

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/>

2018-2019 Wyoming Petroleum Section				
Section Chairman	Dave Chase	BLM	261-7685	dchase@blm.gov
Treasurer	Julie Cruse	Scientific Drilling	472-6621	julie.cruse@scientificdrilling.com
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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 Silver Fox Steakhouse (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 for more information or to make reservations.

November 2, 2018: Po Chen – University of Wyoming – *4D Seismic Sequestration*

November 9, 2018: No Meeting

November 12, 2018 (Monday): Charles Pope (SPE) – Complete Shale – *Stop, Drop And Circulate, An Engineered Approach To Coiled Tubing Intervention in Horizontal Wells*

November 16, 2018: Bart Rea – *Post WWII Mapping of Antarctica and Caribbean*

November 23, 2018: No Meeting – Happy Thanksgiving

November 30, 2018: Erin Campbell-Stone – WSGS – *Update on Current Works of the WSGS*

UPCOMING MONTHLY PRESENTATIONS FOR THE SPE WYOMING PETROLEUM SECTION

November 12, 2018 (Monday): Charles Pope (SPE DL) – Complete Shale – *Stop, Drop And Circulate, An Engineered Approach To Coiled Tubing Intervention in Horizontal Wells*

December 5, 2018 – SPE/WGA Christmas Party





Society of Petroleum Engineers

Wyoming Petroleum Section November 2018 Newsletter

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



When: Monday, November 12, 2018
Where: Silver Fox Steakhouse
Time: 11:15 AM (\$20.00 for buffet lunch)

RSVPs are now mandatory for attendance and to streamline this process, please notify Brianna at the WGA office at 237-0027 or info@wyogeo.org by noon on Friday, Nov. 9, 2018 if you plan to attend.

Event: **Charles Pope – Complete Shale – Stop, Drop And Circulate, An Engineered Approach To Coiled Tubing Intervention in Horizontal Wells**



Abstract:

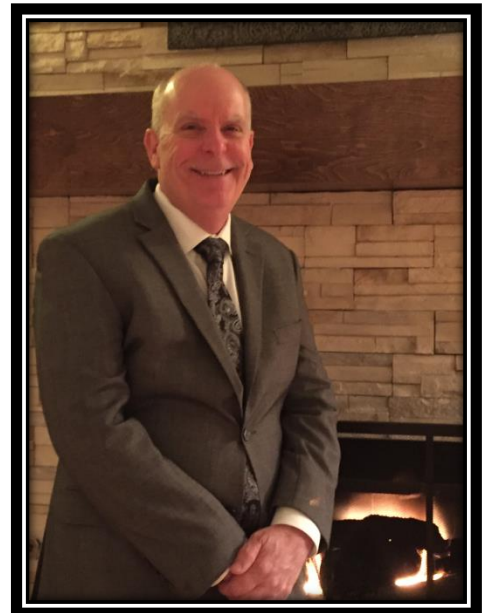
In North America, the average cost of a coiled tubing intervention is \$250,000. Experience shows that 30% of the wells will have cost overruns of more than \$500,000. Additionally, 1 well in 16 has a stuck pipe event and consequently, the costs escalates to an average of \$1.7 million per well.

This talk will share how and where coiled tubing is used around the world. Historical practices are reviewed and the issues associated with them.

Also, the need for engineering involvement to improve the coiled tubing intervention will be . This includes a road map for expected drag, detailed time modeling, fluid system planning and data capture. Planned short trips have been eliminated. Low viscosity fluids are used to provide superior hole cleaning. When overpull is observed, operators should stop pulling out of the hole, drop down, and circulate until the debris is removed.

