

SPE-DENVER NEWSLETTER

SEPT 2022



GENERAL MEETING

Unlocking Unconventional Reservoirs using Magnetic Resonance as the Key

Location

- Denver Athletic Club
 - 1325 Glenarm Pl, Denver, CO 80204

Date

- Wednesday, September 21th, 2022
 - 11:30 AM – 1:00 PM

Speaker

- Ron Balliet
 - Senior Reservoir Engineer – Studies & Analytics, Halliburton.

Session Overview

This presentation describes the measurement principles, formation evaluation methodology, and applications of Magnetic Resonance for Unconventional Reservoir challenges. New formation evaluation concepts are introduced for obtaining and quantifying individual reservoir fluid volumes. A range of global case studies demonstrates the differences in source rock reservoirs, their challenges, and proposed solutions. The primary message is to provide a new perspective adopted by the industry for formation evaluation in Unconventional Reservoirs.

EARLY BIRD REGISTRATION CLOSES 09/19 AT 1200

[REGISTER NOW](#)

Meet our Speakers



Ron Balliet is the Halliburton Global Product Champion for Magnetic Resonance. He supports formation evaluation and operations for Halliburton Wireline & Perforating and Sperry Drilling product lines. He has a 33-year involvement with oilfield magnetic resonance and has worked in several locations worldwide. He has been involved in designing and interpreting methods for seven wirelines and LWD magnetic resonance sensors, including applications for Unconventional reservoirs. He has published twenty technical papers and seven NMR-related patents and has been a member of SPE for 23 years. He holds Bachelor of Science Degrees in Geophysics and Geology.

COMPLETION STUDY GROUP

Using the Relationship Between Geochemical and Pressure Data to Elucidate Produced Oil Sources and Movement in the Subsurface

Location

- Hybrid Meeting:
 - Denver Earth Resources Library
 - 730 17th Street B-1, Denver, CO 80202
 - Online (Zoom)
 - The link will be sent to registered emails

Date

- Tuesday, September 27th, 2022
 - 12:00 PM – 1:00 PM

Speaker

- Sarah Compton
 - Principal at Compton Integrated Analytics.

Study Group Overview

Understanding how and why fluids move in the subsurface is key to characterizing and most efficiently developing an operator's acreage. In the DJ Basin, oil from the Niobrara and Codell likely has a common source, and their reservoirs are likely in communication with each other. Great Western Petroleum, a pure-play DJ operator, designed the Wilson project in 2019 through a structurally calm area, with one large graben cutting the full section along the toes of the wells to characterize the fluid movement in space and time.

EARLY BIRD REGISTRATION CLOSES 09/26 AT 1200

[REGISTER NOW](#)

Meet our Speaker



Sarah Compton is a Principal at Compton Integrated Analytics, a geologic data analytics consulting firm. She has 9 years of industry experience spanning mostly unconventional operations, development, exploration, and data analytics. She got her Ph.D. in geology focusing on geodynamics from the University of Alabama in Tuscaloosa and her bachelor's and masters in geology from IUPUI in Indianapolis.

COMMUNITY OUTREACH

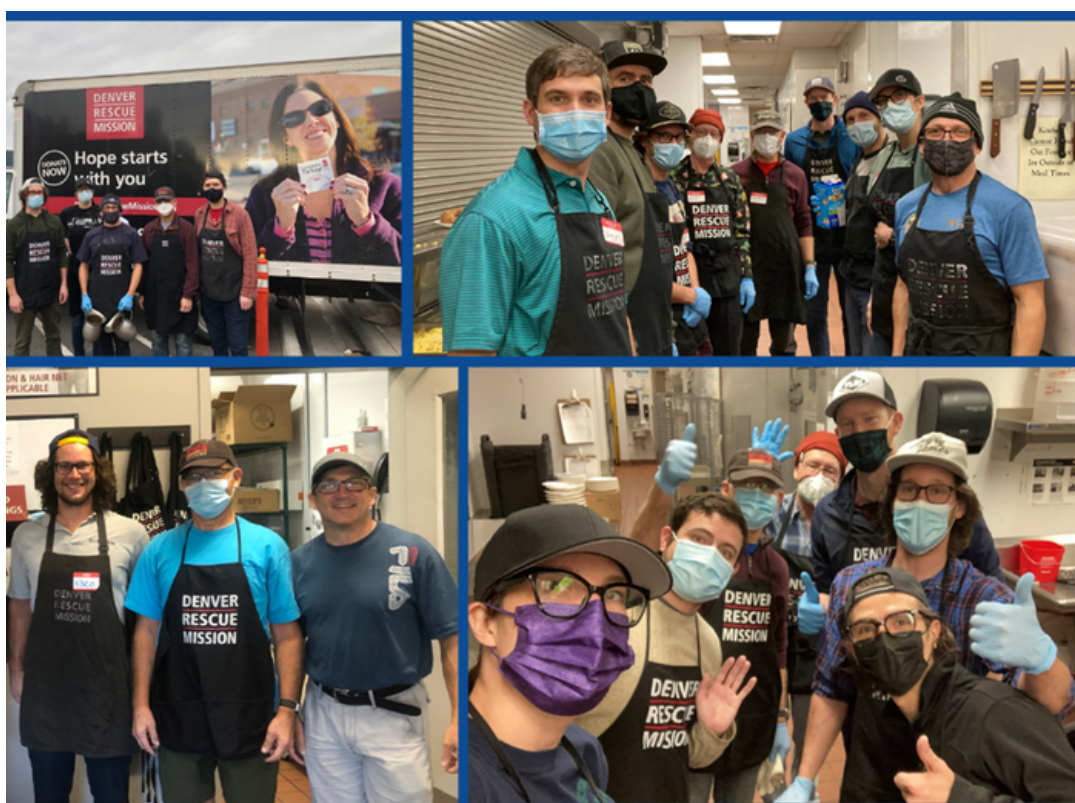
SPE Serves Breakfast at the Denver Rescue Mission

Location

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

Date

- Tuesday, September 20th, 2022.
- 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. Volunteers must be vaccinated. Masks may be required.

- Please get in touch with community outreach team member **Nico Cosca** for more details!

SPE Mentors at the Denver Metro Regional Science Fair

Location

- CU Denver, Student Commons Building
- 1201 Larimer Street, Denver, CO 80202

Date

- Saturday, September 24th, 2022.
- Time: 1:00 PM - 3:00 PM



Description

In this 2-hour workshop, mentors will meet with individual or small groups of students for 10 minutes to share expertise and advice about their career, college experience, research, and scientific expertise. Students may also have science fair project ideas on which they would like feedback. You may also choose to connect with a student beyond the speed mentoring session to help support and mentor them throughout the science fair season. You do not need to prepare anything, but you are welcome to bring any items representing your STEAM expertise, career journey, and/or your company if desired. Register [here](#) before September 9th.

- Please contact community outreach team member, **Julie Tannehill**, for more details!

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



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ESPECIAL ANNOUNCEMENT



The Denver section spent its summer updating the website, making it more functional and easier for you to find interesting local events and volunteering opportunities. Some features include:

- Downloadable calendar with technical events, volunteering events, and industry events
 - Job Board for oil and gas positions
 - Archived presentations from past GMs and study groups
- We hope you like it!

[Here](#)