

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



March 8, 2018

GENERAL MEETING

Caveat Emptor in Acquisitions

Dwayne Purvis, P.E.

📍 Denver Athletic Club

📅 March 21, 2018, 11:30 AM - 1:00 PM

Early-bird registration deadline: March 19 at 5:00 PM

Tickets:

Members	\$25
Non-Members	\$35
Walk-Ins	\$45

[Register Now](#)

Abstract: Tuition in the school of hard knocks is particularly expensive. Mr. Purvis draws on his long experience as a consultant and manager to tell cautionary and entertaining tales of acquisitions and projects gone wrong, and a few gone right. Come join this interactive presentation to hear stories about LOE inflated by the costs of car washes and about the guy who had "a reservoir built over his field", as well as other rarities that you may want to avoid.



Biography: Dwayne Purvis, P.E. has spent over two decades in reservoir engineering and executive leadership as a consultant and operator. He has led or participated in hundreds of field studies and reserve analyses over dozens of basins in the United States and abroad, and he has participated in the sale or acquisition of projects valued from tens of thousands to billions of dollars.

Before starting his own consulting practice in 2015, he served Jetta Operating Company as Reservoir Engineering Manager and Reserves Manager. Prior roles include founder and Executive Vice President of consulting firm The Strickland Group and partner at Cawley, Gillespie & Associates.

In this Issue...

- [Newsletter Sponsor](#)
- [General Meeting](#)
- [Education Track](#)
- [Scholarships](#)
- [Study Groups](#)
- [Golf](#)
- [CSM Student Chapter](#)
- [Racquetball](#)
- [Young Professionals](#)

**Thanks to This Month's
Newsletter Sponsor:**

Mr. Purvis has published on issues of reserves, risk analysis and shale reservoirs. He is a registered professional engineer in the state of Texas, member of SPEE, AAPG, SEG and a 25-year member of SPE.

EDUCATION TRACK

Artificial Lift - Gas Lift Design and Application

James Staton - Dover Artificial Lift

📍 Black Hill E&P Office, 1515 Wynkoop St. Suite 500, Denver

📅 March 29, 2018, 11:00 AM - 2:00 PM

Registration Deadline: March 28 at 5:00 PM

[Register Now](#)

Abstract: This class is designed for engineers and anyone interested in optimizing production. This class is built to better understand when and why gas lift is needed and how it is applied to ever changing reservoir issues common to all basins. Understand the advantages and challenges of gas lift along with the types of gas lift and how it fits your well.

Biography: James Staton has over 20 years in the industry holding various positions from operations manager to Corporate Sales. James is working for Dover Artificial Lift in their Gas lift division where he has shared his practical and technical expertise in gas lift. James has 10yrs of Gas Lift experience, design and field operations. James Staton has recently taught short courses at the Colorado School of Mines as well as various Engineering level classes and field training for numerous Oil & Gas Operators in the Denver, CO area, up to North Dakota. James holds an associate business management degree from USL (University of Louisiana at Lafayette, LA) and is completing his Bachelor's at CSU's Global Online degree program.



SCHOLARSHIP COMMITTEE

Letter From a Scholarship Recipient

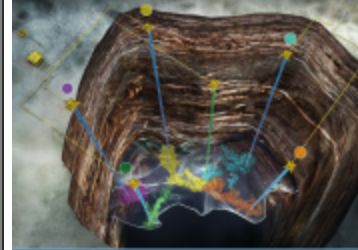
Congratulations to all of the recipients of the 2017 Denver SPE student scholarships. Our section received many letters of appreciation for your contributions, but we felt one in particular addressed to Scholarship Committee Chair Don Smith was particularly moving and worth sharing with the section:

Dear Mr. Smith,

Tracerco

Providing Insight Onsite

Improve recovery at minimal cost using tracers in your surveillance toolbox.



Know more, recover more with Interwell measurement.

A Tracerco interwell chemical tracer study gives you critical data to help you optimize field development.

www.tracerco.com/reservoir-characterisation

T: +1 281 291 7769

E: tracerco@tracerco.com

JM Johnson Matthey
Inspiring science, enhancing life

Follow Us:

 [Twitter](#)

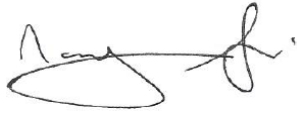
 [LinkedIn](#)

 [Facebook](#)

[SPE Denver Website](#)

I would like to thank you so much for selecting me to receive the Denver SPE scholarship. I want to share with you how this will help me. I am an untraditional student. I am married with a 4 years old son named Colin. My wife, Michel, is pregnant and due this coming March. She is considered a high-risk pregnancy and is having a much more difficult time with this pregnancy than the previous one. Your financial contribution to my family and I will allow me to not worry too much about the financial aspect of raising a family; as well as allow me to spend more time with my family as I will not need to work as much. Thank you Mr. Smith and the committee for your support.

