

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/>

2021-2022 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	Kelly Meyers	Encompass Energy Consulting	266-3199	kelly@encompassenergyconsulting.com
Secretary	Marron Bingle-Davis	Sunshine Valley Petroleum	233-8737	marron@sunshinevalleypetroleum.com
Continuing Education	Vacant			
Membership Chair	Sabrina Hamner	WOGCC	234-7147	sabrina.hamner@wyo.gov

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The Nicholas Family





UPCOMING AREA MEETINGS

WYOMING GEOLOGICAL ASSOCIATION – All meetings at Occasions by Cory (see Calendar Page). Lunch Buffet served from 11:15 to 12:00 at a cost of \$20.00. Contact the WGA office at 237-0027 or wygeology@gmail.com for more information or to make reservations. **Reservations are mandatory and are due Tuesdays by 5 PM for that week's talk.**

April 1, 2022 (In Person): Davin Bagdonas – University of Wyoming - Center for Economic Geology Research – *Rare Earth Elements in Wyoming*

April 8, 2022: TBA

April 15, 2022 (Virtual Only): AAPG Digital Lecture via Zoom

April 22, 2022 (In Person): SPEE/SPE/WGA – Jacob Haseman – Throne Law Office – *Ethics in the Petroleum Industry – Issues and Overview*

April 29, 2022 (In Person): SPE – J.T. Mayo – Intrepid Potash – *Preventing Swelling of Ash Layers in the PRB During Hydraulic Fracturing Operations*

UPCOMING MONTHLY PRESENTATIONS FOR THE SPE WYOMING PETROLEUM SECTION

April 22, 2022 – Jacob Haseman – Throne Law Office – Ethics in the Petroleum Industry – Issues and Overview

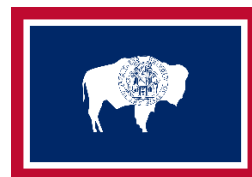
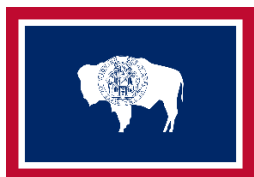
April 29, 2022 – J.T. Mayo – Intrepid Potash – Preventing Swelling of Ash Layers in the PRB During Hydraulic Fracturing Operations





Society of Petroleum Engineers

Wyoming Petroleum Section April 2022 Newsletter <http://wyoming.spe.org/>



When: **April 22, 2022**

RSVP at

Where: Occasions by Cory

wygeology@gmail.com

Time: 11:15 AM (\$20 for buffet lunch)



Event: **Jacob Haseman – Throne Law Office – Ethics in the Petroleum Industry – Issues and Overview**

BIOGRAPHY:

Jacob (Jake) T. Haseman is a Shareholder Attorney at Throne Law Office, P.C. and Vice President and Title Officer of Cowboy State Title, LLC. He maintains an active legal practice in Sheridan, Wyoming and has practiced law since 2007. Jake has significant experience with title examination, real property, and contracts, including comprehensive title review, opinions, and curative, escrow, water rights, environmental issues, eminent domain, easements, rights-of-way, and other real property encumbrances.

Jake's legal practice has traditionally focused on oil, gas, and water; particularly regulatory and administrative work in front of various state regulatory bodies, title examination and curative, litigation surrounding oil and gas, real property, contracts, and title issues, real estate transactions, eminent domain, and various title and contractual surface issues for a variety of parties in the energy and natural resources sector. Jake also has significant experience with coal, public lands, and environmental regulation.



Prior to relocating to Sheridan in 2008, Jake worked as an Honors Trial Attorney for the United States Department of Justice's Environment and Natural Resources Division, Natural Resources Section in Washington, D.C. Jake is a 2015 graduate of Leadership Wyoming and an active member of his community, currently serving as President of the Board for the Sheridan County YMCA and a board member for the Chandler H. and Mercedes K. Kibbee Foundation for Children. Jake is also an active alumni and supporter of both the University of Wyoming and the University of Wisconsin - Stevens Point, including serving as an Advisory Board member for the University of Wyoming's School of Energy Resource's Professional Land Management Program.

Jake was raised outside of Lafayette, Indiana. After receiving a natural resource based undergraduate education in Stevens Point, Wisconsin and before receiving his legal education in Laramie, Wyoming, Jake lived and worked in the Chugach National Forest in Alaska. Jake is an avid fly fisherman and enjoys exploring the mountains and open spaces of the West with his wife (Brenda), dog (Izzy), family and friends.

