPE 40TH ANNUAL WINTER TOURNAMENT

When: FEBRUARY 21, 2020, 12:30 PM

Where: Denver Athletic Club

What: Racquetball / Handball

- All skill levels, prizes in each level
- Cost \$35 (\$20 students) *Includes banquet with drinks, food, awards, door prizes.*
- Sponsorships available
- Check out Denver SPE website for signup (<https://denverspe.org/>)

2020 Ski Fast Energy Bash brought to you by DAPL, SPE, and YPE!

📍 Keystone Resort, 100 Dercum Square, Keystone, CO 80435.

📅 March 6-8, 2020

Join us for this event!

[Register Now](#)

Welcome to the annual Energy Industry Ski Trip! This year, SPE, DAPL, AND YPE are partnering up to make a true Energy Industry Ski Bash! We're electrifying the slopes this year with a level of energy and enthusiasm that's more rigorous than a surface use agreement, hotter than 1,700 MMBTU clean, Colorado natural gas, and (you'd better believe it) much more exciting than watching solar panels track the sun on a single axis!

We'll have a ski bus traveling up on Friday, après ski party Friday, and other networking opportunities for the remainder of the weekend (including the now-famous shirtless closing run on Saturday - Snow or Shine).

Registration this year is a-la-carte. You can have a fun ski day on Friday OR stay for the entire weekend! If you plan to ski for all 3 days, make sure to buy 3 lift tickets. The over 30-year tradition of the après ski party on Friday will be hosted at the base of Keystone in Warren Station. Feel free to attend even if you don't ski!

If you don't take the bus up on Friday, then be sure to pick up your lift tickets prior to March 1 from Tabatha at the DAPL offices: 910 16th Street, Suite 223, Denver, Co 80202 (dapl@dapldenver.org).

We have plenty of opportunities to sponsor! Descriptions for each of these options is in the ticket section. If you would like to mail a check instead of registering online (to avoid fees), please email Mark (mark.hinaman@gmail.com; 970-629-0668) at SPE or Courtney Ahuja (courtneyahuja@gmail.com; 214-662-7696) at DAPL.

Registration closes on February 14, 2019 ... don't miss the window!

2020 DISTINGUISHED LECTURER SELECTION - MEMBER SURVEY!

It's time to select our Distinguished Lecturers (DL) for the next SPE season!

The Distinguished Lecturer Program is one of SPE's most popular programs. Each season 30 to 35 experts from the oil and gas industry are selected to share their knowledge on the latest technologies and trends with SPE members.

The purpose of the program is to provide SPE sections with outstanding speakers for section meetings and to recognize the professional contributions of the selected Distinguished Lecturers. The program promotes SPE's mission to collect, disseminate, and exchange technical knowledge.

Please fill out the survey [HERE](#) to help us select who we'd like to host at our General Meetings next season.

SPE AWARD NOMINATIONS

SPE Awards recognize expertise and contributions to the upstream oil and gas industry with awards at the regional and international levels for:

- Technical contributions
- Professional excellence
- Career achievement

- Service to colleagues
- Industry leadership
- Public service

Honor one or more of your colleagues in a category above, if they have been:

- Reliable (supportive in problem solving)
- Inquiring (pertinent and challenging questions)
- Studious (researches for the Best Available Solution)
- Thorough (considers all aspects of the problem and solution)
- Open (open to new ideas and cutting-edge technology)
- Progressive (push the advancement of their own, and other's, knowledge, skill, technical ability)
- Admirable (worthy of honoring for any one or several of the traits above)

Nominate directly [HERE](#).

or email barbganong@gmail.com or Justin.Knappe@gmail.com with your nominee's Name, Employer, Department/Title, and award category

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