Gas Well Deliquification Breakout Session

Deliquification Issues with Horizontal Wells

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Session Purpose: To promote an open-forum discussion about operator’s tests/trials, successes/failures, and lessons learned with any form of AL. Also, to present visuals of lateral loading and discuss ideas/resolutions.

Number of Attendees

- Operating Companies - 140
- Service/Supply Companies - 15

Duration of Session

1 hour 15 minutes
Primary Discussion Points

- Wellbore trajectory is main proponent of fluid/gas slugging. Logging can help gain a better understanding of this and help dictate improved drilling parameters.
- Trial & error may be the best method to find what works best for your particular well’s AL needs.
- No form of AL has proven to be a definitive fix for Hz well loading, each has its own shortcomings and benefits.
- Operators need to work close with vendors to express needs and push for improved product performance.
- Most had limited faith in their flow models results, likely due to their wells changes in flow dynamics and inflow over short intervals of time.
Summary

• Key Learings:
  • Many operators are waiting for resolution for our liquid loading needs rather than attacking the issue themselves or with help from service providers.
  • We lack sufficient and accurate flow modeling programs.
  • Products for analyzing and remediating loading are available, but the benefits and widows of application may not be made visible enough by the vendors.
  • More effort must be made to push the limits of AL.

• Should This Session Be Repeated in the Future:
  • Definitely, yes.
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