

Having trouble viewing this email? [Click here to view in browser.](#)



Dear SPE Denver Section Community,

The summer is coming to an end; thus, we have a few announcements to kick start our Fall activities. First of all, we are happy to announce that for a second year in a row we were awarded the SPE Section Excellence Award for 2021. This is a prestigious recognition awarded to only 20% of all eligible sections for accomplished an admirable level of success.



Congratulations to all members and a special acknowledgment to all volunteers who make this possible!

Sincerely,

Eric Lyche
SPE Denver Section Chairperson

August 2, 2021

GENERAL MEETING

Solving Gas Interference Issues with Sucker Rod Pumps

Anthony Allison, Senior Artificial Lift Advisor at Occidental Oil & Gas and 2020/2021 SPE Distinguished Lecturer.

📍 General Meeting: Click "Register Now" for more details.

📅 Wednesday, September 15th, 2021, 11:30 PM – 1:00 PM

Register Now

Abstract:

Gas/liquid ratios (GLRs) typically increase later in the life of a sucker rod-pumped well, and unconventional reservoirs may have high GLRs from the beginning of production. How to handle that gas production is important for sucker rod pumps, as the efficiency is reduced when gas enters the pump. A project was undertaken to quantify several methods used to handle gas production with sucker rod pumps and the effectiveness of each. This project focused on three areas of design or operation intended to improve gas handling:

- The sizing of downhole gas separators was reviewed, and steps were taken to match the pumping system with the proper separator. In cases where the separator was not pulled, the pump displacement was adjusted to ensure it was within the capacity of the existing separator. Where there was an opportunity to replace the separator, the design was modified to ensure the separator capacity matched the expected well production.
- Variable speed drives: Horizontal wells do not provide consistent inflow, but rather exhibit slugging behavior as portions of the lateral load up with liquid or gas. This makes pump-off control difficult with conventional rod pump controllers, which stop the pump completely when there is a lack of fluid at the pump. The performance of variable speed drives was studied to determine if continuous operation while adjusting the speed to accommodate slugging would improve production.
- Backpressure valves: Backpressure has been used as a method to improve the performance of wells with gas interference, but the benefits have been questionable compared to the negative impacts on equipment loading. Wells with elevated tubing backpressure were identified, the backpressure was reduced to line pressure, and the impact on performance was monitored.

Biography:

Anthony Allison is a Senior Artificial Lift Advisor for Occidental Oil & Gas, where he provides in-house support for the



In this Issue...

- [PE License Course](#)
- [DL - General Meeting](#)
- [SPE Fundraiser](#)
- [Volunteering Opportunity](#)
- [SPE Memberships](#)
- [Community Outreach](#)
- [Members in Transition](#)
- [SPE Denver Section](#)

Follow Us:



[SPE Denver Website](#)



Interested in a professional PE license exam preparation course? Gary Bing Wines is coming to Denver in September 20-24, 2021. To learn more and register please tap the WinRock Logo.



analysis, optimization, and troubleshooting of sucker rod pumps globally. He has thirteen years of experience with sucker rod pumping systems, and currently serves as chairman of API Subcommittee 11, which oversees standards related to artificial lift equipment. Anthony has previously served as chair of the SPE Artificial Lift Conference and Exhibition-Americas and as an SPE Distinguished Lecturer. He holds a bachelor's degree in Electronics Engineering Technology and master's degree in Petroleum Engineering, both from Texas A&M University.

SPE—Fundraiser!



For more information on how to become a sponsor and register early please email us at denverspegolf@gmail.com. Registration will open after June 3 for everyone [HERE](#).

SPE—DENVER CHAPTER VOLUNTEERING OPPORTUNITY!



Would you like to be part of a dynamic group of volunteers and help disseminate technical knowledge to our local SPE community? Tap the picture above to sign up! or contact [Jessica Iriarte](#) directly.

SPE—MEMBERSHIPS!

FRIENDLY REMINDER

RENEW YOUR MEMBERSHIP

Did you renew your membership before the end of 2020?
Sign in at spe.org to check

Did you know SPE offers a [membership fee waiver for unemployed or furloughed](#) renewing members?
Submit a written request to service@spe.org



Did you renew your membership before the end of 2020? Sign in at spe.org to check. Did you know SPE offers a membership fee waiver for [unemployed or furloughed](#) renewing members? Submit a written request to service@spe.org.

