

## SOCIETY OF PETROLEUM ENGINEERS

Wyoming Petroleum Section  
Marron Bingle-Davis, Secretary  
P.O. Box 2154  
Casper, WY 82602-2154



Section Website for Latest News:  
<http://wyoming.spe.org/>

2022-2023 Wyoming Petroleum Section					
Section Chairman	Dave Chase	BLM	261-7685	<a href="mailto:dchase@blm.gov">dchase@blm.gov</a>	
Treasurer	Julie Cruse	Consultant	258-6092	<a href="mailto:juliemcruse@gmail.com">juliemcruse@gmail.com</a>	
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Secretary	Marron Bingle-Davis	Sunshine Valley Petroleum	233-8737	<a href="mailto:marron@sunshinevalleypetroleum.com">marron@sunshinevalleypetroleum.com</a>	
Continuing Education	Vacant				
Membership Chair	Sabrina Hamner	WOGCC	234-7147	<a href="mailto:sabrina.hamner@wyo.gov">sabrina.hamner@wyo.gov</a>	

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# UPCOMING AREA MEETINGS

**WYOMING GEOLOGICAL ASSOCIATION** – All in-person meetings at Occasions by Cory. Lunch Buffet served from 11:15 to 12:00 at a cost of \$25.00. Contact the WGA office at 237-0027 or [wygeology@gmail.com](mailto:wygeology@gmail.com) for more information or to RSVP. Reservations are mandatory and are due **Wednesdays by 12 PM** for that week's talk.

**March 3, 2023 (SPE):** Tom Emelander – Weatherford Intl. – *Sidetracking with Whipstocks: An Efficient Method for Increasing Your Operational and Asset Value*

**March 10, 2023:** Kendra Murray – Idaho State University – *Probing Ancient History of Northern Rockies*

## **UPCOMING MONTHLY PRESENTATIONS FOR THE SPE WYOMING PETROLEUM SECTION**

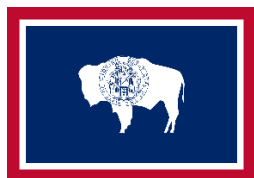
**March 3, 2023 – SPE DL – Tom Emelander – Weatherford Intl. – Sidetracking with Whipstocks: An Efficient Method for Increasing Your Operational and Asset Value**

**April 28, 2023 – Blake Burget – Kimmeridge – Optimizing Completion Design and Well Spacing in the PRB Niobrara**

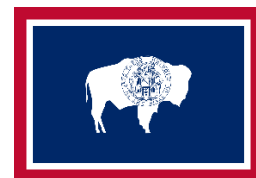




Society of Petroleum Engineers



## Wyoming Petroleum Section March 2023 Newsletter <http://wyoming.spe.org/>



When: **March 3, 2023**

RSVP at

Where: Occasions by Cory

[wygeology@gmail.com](mailto:wygeology@gmail.com)

Time: 10:30 AM (\$25 for buffet lunch)



**Event: Tom Emelander – Weatherford Intl. – Sidetracking with Whipstocks: An Efficient Method for Increasing Your Operational and Asset Value**

### **BIOGRAPHY:**

Tom Emelander is the Product Line Manager for Weatherford's Whipstock Systems. His early career focused on support and implementation of Casing Exit Technologies. After gaining operational experience, he was elevated to Technical Specialist where he guided his team to significant improvements in service quality. His recent role is focused on increasing efficiencies, developing new technologies, and working with operators on highly innovative re-entry projects including multiple industry first installations.

Regarded as a subject matter expert, he has authored multiple technical papers and industry articles. Tom has a Mechanical Engineering degree from Western Michigan University.