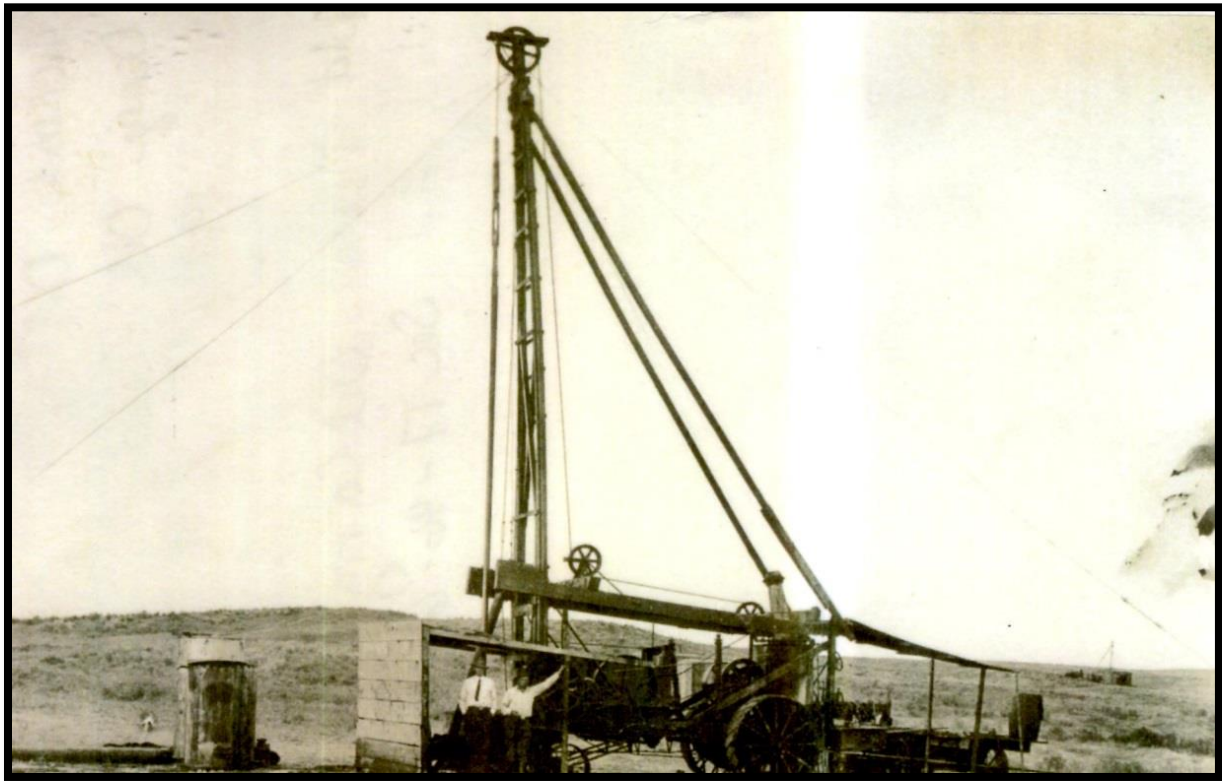
This engineered solution has been performed on over 75 coiled tubing interventions. These procedural improvements reduced time on location by 50%, reduced cost by 50% and prevented any stuck pipe.

One take away: old, historical practices are not your friend in preventing stuck pipe. The solution: stop, drop and circulate.



Biography:

Charles Pope is the founder of Complete Shale, an international consulting firm specializing in drilling and completing horizontal wells. Charles has spent more than 35 years working in the oilfield. He completed the first horizontal well in the Austin Chalk in the late 1980's. Charles serves on the SPE ATCE Well Completions Committee and SPE Workshop: Application of Integrated Diagnostics for Unconventional Resource Development Committee. He has authored multiple technical papers. While working at Devon, he was the Completions Technology Supervisor, where he led a team focused on optimizing coiled tubing interventions. He has held various positions with Sun, XTO Energy and Pinnacle Technology. Charles formed Complete Shale 2008. He holds a Bachelor of Science in Petroleum Engineering from the University of Oklahoma. Charles will serve as a SPE Distinguished Lecturer for 2018-2019.





CALENDAR OF EVENTS and NEWS WYOMING PETROLEUM SECTION

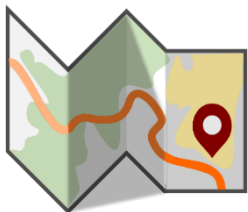


Due to our excellent participation in past continuing education events, we will continue to offer these as they become available. Our new web address is <http://wyoming.spe.org>

The SPE Wyoming Petroleum Section will be sending out letters requesting scholarship sponsors for the 2019 year in mid November. Scholarships will be awarded in the Spring of 2019. 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 Silver Fox Steakhouse



SILVER FOX STEAKHOUSE
3422 ENERGY LANE
CASPER, WY 82604



SAVE THE DATE

**Annual SPE/WGA Christmas Party is scheduled for
December 5, 2018 at the Nicolaysen Art Museum.
More details to come.**

UPCOMING EDUCATION OPPORTUNITIES

2018 API ANNUAL MEETING

Thursday, November 8th

Cocktails at 530pm

Presentation begins at 600pm



C85 Wonder Bar (upstairs)

256 S. Center St.

Casper, WY

Please join us for finger food and cocktails to be followed by guest speaker *Leo Giangiacomo P.E. - President of Extreme Petroleum Technology* who will discuss:

KEYS TO IGNITING THE POWDER RIVER BASIN

We will also be introducing the 2018/2019 board members, renewing memberships and accepting new members

Please RSVP by November 1st to vbailey@cobrawelltesters.com



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

Brianna MaFarland with WGA is taking phone reservations for meetings at 307-237-0027 or info@wyogeo.org. RSVP is now mandatory for attendance so please take a little extra time and call or email 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.