

SOCIETY OF PETROLEUM ENGINEERS

Wyoming Petroleum Section
 Marron Bingle-Davis, Secretary
 P.O. Box 2154
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Section Website For Latest News:
<http://wyoming.spe.org/>

2020-2021 Wyoming Petroleum Section				
Section Chairman	Dave Chase	BLM	261-7685	dchase@blm.gov
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UPCOMING AREA MEETINGS

WYOMING GEOLOGICAL ASSOCIATION –

All **WGA/SPE IN-PERSON MEETINGS FOR THE REST OF THE YEAR HAVE BEEN CANCELLED** due to the COVID-19 pandemic. We will be reevaluating in-person meetings for 2021. The **BELOW TALKS ARE HOSTED VIRTUALLY FRIDAYS AT NOON**. If you would like to attend these virtual talks, please RSVP to wygeology@gmail.com by Thursday to receive the meeting information.

December 4, 2020: Virtual SPE Distinguished Lecturer – John de Wardt – DE WARDT AND COMPANY – Drilling Automation is Here: Propagation, Pitfalls, Profits & Production

December 11, 2020: David Vardiman – Sanford Underground Research Facility – The Ultimate in Recycling: Development of the Sanford Underground Research Facility

December 18, 2020: No Presentation – Due to the current situation, we will not be having an in-person Annual WGA/SPE/Geowives Christmas Party

December 25, 2020: No Presentation – Merry Christmas!! We wish you and yours a very Merry Christmas and Happy New Year – Stay healthy and safe this holiday season



UPCOMING MONTHLY PRESENTATIONS FOR THE SPE WYOMING PETROLEUM SECTION

[December 4 SPE Meeting – Virtual SPE Distinguished Lecturer: John de Wardt - DE WARDT AND COMPANY - Drilling Automation is Here: Propagation, Pitfalls, Profits & Production](#)

[January SPE Meeting - TBA](#)

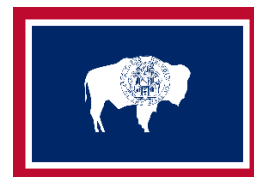
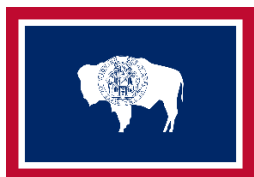




Society of Petroleum Engineers

Wyoming Petroleum Section December 2020 Newsletter

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



When: **December 4, 2020**
Where: **VIRTUAL MEETING**
Time: **12:00 PM**

RSVP to
wygeology@gmail.com
for meeting link



Event: **John de Wardt – DE WARDT AND COMPANY –
Drilling Automation is Here: Propagation, Pitfalls,
Profits & Production**

BIOGRAPHY:

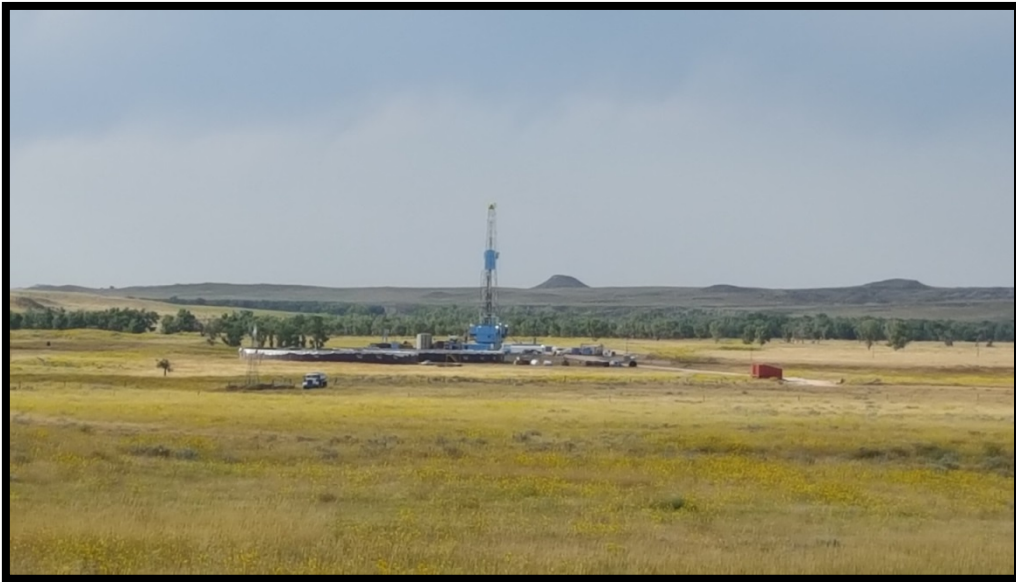
John de Wardt is a recognized Upstream Global Consultant with a 43-year career: he consults to operators, NOC's, service companies, drilling contractors, OEM's, investors, academia. He previously held engineering / management positions with Shell, Forasol / Foramer and Halliburton. John has lived / worked in 33 countries; is Program Manager DSA Roadmap & DSABOK™, Board Member of SPE DSATS, lecturer / doctoral advisor at Colorado School of Mines. John graduated with a BSc Hons degree in Mechanical Engineering, became a Chartered Engineer and was elected a Fellow of the Institution of Mechanical Engineers and a Distinguished Member of SPE. John has Published 28 papers, led 19 industry forums / workshops and committee member SPE / IADC Drilling Conference for 19 years.



ABSTRACT:

Drilling Automation is a fast-growing technology application that impacts all companies and all disciplines connected to well construction. Technology applications are being developed by large and small companies. Rising data demands are uncovering source data quality issues that also affect data analytics. Automation will not be an all or nothing proposition, humans will still perform roles in the automation loops according to the balance of sensor data quality, algorithm capability, operational uncertainty and human capacity. Drilling programs are rapidly being digitized for greater collaboration and learning efficacy, providing the input to automated drilling systems. The value proposition of automated drilling is moving from

time saved by drilling performance to increasing well productivity and reducing well operating costs. A multidiscipline approach to drilling systems automation (DSA) adoption focused on drilling duration, well productivity and well operation yields the greatest value. This SPE Distinguished Lecture presentation view is holistic and industry neutral (agnostic) benefiting all participants. There is no single solution; there is room for everybody to learn to participate. The key idea from this lecture: DSA is advancing rapidly; understanding how a holistic view encompassing drilling, subsurface and production enables knowledgeable implementation decisions for adoption by users and providers drives maximize value.



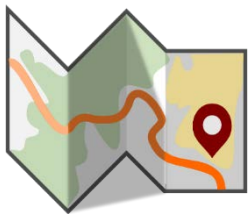


CALENDAR OF EVENTS and NEWS WYOMING PETROLEUM SECTION



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 2021 year. Please consider helping out these deserving students in their academic pursuits. Scholarships will be awarded in the Spring of 2021. If you need further information please contact Sabrina Hamner at: sabrina.hamner@wyo.gov



**MEETINGS ARE VIRTUAL
UNTIL FURTHER NOTICE!!**

**RSVP TO wygeology@gmail.com
FOR LINK TO SEE TALKS VIA ZOOM**