

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/>

2017-2018 Wyoming Petroleum Section				
Section Chairman	Dave Chase	BLM	261-7685	dchase@blm.gov
Treasurer	Julie Cruse	Scientific Drilling	472-6621	julie.cruse@scientificdrilling.com
Scholarship Chair	Luke Opitz	Moser Energy Systems	234-7833	luke@moseres.com
Program Chairman	Dave Chase	BLM	261-7685	dchase@blm.gov
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Continuing Education	Mike Bingle-Davis	Kirkwood Oil and Gas	577-5311	mikeb@kirkwoodcompanies.com
Membership Chair	Sabrina Hamner	WYOGCC	234-7147	sabrina.hamner@wyo.gov

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UPCOMING AREA MEETINGS

WYOMING GEOLOGICAL ASSOCIATION – All meetings at the Black Gold Grille (see Calendar Page). Lunch Buffet served from 11:15 to 12:00 at a cost of \$13.00. Contact the WGA office at 237-0027 for more information or to make reservations.

March 2, 2018 : John Goss – WY Veterans Memorial Museum – Casper Army Air Base Acreage

March 9, 2018: Patrick Rutty (SPE) – Drillinginfo – Interference: Quantifying the Impact of Well Spacing and Drilling & Completion Variables on Production

March 16, 2018: Craig Beveridge – Owen Oil Tools – Perforating for Hydraulic Fracture Treatment

March 23, 2018: Rachel Toner and Jim Stafford –
WY State Geological Survey – WSGS Interactive Web Maps

March 30, 2018: No Meeting – Happy Easter!!

UPCOMING MONTHLY PRESENTATIONS FOR THE SPE WYOMING PETROLEUM SECTION

March 9, 2018: Patrick Rutty – Drillinginfo – Interference: Quantifying the Impact of Well Spacing and Drilling & Completion Variables on Production

April 11, 2018: TBD

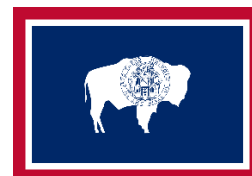
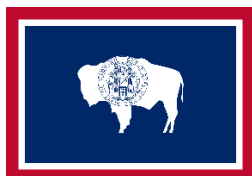




Society of Petroleum Engineers

Wyoming Petroleum Section March 2018 Newsletter

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



When: Friday, March 9, 2018
Where: Black Gold Grille
Time: 11:15 AM (\$13.00 for buffet lunch)

Please notify Dave Chase at 261-7685 by noon on Thursday, March 8, 2018 if you plan to attend. Please utilize this service so that we can give the Black Gold Grille an accurate headcount.

Event: Patrick Rutty – Drillinginfo –
Interference: Quantifying the impact of well spacing and drilling & completion variables on production



Biography:

Patrick Rutty is Drillinginfo's Senior Product Manager - Transform, responsible for ongoing development of the company's GG&E interpretation and analytics software. Prior to joining DI he served as VP- Exploration/New Ventures at Fidelity E&P, exploring numerous Rocky Mountain oil plays. Other roles have included Geophysical Advisor at Anschutz Exploration, Exploration Manager at Hungarian Horizon Energy, and earlier stints with Aspect Energy, Saudi Aramco, Sonat Exploration, and Amoco. Patrick holds a B.A. in Earth Sciences from Dartmouth College and an M.S. in Exploration and Development Geophysics from Stanford University.



Abstract:

How many wells should I plan in an undrilled unit? How much negative impact will a poor completion have in high quality reservoir rock? What drilling and completion parameters are required to deliver economic wells in Tier II rock? Engineers and geoscientists working in unconventional plays face questions like these virtually every day. This workflow-based talk will focus on using geologic, drilling, and completion data as input to a multivariate statistical analysis to predict EUR in the Middle Bakken in Mountrail County, North Dakota. In this way, we arrive at answers much richer than historically obtained from attempts to simplify the problem to a set of bivariate (crossplot) relationships.