Sincerely,



Nary Sin
New Mexico Institute of Mining and Technology

STUDY GROUPS

Joint Completions/Reservoir Study Group: The Lowest OPEX Producer Wins the Production Game *Jeff Saponja - HEAL Systems*

📍 Halliburton, 1125 17th St., Suite 1900, Denver

📅 March 15, 2018, 11:30 AM - 1:00 PM

Lunch courtesy of HEAL Systems

[Register Now](#)

Abstract: Mitigation of slug flows in a horizontal well can significantly increase cash flow and lower OPEX over a well's entire production life cycle. A root cause of production inefficiencies and not being able to maximize drawdown has proven to be directly related to slug flows. In response, HEAL Systems developed a downhole flow conditioning system that mitigates and controls slug flows. In solving slug flow to downhole pumps, additional benefits have been identified that can add value to a well's entire production life cycle. With over 300 case histories and 3 years of results compiled, statistical analysis supports such claims. This talk will share the slug flow mitigation benefits to cash flow and OPEX for each phase of a well's production life cycle.

Reservoir Study Group: Myths and Misunderstandings of Reservoir Engineering *Dwayne Purvis, P.E.*

📍 Halliburton, 1125 17th Ste. 1900, Denver

📅 March 19, 2018, 11:30 AM - 1:00 PM

Register Now


Abstract: Myths and Misunderstandings of Reservoir Engineering takes aim at some of the most common and intransigent fallacies, even among reservoir engineers. The wide-ranging discussion addresses concepts like drainage area maps and the concepts of depletion and interference and how they differ between millidarcy and nanodarcy reservoirs. It detours into tilted oil-water contacts before returning to the concepts of transient and boundary-dominated flow, the use of a constant b-factor, the utility of daily production data and how those relate to reserves categories.

Armed with a better fundamental understanding of reservoir dynamics, engineers and the geologists who work with them are better able to interpret and predict future behaviors

Drilling Study Group: RSS Monobore Well Design - Key Point and Advantages

Brandan Sackett & Steven Cano - Baker Hughes, a GE Company

 Schlumberger, 1675 Broadway Suite 700, Denver

 March 27, 2018, 11:30 AM - 1:00 PM

Register Now

Abstract: Efficient and accurate wellbore placement that maximizes reservoir exposure has long been the ultimate goal of any drilling program. Recent developments in Rotary Steerable System (RSS) technology now enable operators to achieve these goals like never before.


RSS allows operators to drill so called “monobore” or “two string” well designs to meet placement objectives. With this well design the vertical, curve, and lateral sections are all drilled in the same hole size, preferably in one run. Additionally a monobore design helps bring down costs by eliminating a trip for a BHA and removing an intermediate casing string. RSS tools have been around for years but high operational cost and low dogleg capability has made operators hesitant to utilize them in their U.S. land drilling programs. With advancements in technology and design improvements, RSS is now more competitive in operational costs as well as in high dogleg output. As a result, they have become the go-to technology for maximizing financial returns.

This session will discuss the technical aspects of adopting RSS in monobore well designs and compare the performance between RSS and conventional steerable motor technology.

GOLF

2018 Denver SPE Golf Tournament

 The Ridge at Castle Pines North

 August 3, 2018, 7:00 AM - 5:00 PM

[Register Now](#)

All proceeds benefit the Denver SPE Scholarship Fund, with over \$20,000 donated in 2017!

Format: Four-person scramble

Tournament Information: Each foursome will play one round with a Shotgun start time of either 7:30am or 1:00pm depending on your selected preference. Sponsors will receive first preference on Tee Times.

Tee times will be guaranteed ONE month prior to the tournament and not before!

Fees: \$800 per foursome – includes breakfast/lunch for morning tee times or lunch/dinner for afternoon tee times. Door and Skill prize drawings take place following each round.

Sponsorships: We offer four levels of sponsorship donation. Those companies generously donating \$1,500 or more will receive the ultimate recognition as a Platinum Sponsor. Likewise, companies donating \$1,000, \$500 or \$200 will be recognized as Gold, Silver, or Bronze sponsors. The sponsoring companies will be recognized at the tournament and in the SPE Newsletter.



Registration will only be open to sponsors until May 15th. At that time registration will open to non-sponsors.

CSM STUDENT CHAPTER

Career Lunch and Learns

The Colorado School of Mines Student Chapter will be conducting a series of "Career Lunch and Learns" January through May of 2018. We are looking for professionals who would be interested in coming to CSM during lunch to hold a small presentation on their experience. We are looking for professionals with both traditional and non-traditional career paths related to the petroleum industry. If you are interested, please email denversection@spemail.org.

