

COMMITTEE REPORTS

WATER COMMITTEE

Tim Reed, Concho Resources

The most recent Water Committee meeting was held on December 4, 2018 at the Concho office in Midland, Texas. Mr. Robert Mitchell, Partner/CTO with Oilfield Labs of America gave an excellent presentation on Completion Fluids and Water Compatibility. Mr. Mitchell's presentation cited various issues and examples of the importance of understanding all of the frac component compatibilities of materials, water, chemicals, and formational conditions present when completing wells in order to optimize longevity of production and help minimize scaling and corrosion issues. After his presentation there was a question and answer period. Feedback from participants was extremely positive. Stephen Robertson with PBPA then outlined two bills pre-filed before the 86th Texas Legislative Session that pertained to water issues and will continue to follow their progress as well as gather additional information on the intent of the bills.

The next meeting is tentatively scheduled for February 2019.

Potential future topics for presentation and discussion include the following:

Updates to Permian Basin area regulatory issues (including state local and federal topics) which affect water from various aspects.

Updates on water handling and disposal issues including seismic monitoring and associated studies.

Possible presentation/panel discussion on overall water system management: challenges including sourcing, storage, transportation, recycling, regulatory, environmental and disposal.

Aquifer Storage and Recovery (ASR). Presentation to discuss and explain the processes involved as well as advantages and limitations of ASR.