

# GENERAL MEETING

## Beyond Friction Reduction: Evaluation of Fracturing Fluids for Improved Cluster Efficiency and EOR

### Location

- Rock Bottom Brewery - Downtown Denver
- 1001 16th St Denver, CO 80265

### Date

- Wednesday, January 21st, 2026
  - 11:30 AM – 1:00 PM

### Speaker

- Manuel Diaz, Sr.  
Completions Engineer,  
Ovintiv

**EARLY BIRD REGISTRATION  
CLOSES JANUARY 19TH AT 12:00 PM  
EVENT IS EXPECTED TO SELL OUT**

**REGISTER NOW**

### Session Overview

The fracturing fluids not only plays a pivotal role in near-wellbore stimulation, influencing proppant transport, and cluster efficiency, but is critical to minimizing formation damage and maximizing oil recovery. While friction reduction has traditionally guided fluid selection, this study shifts the focus toward subsurface performance metrics that directly impact hydrocarbon recovery. Ovintiv tested over fifteen friction reducer (FR) products in both fresh and produced water using a comprehensive methodology, including flow loop, regain conductivity, spontaneous imbibition, and emulsion tests, with actual core samples with the main focus on recovery and fluid compatibility. The results highlight the importance of selecting fracture fluids based on their overall impact on formation integrity and hydrocarbon mobilization for EOR, rather than solely on their surface performance. The findings also underscore that not all HVFR products build viscosity effectively, and that fluid viscosity significantly affects cluster formation and proppant distribution. A shift in fracture fluid selection criteria is necessary to optimize long-term well productivity by balancing friction reduction with cluster efficiency, proppant transport, formation compatibility and oil recovery efficiency

### Meet our Speaker



Manuel Diaz is a Senior Completions Engineer with over 25 years of experience in the oil and gas industry, including the last 11 years at Ovintiv. Specializing in hydraulic fracturing and well completions, Manuel has led innovative projects across the TMS, Permian, and the Anadarko basins, consistently delivering operational excellence and capital efficiency. He is recognized for his rigorous approach to frac design, advancing cluster efficiency, driven innovations in frac fluid selection, and implementing cutting-edge diagnostics and technologies to enhance well performance and recovery. Manuel's leadership in multi-well pad operations, frac monitoring, and collaborative knowledge sharing has set new benchmarks in safety, cycle time, and cost reduction. His technical expertise and commitment to continuous improvement have made him a trusted advisor on cross-disciplinary projects to enhance well productivity and capital efficiency.

# SPRING JACK ENGLAND MEMORIAL PASS

**JACK ENGLAND MEMORIAL  
PASS SPRING 2026**  
Pre-register for all four spring General Meetings for \$160

Registration closes on January 21st  
Register at: [denverspe.org](https://denverspe.org)



Denver Section

# TECHNICAL HAPPY HOUR



## TECHNICAL HAPPY HOUR Completions

ABNORMAL FRACTURE PROPAGATION DURING HYDRAULIC FRACTURING  
CAPTURED BY CROSS-WELL STRAIN SENSING MEASUREMENTS

JANUARY 27TH | 4:00 PM – 6:00 PM | LIBERTY ENERGY  
950 17TH STREET, SUITE 2400, DENVER, CO 80202

**DR. GE JIN**

ASSOCIATE PROFESSOR, COLORADO SCHOOL OF MINES

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# UPCOMING RACQUETBALL TOURNAMENT



FRIDAY FEB 20, 2026 @12:30PM

46TH ANNUAL  
RACQUETBALL TOURNAMENT  
AT THE DENVER ATHLETIC CLUB

# COMMUNITY OUTREACH - SPE CARES

## SPE Serves Breakfast at the Denver Rescue Mission



### Location

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

### Date

- Tuesday, January 20th, 2026
  - 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 consider donating your time for a worthy cause. Feel free to bring friends and family to help out.

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

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



## MEMBERSHIP RENEWAL

# RENEW YOUR MEMBERSHIP FOR 2026!

### ADVANTAGES OF MEMBERSHIP:

- ✓ Access to JPT and OnePetro
- ✓ Stay up to date with industry events
- ✓ Enjoyed discounted workshops and publications



**RENEW HERE!**



**MORE INFORMATION**  
[www.spe.org/en/join/renew/](http://www.spe.org/en/join/renew/)

# SPONSORSHIP OPPORTUNITIES



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## Corporate Sponsorships SPE, Denver Section



### PLATINUM

everything in Gold\*, plus:

- 8 General Meeting Sponsorships
- Short Ad in ea. Monthly Newsletter
- 4 GM Attendee Passes

**\$10,000**

\*4 GM passes unique to Platinum tier



### GOLD

everything in Silver, plus:

- Ads at GM registration table
- Company logo on name tags
- 2 GM Attendee Passes

**\$5,000**



### SILVER

Logo on:

- Instagram Event Posts
- LinkedIn Event Posts
- Website Homepage
- 1 Attendee Pass to GM

**\$2,500**

### About Us

As one of the largest SPE chapters internationally, Denver SPE Section enhances the local oil and gas community by hosting technical and networking events to advance industry knowledge, best practices and foster professional connections.

In the last decade, we have awarded \$800,000 in scholarships to support college students pursuing oil and gas careers. Through targeted fundraising, including corporate sponsorships, we are focused on improving Denver's oil & gas community!

### By the Numbers

**Professional** 1,345 members

**Student** 197 members

**Technical** 12 events

**Social & Networking** 18 events

**Social Media** 4,000+ professionals

**Scholarships** \$800,000 awarded



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denverspe.org

# JOIN THE DENVER SECTION!

Need a New Years Resolution? Join SPE Denver and help out the local oil and gas industry.



SPE DENVER SECTION

# NEEDS YOU!

TO GET INVOLVED!



## **VOLUNTEERS NEEDED: COMMUNICATIONS**

- Newsletter

## **COMMUNITY OUTREACH**

- Mentors
- Science Fair Judges
- Science Fair Helpers
- Event Participants

## **MEMBERSHIP**

- Company Champions
- Sponsors
- Participants

**Sign-up Link on Website:**

<https://denverspe.org/all-purpose-help-volunteer/>