CALENDAR OF EVENTS and NEWS WYOMING PETROLEUM SECTION

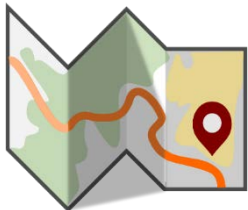


Due to our excellent participation in past continuing education events, we will continue to offer these as they become available. Our new web address is <http://wyoming.spe.org>

The SPE Wyoming Petroleum Section has sent letters requesting sponsors for the 2018 school year. 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 Black Gold Grille



BLACK GOLD GRILLE
1650 ENGLISH AVENUE
CASPER



Congrats!



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CONGRATULATIONS! The Wyoming Petroleum Section has been selected as the biannual winner of the SPE Section Membership Competition.



UPCOMING EDUCATION OPPORTUNITIES

April 2018 Short Course Oil and Gas Law for Geologists

At the Denver Place
999 Eighteenth Street, Denver, Colorado 80202

Registration opens on 1/15/18 at 8:00am.
Register at www.rmag.org.

Member: \$300 | Non-Member: \$350 | Student: \$150

April 11-12, 2018

Ralph A. Cantafio - Partner and Attorney

Abstract

Petroleum geologists play a vital role in oil discovery, and a diverse cross-section of upstream activities, but often possess only a dim understanding of the often parallel legal process that is advancing simultaneously with the work being done by their professional counterparts. This short-course aims to provide a sound legal foundation to these scientists focusing on the issues that arise impacting the oil and gas industry.

Oil and Gas Law for Geologists will address essential factual, legal, regulatory, political and legislative issues to provide a more broad-based appreciation and awareness of these issues to equip the learner and his or her organization for more efficient business and work product management in light of the significant legal challenges that arise in the exploration and production of oil and gas. An objective of this class is to not make petroleum geologists into lawyers, but to provide a broader understanding of how the legal process impacts the identification and development of oil and gas assets.

This course will examine the legal theories upon what the oil and gas industry has utilized and applied, methods for acquiring developmental rights, review basic contracts and agreements customarily used in the oil and gas industry, analyze the fundamentals of oil and gas permitting, and examine the subtleties of property and mineral ownership. There will be considerable attention dedicated to reviewing and understanding legal theory, contracts, deeds, and a wide array of agreements typically used in permitting, the entitlement process, and development of oil and gas assets.

Students will be exposed to the essentials necessary for organizations to draft, negotiate, implement, and secure land-use approvals, lending the petroleum geologist a better appreciation as to how their discipline works into the greater scheme of the oil and gas industry. The instructor will provide case studies, use PowerPoint presentations, and allow for open discussion as learning tools used in this course.

Biography

With an extensive history in law and knowledge of the Oil and Gas industry, Ralph Cantafio has worked in Alaska, Colorado, North Dakota, Texas, Utah, and Wyoming. Not only is Ralph a shareholder of a law firm in Steamboat Springs, Colorado, that emphasizes oil and gas law, but he is also an instructor in several classes. Ralph currently teaches in the Global Energy Management Program at the University of Colorado-Denver. He has also lectured foreign professionals, primarily from Nigeria and China, focusing on international natural resources law.

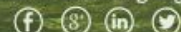
His education includes not only a Juris Doctorate from the University of Colorado School of Law, but also a Master of Science in Mineral Economics from the prestigious Colorado School of Mines and a Master of Science in Energy Management from the University of Colorado-Denver, where he now teaches. With two professional oil and gas law certifications, numerous industry presentations, Ralph's knowledge of the oil and gas industry is extensive.

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****Members - Please Phone in Reservations for Meetings ****

Dave Chase is taking phone reservations for meetings at 261-7685. Please take a little extra time and utilize this service so that an accurate headcount can be given to the venue for their meal preparation. This also helps us to get scheduled into a meeting room that is adequately sized for our meetings. Your help in this matter is greatly appreciated