

## 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/>

2023-2024 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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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 & SPE** –In-person meetings will vary on location, please see talk description for information. Lunch Buffet served from 11:15 to 12:00 unless otherwise noted. 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.**

**February 9, 2024:** Rick Bonander – Inter-Mountain Pipe & Threading – *New Zealand Trip*

**February 23, 2024 (SPE):** Rawdon Seager – Gaffney, Cline & Associates – *Carbon Capture and Storage and the SPE CO2 Storage Resources Management System (SRMS)*

**March 8, 2024:** Kayla Young – American Rare Earths – *American Rare Earths - Wyoming Mine Asset & Halleck Creek Mine*

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

**Feb 23, 2024 – SPE DL – Rawdon Seager – Gaffney, Cline & Associates Carbon Capture and Storage and the SPE CO2 Storage Resources Management System (SRMS)**

**Mar 22, 2024 – TBA**





Society of Petroleum Engineers



## Wyoming Petroleum Section February 2024 Newsletter

<http://wyoming.spe.org/>



When: **February 23, 2024**

Where: Occasions by Cory

Time: 12:00 PM

RSVP at

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



**Event:** **Rawdon Seager – Gaffney, Cline & Associates –  
Carbon Capture and Storage and the CO2 Storage  
Resources Management System (SRMS)**

### Abstract:

After the lecture, members will understand the importance of carbon capture and storage in the transition to a lower carbon future, and know how to evaluate quantities consistently using the SRMS.

As part of the international effort to combat global warming, significant attention is being given to ways to sequester (store for the long-term) carbon dioxide, which is a major contributor to the greenhouse effect. It is therefore critical that there is a universal means to record the storable quantities by recognizing the maturity of the projects to be implemented and the confidence that can be placed in the estimated volumes to be sequestered.



This talk will look at some of the ways in which carbon dioxide can be stored and provide a review of the CO2 Storage Resources Management System (SRMS) framework prepared by the Society of Petroleum Engineers to classify and categorize the storable quantities.

The talk will cover: An overview of carbon capture, utilization and storage, including the role of greenhouse gasses in global warming. Discussion of typical modes of storage of carbon dioxide in saline aquifers and depleted oil and gas fields. Review of the CO2 Storage Resources Management System (SRMS), including principles and key definitions. Discussion of economics and evaluation methods A hypothetical example.

## **Biography:**

Rawdon Seager is a reservoir engineer with over 50 years' experience in the international oil and gas arena with Shell, Huffco and, since 1985, Gaffney, Cline & Associates, where he is Chief Reservoir Engineer and Global Director of Quality Assurance. He is currently involved in CCS studies and application of the SRMS.

He has a BSc in Physics from Bristol University and an MSc in Petroleum Engineering from Imperial College, London. Rawdon is past Chairman of the SPE Oil and Gas Reserves Committee and past member of the Board and current Chair of the Reserves Definitions Committee of the SPEE.







## 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 2024 year. Please consider helping out these deserving students in their academic pursuits. Scholarships will be awarded in the Spring of 2024. If you need further information please contact Sabrina Hamner at: [sabrina.hamner@wyo.gov](mailto:sabrina.hamner@wyo.gov)



# **CONGRATULATIONS TO ALL 2023 SCHOLARSHIP AWARDEES!!**

Nassima Bettir  
Tatiana Lubashkina  
Rami Alloush  
Ryan Jardee  
Saba Sadiq  
Paden Knull  
Mohammad Alfehaid  
Zebulon Stephs  
Geneva Loff  
Brady Weber

**GOOD LUCK IN ALL YOUR FUTURE ENDEAVORS!**

Wyoming Petroleum Section (SPE)  
P.O. Box 2154, Casper, WY. 82602



## **Society of Petroleum Engineers**

January 2<sup>nd</sup>, 2024

Hello Dear Friend and Sponsor,

I hope that this new year finds you, your families, and your colleagues well. The industry continues to recover from COVID, high inflation, and increasingly complex regulatory challenges, yet I am proud to say that last year (2023) was one of the most generous and fruitful as far as scholarship giving goes, that I have seen during my time with the Wyoming Petroleum Section. Our partners donated over \$10,000 (\$10,350 to be exact) to the Wyoming Petroleum Section which was awarded via scholarships for students enrolled in accredited petroleum engineering programs across our region. For the 2023 academic year, our chapter awarded scholarships to 10 students. Seven of those scholarships were issued to students from the University of Wyoming. There were two students from the Colorado School of Mines who were awarded funds, and one student from Montana Tech. Please pass the word along if you know any students who would qualify. We hope that we can count on your support for our 2024 Scholarship fund drive, as these students are the future of our industry. As a former scholarship recipient, myself, I personally can recall the challenges of paying for college while maintaining good grades, seeking internships, and making my entry into the industry. Truly, your partnership with us is the lifeblood of future generations.

Please consider being a 2024 sponsor for the Wyoming Petroleum Section's scholarship fund. Your company's name will be included within our monthly newsletter and on our website. The three levels of sponsorship this year are as follows:

- **Bronze level will be for a contribution of \$0 to \$249.00**
- **Silver level will be for a contribution of \$250.00 to \$499.00**
- **Gold level will be for a contribution of \$500.00 and above**

Please mail your contribution to the physical address above in the header. We will send you a thank-you letter as receipt of your contribution. Finally, remember that these are tax deductible.

You can reach me with questions at 307-251-6321 or 307-234-7147. Let us look forward to this new year with hope for industry and excitement for upcoming generations to leave their mark.

Regards,

*Sabrina Hamner*

Sabrina Hamner

[Sabrina.Hamner@wyo.gov](mailto:Sabrina.Hamner@wyo.gov)

Membership Chair – SPE Wyoming Chapter

[www.wyoming.spe.org](http://www.wyoming.spe.org)