CSM Mudbug Masquerade

 Marquez Hall 206, Colorado School of Mines, Golden, CO
 March 22, 2018, 3:00 PM - 7:00 PM

[Register Now](#)


The Mudbug Masquerade is an annual crawfish boil sponsored by the petroleum-focused student clubs on the Colorado School of Mines campus. This year's event will be organized by CSM's American Association of Drilling Engineers (AADE), American

Association of Petroleum Geologists (AAPG), and the Society of Petroleum Engineers (SPE) student chapters.

Registration is open to the public for the first time at \$25 for all-you-can-eat crawfish and sides. A cash bar (sponsored by Denver SPE) will also be provided. To register, follow the registration link above, click on "STUACT-STACT", then click on "Mudbug Masquerade 2018".

Annual Fundraising Clayshoot

 Kiowa Creek Sporting Club, Bennett, CO

 April 6, 2018, 11:00 AM

Registration Deadline: March 28, 2018

[Register Now](#)

The Colorado School of Mines SPE Student Chapter will be hosting its annual fundraising clay shoot on Friday, April 7 at 11:00 AM at the Kiowa Creek Sporting Club. See the attached [flyer](#) for more details, or contact MinesClayShoot2018@gmail.com with questions. Sponsorships are available! To register, you may use the above registration link, click on STUACT-STACT, then click on "SPE Clay Shoot Registration".

Rocky Mountain Student Symposium Speakers Needed

CSM SPE is hosting the Rocky Mountain Student Symposium (RMSS) and needs help with getting speakers for presentations and panel discussions. We are looking for presentation on soft skills (e.g. collaboration between engineers, geologists, etc., experiences from working internationally), data analytics, energy economics (e.g. Energy analysts, what an engineering student can expect, optimization), and EOR (Future of EOR, how it's related to geomechanics, etc.)

If you are interested in participating as a speaker in the RMSS (Thursday March 22 and/or Friday March 23) email zhijunliu@mines.edu.

RACQUETBALL

38th Annual Winter Tournament Results

The 38th Annual SPE Winter Racquetball Tournament was held on February 23rd at the Denver Athletic Club and was a great success. Congratulations to our winners:

A/B Division

Shawn Lopez	1st Place
Daniel Butler	2nd Place
Ryan Vera	3rd Place

C+ Division

Kelly McElvain	1st Place
----------------	-----------

Alex Artino	2nd Place
Will Fleckenstein	3rd Place
<u>C Division</u>	
John Berning	1st Place
Ryan Spence	2nd Place
Kevin Nelson	3rd Place
<u>Novice Division</u>	
Oscar Medrano	1st Place

Please join us in thanking our generous sponsors, without whom this event wouldn't have been possible:

PLATINUM SPONSORS



GOLD SPONSORS



SILVER SPONSORS



NOV Drilling Fluids Group



peterson energy operating, inc.

YOUNG PROFESSIONALS

Lunch and Learn - Frac Diagnostics - The Key to Rapid and Cost-Effective Completion De-Risking
Gustavo A. Ugueto and Paul T. Huckabee, Shell Exploration and Production

📍 Liberty Oilfield Services, 950 17th St. Suite 2400, Denver

📅 March 14, 2018, 11:30 AM - 1:00 PM

Lunch will be provided

Register Now

Abstract: Evaluating and optimizing completion technologies and design are amongst the highest value drivers within Unconventionals. Frac Diagnostics can provide the information required to unravel complex completion and subsurface interplay. Unfortunately, Frac Diagnostics are not fully utilized to de-risk completions and to constrain, calibrate, fracs and reservoir models. There are large number of Frac Diagnostics technologies available for which their reliability and applicability are not well understood. Currently there is not a single technology that can provide all the required information for proper assessment of completion effectiveness. Frequently frac diagnostics technology are deployed in isolation. This sometimes can lead to their misinterpretation. This approach diminishes the value of complementary diagnostics to validate or reject alternative interpretations. In addition, when new tools come in to the market they are expensive preventing their routine deployment. All these prevent the full utilization of integrated frac diagnostics to de-risk completion routinely. This presentation reviews published Shell and industry examples where integrated frac diagnostics has been used to gain a better understanding of highly debated stimulation topics such Frac Geometry, Perforation Efficiency, Stage Isolation, etc.

YP Happy Hour

📍 Oskar Blues Grill & Brew, 1624 Market St., Denver
 📅 March 14, 2018, 4:30 PM - 6:00 PM

Join us for a drink and appetizers to catch up and network with friends and colleagues. It's on us!

Annual YP Ski Trip

The annual YP field trip was held from March 2-4 and was a great success. It would have never been possible without our awesome sponsors! Let's give them a round of applause:

Pow Sponsors

Frac Shack America
 TAM International
 Liberty Oilfield Services
 Crossfire
 Cameron

Snow Sponsors

Well Data Labs
 TMK Ipsco
 Tru-Drill
 OpenDoor Ministries (T-Shirts)

Society of Petroleum Engineers - Denver Section

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.