ABSTRACT:

- Introduction
- Duty to Comply with Professional Ethics Rules/Codes
 - Engineers:
 - Society of Petroleum Evaluation Engineers
 - Society of Professional Engineers (National Society of Professional Engineers)
 - State of Wyoming Board of Professional Engineers and Professional Land Surveyors
 - Geologists:
 - Wyoming Geological Association (American Association of Petroleum Geologists)
 - Wyoming Board of Professional Geologists
- Consequences of Unethical Conduct/Disciplinary Proceedings
- Common Ethical Issues
 - Conflicts of Interest
 - Confidentiality and Protecting Confidential Information
- Conclusion

When: **April 29, 2022**

RSVP at

Where: Occasions by Cory

wygeology@gmail.com

Time: 11:15 AM (\$20 for buffet lunch)



Event: J.T. Mayo – Intrepid Potash – Preventing Swelling of Ash Layers in the PRB During Hydraulic Fracturing Operations

BIOGRAPHY:

J. T. Mayo is a PhD Chemist that received his degree from Rice University. He spent most of his career developing hydraulic fracturing chemicals at Schlumberger before joining Intrepid Resources as the Research & Development Manager. During his time at Intrepid Resources, he has worked closely with W.D. Von Gonten Laboratories to study clay swelling in volcanic ash beds.



ABSTRACT:

Volcanic ash layers in the Powder River Basin are known to have dramatic swelling potential that can negatively impact production. Adding Potassium salts to hydraulic fracturing fluids have long been known to stabilize clay swelling, however, the ash layers of the Powder River Basin require more clay stabilization than is often utilized. Intrepid, working in conjunction with W.D. Von Gonten Labs in Houston, Texas has sought to identify the appropriate solution of salts that would effectively mitigate swelling in Volcanic ash clays. Here we present a study characterizing the swelling and softening impacts on ash layers from drilled cores in a variety of salt solutions and mixtures to determine an optimal fluid for clay stabilization in the volcanic ash layers of the Powder River Basin.



CALENDAR OF EVENTS and NEWS WYOMING PETROLEUM SECTION

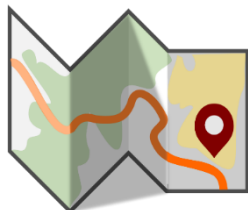


Due to our excellent participation in past continuing education events, we will continue to offer these as they become available. Our web address is <http://wyoming.spe.org>

The SPE Wyoming Petroleum Section has sent out letters requesting scholarship sponsors for the 2022 year. Please consider helping out these deserving students in their academic pursuits. Scholarships will be awarded in the Spring of 2022. If you need further information please contact Sabrina Hamner at: sabrina.hamner@wyo.gov



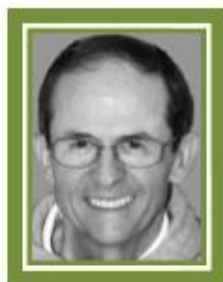
We appreciate your patience as we move meeting locations, which will now be held at the Occasions by Cory (old Lai Thai). Entrance is through the back of the building and then up the stairs.



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



UPCOMING OPPORTUNITIES



11th Annual Gene R. George Memorial Golf Tournament

Friday, June 24, 2022, 1:00 PM
Three Crowns Golf Course, Casper, Wyoming



Sponsorship Types

- ____ **Hole Sponsor - \$250**
◦ Includes sign at hole (Max 2 sponsors per hole)
- ____ **Pin Prize - \$200**
◦ Includes sign at hole (Max 1 sponsor per hole, covers prizes for longest drive, etc.)
- ____ **Driving Range - \$150**
◦ Includes sign at Driving Range
- ____ **General Support - \$_____**
◦ Covers general costs such as food, drink tickets, door prizes, etc.
- ____ **Additional Donation to Scholarships - \$_____**
◦ Applied directly to scholarships in addition to sponsorship.

All sponsors will be recognized through signage and announcements during the tournament.
All proceeds go directly to SME, SPE, WGA and WAPL scholarships to support our future scientists!

Company Name: _____

Mailing Address: _____

Company Contact: _____

Phone Number: _____

Email Address: _____

Payment: Check #: _____ CC #: _____
WGA Tax ID: 83-6060963 Payable to Wyoming Geological Association EXP: _____

Please email completed forms and logo (.eps
format preferred): genegeorge.golf@gmail.com

or snail mail completed forms to
WGA, P.O. Box 545, Casper, WY 82602.

General information:

- Email - genegeorge.golf@gmail.com
- Graeme Finley: 307-247-1454
- Kelly Meyers: 307-250-2790
- Dayton Lewis: 307-267-6828