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 Serves Breakfast at the Denver Rescue Mission

Date: August 17th, 2021

Time: 6:15 am – 8:30am

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

Limit: 8 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 at the Denver Coliseum. 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 Contact Community Outreach Team-member, Nico Cosca, for more details! nicolas.cosca@hpinc.com

Register Now

Watch this space for additional upcoming volunteer opportunities in the Denver area.

JOINT EFFORT— SPE Denver Section and Rocky Mountain MiT

There is a new effort afoot to help Rocky Mountain region oil industry professionals affected by the industry downturn that has been amplified by the pandemic. Several professional societies have banded together to launch Rocky Mountain Members in Transition, or MiT. This is an outgrowth of the MiT effort by the Society of Petroleum Engineers (SPE) in Houston that the Association of American Petroleum Geologists (AAPG) has joined. Other associated Rocky Mountain organizations now include SPE, AAPG, COGA, DWLS, RMAG, WEN, WOGA, and the University of Colorado, Denver GEM Program. The purpose is to help association members amid a career transition. For more information, please contact Susan Nash at snash@aapg.org or Terrilyn Olson at tmolson8550@gmail.com.

Upcoming Events:

Members in Transition Webinar: Oil & Gas to Geothermal - A Career Journey

Date: Aug 19th, 2021

Time: 12:00 pm MDT

Location: Online Webinar

Free

Description:

MiT proudly announces an upcoming webinar with Dr. Ben Burke titled: "Oil & Gas to Geothermal: A Career Journey". Register free online on the Rocky Mountain Association of Geologists website, here:

Register Now

Dr. Ben Burke has worked in environmental consulting, academia, oil & gas, and now geothermal over a 22-year career. Some of those broad career categories have overlapped and interwoven through both management and individual contributor roles with 9 different institutions. The themes of this talk are personal adaptability, career themes that transcend individual jobs, networking, and changing markets. He will focus on his recent oil & gas to geothermal transition, including the commonalities and differences between the sectors and what he has learned from stepping into entrepreneurship from corporate roles. Dr. Burke is currently co-founder and Chief Technology Officer at Transitional Energy, a geothermal startup based in Aurora, Colorado; a collaborating professor at Iowa State University in the Department of Geological and Atmospheric Sciences; and an Affiliate Professor in Geology & Geological Engineering at Colorado School of Mines.

Members in Transition Webinar: Freeware for Freelancers

Date: Aug 26th, 2021

Time: 12:00 pm MDT

Location: Online Webinar

Free

Description:

MiT proudly announces an upcoming webinar titled: "Show and Tell: A Webinar Introducing Freeware for Freelancers" with presenters Matthew Bauer, Marron Bingle-Davis, Mike Bingle-Davis, Justin Birdwell, Ashley Douds, John McLeod, Kristoffer Rimaila, and David Thule. Register free online on the Rocky Mountain Association of Geologists (RMAG) website, here:

[Register Now](#)

Did you miss the article "Freeware for Freelancers" in the July issue of the Outcrop, or wish you could ask the authors some questions? Maybe you learn new skills better 'in-person' than just reading about them? This upcoming Members in Transition (MiT) webinar will cover some of the same software, and will provide the opportunity for conversation with the expert freeware panelists.

If you have been thinking about pivoting, transitioning, learning new software (putting power to the people, getting a break from "the man"!) you won't want to miss this webinar. You may have lost employment due to the downturn and pandemic and now find yourself in a new 'freelance' world, but you still have the talents, foundational skillsets, and readiness to apply your value to projects. Don't let the lack of access to the high-dollar platforms and software packages that came with company employment get in your way! A multitude of geoscience software, from GIS to seismic, is available online for free. Come hear the presenters give overviews of the available software and ask them your questions.

Please contact Members in Transition SPE liaison Shishir Shivhare, for more details! shishir.shivhare@sproule.com

Americas
222 Palisades Creek Dr.
Richardson, TX 75080-2040 USA

Asia Pacific
Level 35, Gardens South Tower
Mid Valley City, Lingkaran Syed Putra
59200 Kuala Lumpur, Malaysia

Europe
1st Floor, Threeways House
40/44 Clipstone Street
London W1W 5DW UK

Middle East
Fortune Towers, 31st Floor
Offices 3101/2, JLT Area
P.O. Box 215959, Dubai, UAE

+1.972.952.9393 | E-mail |

SPE members receive periodic emails on events and programs related to the section to which they belong. If you no longer wish to receive emails from this section, please opt-out. You may also choose to review your email preferences with SPE International.

