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SPE

We hope you have been enjoying the glimpses of fall weather in the air! Please see below for events and happenings in the Denver SPE Section for the month of October

October 4, 2016

GENERAL MEETING

Managed Pressure Flowback in Unconventional Reservoirs: A Permian Case Study

Darryl Tompkins, Halliburton

Denver Athletic Club
October 19, 2016, 11:30 AM - 1:00 PM

Tickets:

Members	\$25
Non-Members	\$35
Walk-Ins	\$40

[Register Now](#)

Abstract: Flowback programs on multi-stage horizontal wells (MSHW) in unconventional reservoirs are too often completed without a sufficient understanding of how the flowback could affect the long term performance of the well. High initial production is a common performance indicator that drives flowback practices to focus primarily on flowing back the well as fast as possible to get it on production. Operators are becoming more aware of how extremely sensitive unconventional completions and formations can be to aggressive flowback practices used to increase initial production. To date, collection and analysis of the data gathered during flowbacks has been infrequent and without much understanding of its inherent value. If data is collected, it is usually low quality and unreliable. This discussion will focus the specific type of damage that can be created by aggressive flowback practices and mitigated by effectively monitoring and controlling initial rates and pressures. A Permian Basin case study is examined to demonstrate the benefits of optimizing choke schedules to effectively manage drawdown pressure to reduce damage to fractures and increase cumulative production. Specialized diagnostic plots are used to demonstrate the consequences that conventional flowback practices can have on well deliverability. Additionally, the added value in utilizing high resolution surface pressure recorders and how that data can be used to optimize choke schedules is also shown



Biography: Darryl Tompkins has over 10 years of oil and gas industry experience concentrating most of his time on unconventional reservoir engineering. He is currently the Reservoir Evaluations Technical Advisor for the SPIDR Team within Halliburton's Testing and Subsea Product Service Line where he works on advancing testing technology globally in conventional and unconventional reservoirs. Prior to his current role Darryl worked in Production Enhancement for Halliburton in Canada performing hydraulic fracturing. He has previously held positions in Operations Engineering for mature fields and Reservoir Engineering for gas storage. He is a registered Professional Engineer in the Province of Ontario, Canada and holds a B.Sc. in Mechanical Engineering from the University of Windsor, Canada.

YOUNG PROFESSIONALS

SAVE THE DATE : 2017 SPE North America Student Symposium

February 1 - 4, 2017

Encana Offices 370 17th Street, Denver, CO 80202

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Hosted by Colorado School of Mines, New Mexico Tech and University of Texas


Events include: North America Regional Petrobowl, Rocky Mountain and Southwestern Regional Student Paper Contests, Speakers, Workshops and much more!


www.spestudentsymposium.com

CSM - SPE Golf Tournament

Do you like to golf? Save the date! We are happy to announce our annual fundraising golf tournament taking place at the Arrowhead Golf Club. Shotgun starts 8:00 AM, lunch and award ceremony to follow

Questions? Please email to minesgolf2016@gmail.com

 Friday, October 8, 2016

 Arrowhead Golf Course 10850 Sundown Trail, Littleton, CO 80125

SPE Mines Football Tailgate

Saturday, November 5th, 9:00 AM – 12:00 PM. Q – Lot. Golden, CO.

We're hosting a tailgate to support our football team as they play against Adams State! Come out to campus and join us for some food, fun, and football. This weekend is also Parents and Family Weekend, so if you are on campus for that, we would love to have join us!

LUNCH & LEARN - RESERVOIR ENGINEERING

The Wolf of Wall Street - Using Reservoir Engineering Insight to Guide Oil & Gas Investment Decisions

John Thompson, Anderson Thompson Reservoir Strategies

 October 27, 2016

 Liberty Oilfield Services 950 17th Street, Suite 2200 Denver, CO 80202



Ever wonder why some operators seem to consistently perform better than others? Does it make you nervous to spend millions of dollars drilling, completing and stimulating wells without being able to predict how they will perform, much better than simply rolling the dice? These and other similar questions are not always front and center in the investment community, but are critical to profitability in the oil patch. The answers are elusive, but to even get close requires some insight into the reservoir and what drives production. There is a sea of oil and gas data that is used to generate research reports and investor materials, much of it is at best not useful, and at worst misleading. This presentation focuses on using reservoir engineering insight to sort through the noise, identify common fallacies and find hidden gems using publically available oil and gas data. Topics to be presented:

- Robbing PDP to pay PUD- The impact of infill drilling on reserves bookings
- If you torture data enough it will confess to anything- the peak rate fallacy, false causality and statistics 101
- Unrealized potential - using reservoir insight to find hidden upside

SPE EVENING EVENT

Wynkoop Brewing Company - October 27, 5-8 PM

Come gather for refreshments and appetizers and network on the theme *Surviving, Thriving, and Striving Toward Better Days*. The informal agenda will feature business development discussions, shorts by company representatives, and round table discussion and report outs on how companies are making the most of tough times in the E&P and service sectors.

Tickets are \$20 for members (\$25 for non-members)

Event sponsorships are available. Contact [Gordon Pospisil](mailto:Gordon.Pospisil@wynkoop.com) for more information (303-749-5732)

CONTINUING EDUCATION

Reservoir Engineering Aspects and Forecasting Well Production in Unconventional Resources

Thomas A. Blasingame, Ph.D., P.E., Professor, Texas A&M University
 Dilhan Ilk, Ph.D., Vice President and Staff Engineer, DeGolyer and MacNaughton
 Location: Brown Palace Hotel and Spa, 321 Seventeenth Street, Denver, CO 80202, (303) 297-3111
 Registration Deadline: Friday, February 3, 2017
 Course Dates: Tuesday-Wednesday, February 21-22, 2017
 Course Details: [ContinuingEducation_ReservoirEngineeringAspects.pdf](#)

Horizontal Well Completions

Dr. Jennifer L. Miskimins, P.E., Senior Consulting Engineer, Barree & Associates
 Location: Brown Palace Hotel and Spa, 321 Seventeenth Street, Denver, CO 80202, (303) 297-3111
 Registration Deadline: Friday, January 6, 2017
 Course Dates: Tuesday-Wednesday, January 31 - February 1, 2017
 Course Details: [ContinuingEducation_HorizontalWellCompletions.pdf](#)



You can find a full list of 2016/2017 Continuing Education Courses here: [2016-2017 Denver Section SPE Training Courses.pdf](#)

For questions and further details, contact [Darlen O'Brien](#).

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