

SPE-DENVER NEWSLETTER

SEPTEMBER 2023



LETTER FROM THE CHAIR

Greetings and Welcome Back to our Fall 2023-Spring 2024 Program Year!

I am excited to reconvene this season and our Board of Directors have many great ideas and events planned for the coming season. We have a jam-packed programming schedule this year for both our general meetings and our study groups. Please note that our general meetings will NOT be at DAC anymore. Our programming committee spent the summer evaluating several different options and we are excited about the location change.

Through this year, we will continue to fulfill SPEi's Mission to connect energy professionals to exchange technical knowledge across the energy industry. In addition to our technical programming content, we will continue our phenomenal outreach program with local schools, STEM programs, and our communities. We will continue to engage our membership while welcoming new members with open arms. We are excited to continue to increase our YP events and membership while also continuing to provide scholarships, mentoring, and support for our five affiliated universities: Colorado School of Mines, New Mexico Tech, Montana Tech, University of Wyoming, and University of North Dakota.

I look forward to this upcoming year and I am excited to see you at our many different events. See you at our first general meeting of the season on September 20th!

Best,
Philip Ouellette
2023-2024 SPE Denver Chairman



PHILIP OUELLETTE

Section Chair

GENERAL MEETING - PLEASE NOTE NEW LOCATION!

Assessing the Impact of Oriented Perforations and Frac Plug Performance in the DJ Basin

Location - NEW VENUE

- **Fogo de Chão**
 - 1513 Wynkoop Street, Denver, CO 80202

Date

- Wednesday, September 20th, 2023
 - 11:30 AM – 1:00 PM

Speaker

- Matt Paradeis
 - Senior Completions Engineer, Chevron.

Session Overview

In late-2022, Chevron and DarkVision Technologies teamed up to evaluate the effectiveness of its perforation design using modern, solid-state acoustic imaging technology. The three-well study revealed eye opening information regarding the frac plugs performance, both during the initial setting and during pressure pumping. Furthermore, the expected downstream impacts resulting from these findings were also observed and analyzed.

Sponsor:



**EARLY BIRD REGISTRATION
CLOSES SEPTEMBER 18TH AT 12:00 PM**

REGISTER NOW



Meet our Speakers

Matt Paradeis is a senior completions engineer work for Chevron based in Denver, and primarily focusing on the DJ Basin. After graduating from Missouri University of Science & Technology with a degree in petroleum engineering, he began his career in Houston with Chevron in 2012 working as a rock mechanics specialist focusing on near-wellbore and reservoir scale geomechanics. He's spent 8 years working deepwater assets in the Gulf of Mexico including 3.5 years as a field engineer offshore executing completions and drilling operations. He also has experience as a deepwater drilling engineer, project engineer for a 20,000 psi mobile offshore drilling unit and process safety engineer. He joined the Chevron Rockies Business Unit in July 2022.

SPECIAL ANNOUNCEMENTS

General Meeting Ticket Packages Available for 2023/2024



Interested in purchasing a block of tickets for the general meetings at a discounted price?

Purchase your block of tickets then register using the promo code we send you for any general meeting for the 2023/2024 season!

5 Tickets - \$200
10 Tickets - \$400
20 Tickets - \$800

JACK ENGLAND PASS 2023

Pre-register for Sept/Oct/Nov/Dec 2023 General Meetings for \$160

Registration closes on September 20, 2023
Register at: denverspe.org



Denver Section

RESERVOIR STUDY GROUP - TECHNICAL HAPPY HOUR

Project Phantom - Integrating Physics With Analytics to Optimize Well Performance

Location

- In-person Meeting:
 - Ovintiv 40th Floor
 - 370 17th Street, Denver, CO 80202

Date

- Tuesday, September 26th, 2023
 - 4:00 PM – 6:00 PM

Speaker

- Adam Block, PE
 - Reservoir Engineer, Ovintiv.

Study Group Overview

This project set out to integrate generalized ResFrac simulations with Ovintiv's multivariate regression model to improve the predictivity of future well performance. Through the creation of a new ensemble model, Project Phantom created a tool to better predict oil production in the Midland Basin than either multivariate regression or simulation could independently.

REGISTRATION AVAILABLE UNTIL DAY OF EVENT

[REGISTER NOW](#)

Meet our Speaker



The Project Phantom team consisted of Mark McMclure, Charles Kang, Kerstan Wallace, Cameron Cross, Claudia Molina, and **Adam Block**. Adam will be sharing results from the project on the team's behalf. A native of Cheyenne, Wyoming, Adam received B.S. degrees in Mechanical Engineering and Energy Systems Engineering from the University of Wyoming in 2017, and he is currently pursuing an MBA from the University of Chicago's Booth School of Business. Adam has experience in production, facilities, drilling, development, and reservoir engineering with a more recent focus on data science.

COMMUNITY OUTREACH

SPE Serves Breakfast at the Denver Rescue Mission

DENVER
RESCUE
MISSION



Location

- Lawrence Street Community Center
 - 2222 Lawrence Street, Denver, CO 80205

Date

- Tuesday, September 19th, 2023.
- 6:45 AM – 8:30 AM



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 at the Denver Rescue Mission. 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.

- Please get in touch with community outreach team member [Nico Cosca](#) for more details!

WATCH THIS SPACE FOR ADDITIONAL UPCOMING VOLUNTEER OPPORTUNITIES IN THE DENVER AREA.



SPECIAL ANNOUNCEMENTS



BOARD MEMBERS 2023-24



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Section Chair



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YP Chair



Help us help you!

Click here to fill out our 2023/2024
Membership Survey!

SPECIAL ANNOUNCEMENTS

Sponsorship opportunities available!

	PLATINUM \$5,000	GOLD \$750	SILVER \$500
General Meetings (GM) held Monthly			
8 available GMs within the year cycle	•	•	•
GM Sponsorship Opportunities*			
Exclusive sponsor of the entire yearly program	•		
Exclusive sponsor for single general meeting		•	
Sponsor of a single general meeting (non-exclusive)			•
Benefits			
Company's short adds added to SPE Denver Monthly Newsletter	•		
Acknowledgement on Website (Sponsorship Banner)	•		
2 Attendee Passes Per Session	•		
Option to provide advertisement material at the registration table	•	•	
Company logo on name tags	•	•	
1 Attendee Pass to the GM Being Sponsored		•	•
Facebook / Twitter / LinkedIn Event Posts	•	•	•
Acknowledgement on Website (Event Advertisement)	•	•	•

**All contributions made to our programs are considered charitable contributions for IRS purposes*

CONTACT DENVERSECTION@SPEMAIL.COM FOR MORE INFORMATION!



Denver Section