

SOCIETY OF PETROLEUM ENGINEERS

Wyoming Petroleum Section
Mike 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	Power Service	258-5075	lopitz@powerserviceinc.com
Program Chairman	Dave Chase	BLM	261-7685	dchase@blm.gov
Secretary	Mike Bingle-Davis	Kirkwood Oil and Gas	577-5311	mikeb@kirkwoodcompanies.com
Continuing Education	Accepting Applicants			
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.

October 6, 2017 : Bernard Bonifas – Energy Fuels – Uranium Industry Overview

October 13, 2017: Richard Eckles – Pipe Dogs Inc. – Leak Detection Process Using Trained Dogs

October 20, 2017: Laura Vietti – UWYO – Whale Fall Scavenging Successions

October 27, 2017: Joe Nicholas (SPE) – FDL Energy – Production Optimization in a Dry CO2 Flood

UPCOMING MONTHLY PRESENTATIONS FOR THE SPE WYOMING PETROLEUM SECTION

October 27, 2017: Joe Nicholas – FDL Energy

November 17, 2017: Justin Boltz – Gyrodata Incorporated

December 8, 2017: Salim Taoutaou – Schlumberger – SPE DISTINGUISHED LECTURER





Society of Petroleum Engineers



Wyoming Petroleum Section October 2017 Newsletter

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



When: Friday, October 27, 2017
Where: Black Gold Grille
Time: 11:15 AM (\$13.00 for buffet lunch)

Please notify Dave Chase at 261-7685 by noon on Tuesday, October 24, 2017 if you plan to attend. Please utilize this service so that we can give the Black Gold Grill an accurate headcount.

Event: Joe Nicholas – Fleur de Lis Energy LLC – Production Optimization in a Dry CO₂ Flood



Biography:

Joe Nicholas earned his Bachelors of Science in Chemical Engineering from the University of Wyoming in 2002. Upon graduation, Joe worked for Conoco Phillips as a Drillsite Petroleum Engineer in Anchorage, AK. Joe later returned to school, completing a PhD in Chemical Engineering at the Colorado School of Miner with an emphasis in gas hydrate flow assurance. Joe then worked with several of his current colleagues at Merit Energy in Dallas, TX, before returning to Wyoming for Nerd Gas Company. Joe joined FDL as the Rockies Region Manager in March 2015 and is currently responsible for EOR floods at Monell and Salt Creek. Joe is a registered Professional Engineer in Petroleum Engineering (Wyoming).



Abstract:

The Monell Unit was discovered in 1959 and produced under primary production from 1960-1966 with a peak production of 25,000 bpd. The field was subsequently waterflooded prior to CO₂ injection beginning in 2003. Similar to most CO₂ fields in the Rockies, freezing issues present operational hurdles as CO₂ is produced and fluid pressure drops below supercritical conditions. Monell utilizes slipstream water at the wellhead to prevent freezing via (1) cyclically bullheading water down the tubing and (2) injecting water through a mandrel. Optimizing slipstream temperatures and volumes is critical to minimizing bottom hole pressure and maximizing production.





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>

Continuing Education SPE Board position available next year, please contact a current SPE Board member if interested



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**



SPE Casper Chapter awarded 14 scholarships this year – thank you for your continued support



****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