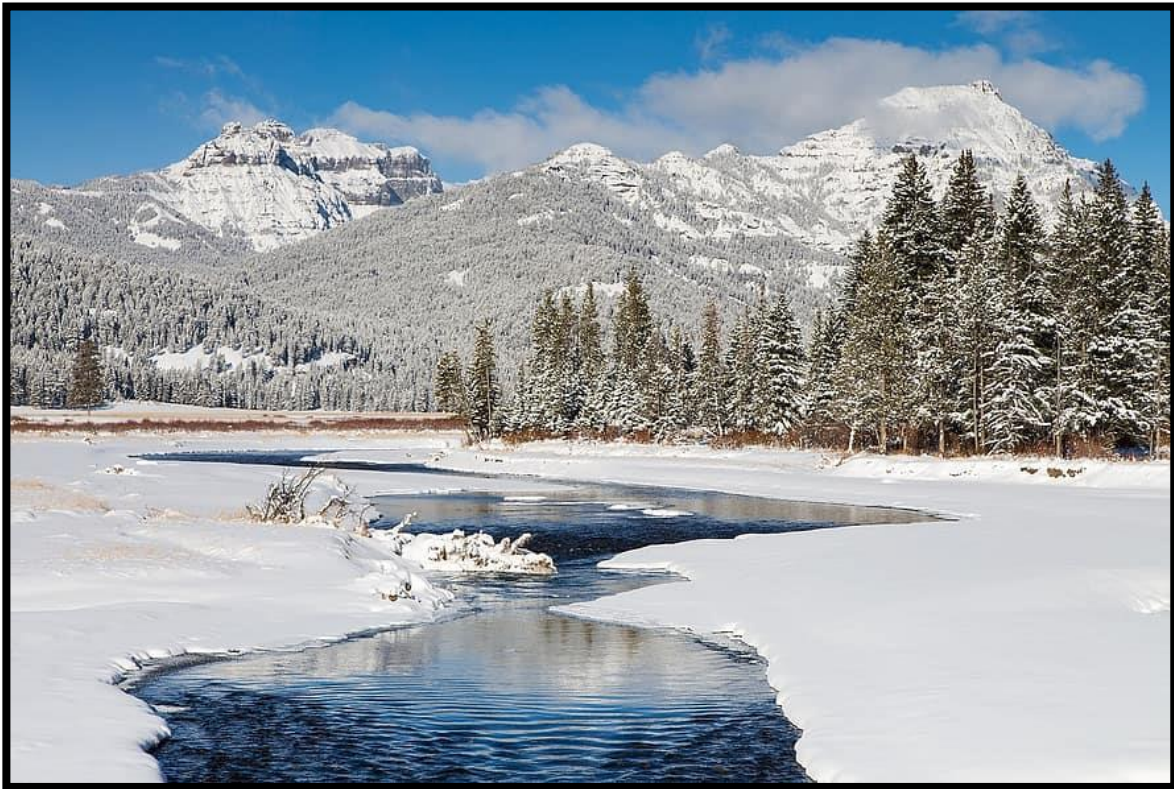
## **ABSTRACT:**

As the demand increases to lower overall cost of accessing reserves, more reliable operations during the well construction process are required and refined methods for maximizing the value of existing assets must be considered. In drilling operations, there are numerous reasons why sidetracking may be a planned or contingency event. Additionally, many if not all, fields have existing assets that can potentially be utilized to reestablish or increase production while reducing cost and footprint associated with a new drill. One option of sidetracking a well involves a ramp directionally anchored in the casing or open hole to create a window for future drilling and completion assemblies. Whipstock sidetracking has evolved as a viable solution to add operational value in both new and mature wells.

Through technological advances, whipstock operations have become more efficient and can cover most applications for new drills and re-entries. With additional evolutions in drilling capabilities and more complex wellbore design, sidetracking in casing or open hole can provide an economical advantage over traditional contingency solutions. From an overall cost per foot perspective, multilateral and re-entry projects can reduce the operational spend to access additional reserves while reducing the environmental footprint.

With extensive run history and ever-increasing developments in equipment, competency, and data driven analytics, the scope and success for whipstock sidetracking operations provides operators with lower risk options to further industry optimization.

This presentation will focus on identification of applications and methods to increase operational efficiency in the process of drilling and completing wells along with recovering stranded production in existing fields.





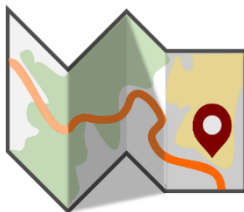


## CALENDAR OF EVENTS and NEWS WYOMING PETROLEUM SECTION



Due to our excellent participation in past continuing education events, we will continue to offer these as they become available. Our web address is <http://wyoming.spe.org>

The SPE Wyoming Petroleum Section has sent out letters requesting scholarship sponsors for the 2023 year. Please consider helping out these deserving students in their academic pursuits. Scholarships will be awarded in the Spring of 2023. If you need further information please contact Sabrina Hamner at: [sabrina.hamner@wyo.gov](mailto:sabrina.hamner@wyo.gov)



**All in-person meetings unless otherwise noted will be held at the Occasions by Cory.**

**OCCASIONS BY CORY  
303 S. WOLCOTT ST.  
CASPER, WY 82601**



## **2022-2023 SCHOLARSHIP RECIPIENTS**

Andrea Comer – University of Wyoming

Tatiana Lubashkina – University of Wyoming

Elaina Soellner – University of Wyoming

Nicholas Bryan – Colorado School of Mines

Nathan Wasylowich – Montana Tech

Brady Weber – Montana Tech

**TOTAL AMOUNT AWARDED: \$6,500**

**GREAT JOB – KEEP UP THE GOOD WORK!!**