

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	dchase@blm.gov
Treasurer	Julie Cruse	Consultant	258-6092	juliemcruse@gmail.com
Scholarship Chair	Luke Opitz	True Companies	266-0459	luke.opitz@truecos.com
Program Chairman	Josh Stone	Gene R. George & Associates	265-9199	jstone@gga-inc.com
Secretary	Tyler Kendall	Casper College	922-3835	tylerkendall42@yahoo.com
Continuing Education	Kendra Mickelson	Titan Exploration	701-340-5203	kendra.mickelson@kimberidge.com
Membership Chair	Sabrina Hamner	WOGCC	234-7147	sabrina.hamner@wyo.gov

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The Nicholas Family



UPCOMING AREA MEETINGS

WYOMING GEOLOGICAL ASSOCIATION & SPE – In-person meetings will be held at Occasions by Cory. Lunch Buffet served from 11:15 to 12:00 unless otherwise noted. Contact the WGA office at 237-0027 or wygeology@gmail.com for more information or to RSVP. **Reservations are mandatory and are due Wednesdays by 12 PM for that week.**

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

March 22, 2024 (SPE): Christopher Casad – Ultrerra Drilling Technologies – *Introduction to Ultrerra*

April 5, 2024 (SPE DL): Eric Ding – International Reservoir Technologies (IRT) – *Hydrocarbon Miscible EOR in Conventional and Unconventional Reservoirs*

UPCOMING MONTHLY PRESENTATIONS FOR THE SPE WYOMING PETROLEUM SECTION

**[Mar 22, 2024 – Christopher Casad – Ultrerra Drilling Technologies –
Introduction to Ultrerra](#)**

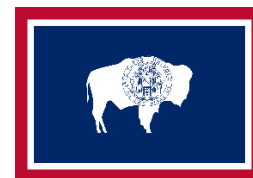
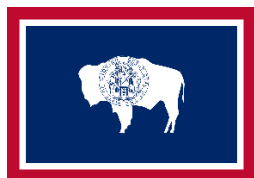
**[Apr 5, 2024 – SPE DL – Eric Ding – International Reservoir Technologies \(IRT\) –
Hydrocarbon Miscible EOR in Conventional and Unconventional Reservoirs](#)**





Society of Petroleum Engineers

Wyoming Petroleum Section March 2024 Newsletter <http://wyoming.spe.org/>



When: **March 22, 2024**

Where: Occasions by Cory

Time: 12:00 PM

RSVP at

wygeology@gmail.com



Event: Christopher Casad – Ultrerra Drilling Technologies –
Introduction to Ultrerra

Abstract:

An introduction to Ultrerra, a company that has been leading the development and innovation of drilling technology in the oilfield since 2005. This overview of the company will explore the history of Ultrerra and the numerous drilling technologies that are available today which include functional descriptions and illustrations, along with relevant performance case studies and an exploration into what the future of the company may hold. Learn about the process of designing a basin leading drill bit, and how that drives new product developments.

Biography:

Christopher Casad graduated from Rensselaer Polytechnic Institute in 2007 with a dual BS in Mechanical Engineering and Product Design Innovation. The inventor of the SplitBlade drill bit and BitLab web app, Chris has been with Ultrerra for over 14 years where he has lead teams of engineers and innovators alike that pioneered many of the company's foundational processes. Today, Mr. Casad leads the company's Marketing and Communications team.





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



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 2nd, 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

Membership Chair – SPE Wyoming Chapter

www.wyoming.spe.org



Wyoming Petroleum Section
SOCIETY OF PETROLEUM ENGINEERS
P.O. BOX 2154 – CASPER WY 82602



February 06, 2024

To Whom It May Concern:

The Wyoming Petroleum Section of the Society of Petroleum Engineers is accepting scholarship applications for the 2024-2025 school year. Applicants must be high school seniors intending to pursue a degree in petroleum engineering or a petroleum related field, or college students currently enrolled in petroleum engineering at an accredited university or college.

Each year the Wyoming Petroleum Section of the Society of Petroleum Engineers gives out thousands of dollars to worthy applicants from around the Rocky Mountain Region. We look for students who excel both academically and socially, have an interest in the petroleum industry, are involved with extracurricular activities, and are eager to contribute to the petroleum industry.

Please fill out the attached application and include a current official transcript. Any letters of recommendation from faculty or other individuals that can comment on the applicant's character and work ethic are also welcome.

Any undergraduate scholarship awarded by the Society of Petroleum Engineers is contingent upon the recipient being officially registered at an accredited university and enrolled in a curriculum leading to the degree of Bachelor of Science in Engineering. Please return the completed application along with any attachments by April 26, 2024 to the following address:

ATTN: Scholarship Chair
Wyoming Petroleum Section
Society of Petroleum Engineers
P.O. Box 2154
Casper, WY 82602

The scholarship committee will notify successful candidates by June 17, 2024. If you have any questions concerning this matter or if you require further information, please feel free to contact me at Luke.Opitz@Truecos.com

Sincerely,

Luke Opitz
Scholarship Chairman



Wyoming Petroleum Section
SOCIETY OF PETROLEUM ENGINEERS
P.O. BOX 2154 – CASPER WY 82602



(PLEASE TYPE OR PRINT IN INK)
(If additional space is needed, attach supplementary pages)

Name: _____ Date: _____

 Last First Middle

Home Address: _____ E-mail Address: _____

City: _____ State: _____ Zip: _____

Telephone: (____) _____ - _____

Date of Birth: _____ Place of Birth: _____

High School: _____ City, State: _____

Class Rank: (ex. 25/350) _____ / _____ Grade Point Average: _____

SAT Score: _____ Verbal: _____ Math: _____

ACT Score: _____ English: _____ Science: _____ Math: _____ Social Science: _____

Outside Activities: Offices held in student organizations, church, scouts, etc.

COLLEGE (Please supply official transcript)

Name of school attending or plan to attend: _____

Major Area of Study: _____

Class Standing (Spring 2024): (Fr, So, Jr, Sr): _____ Overall GPA: _____ Major GPA: _____

Expected Graduation Date: _____

List part or full time jobs you have held (a resume can be attached)

<u>Employer</u>	<u>Position</u>	<u>Dates</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please answer the following questions on a separate sheet:

1. What are your goals in college and your eventual career plans?
2. How and why have you become interested in the petroleum industry?
3. What knowledge do you currently have of the petroleum industry?

Signature of Applicant

Date

UPCOMING EVENTS

SPE Wyoming Petroleum Section

Continuing Education Yearly Program

April 25th 9am-11am



NOV's Rod Inspection Shop Tour (~1hr), followed by a brief lecture from NOV about rod inspection, rod guides, well check program, and failure optimization in relation to sucker rods.

NOV Tuboscope
6101 Zero Rd, Casper, WY 82604

Please RSVP (email or text) to Kendra by April 24th

Kendra.mickelson@kimmeridge.com

701-340-5203