Real-Time Stimulation Viewer

Web-based remote job monitoring via the InterACT service

APPLICATIONS

- Hydraulic fracturing operations
- Acid fracturing or matrix stimulation operations
- Land or offshore stimulation operations

BENEFITS

- Monitors stimulation operations securely and in real time from any remote PC, tablet, or mobile device without additional software installation
- Simplifies decision making and real-time collaboration to optimize stimulation design and maximize treatment efficiency

FEATURES

- Secure HTTPS connection
- Real-time data visualization
  - Pressure, rate, and concentration (PRC) plots
  - Fluid plots
  - User charts
- Layout customization per well or user
- Mobile platform support (iOS and Android)
- One click to toggle between live stages in multiple wells
- Overlay and comparison of live stage to previous stage or stages for any well in real time
- Ability to download static data files in real time for further study
- Real-time wellbore schematic illustrating proppant and fluid movement
- Custom layouts and capability to share with others

The real-time stimulation viewer delivers real-time job data from stimulation operations to any remote PC, tablet, or mobile device, simplifying collaboration and analysis to maximize performance. Because it is a web-based viewer, no software installation is required, but users can add the web app to a home screen for easy access. Users log in with credentials for the InterACT* global connectivity, collaboration, and information service.

In the viewer, users see a well diagram, data tables, PRC plots, additive plots, and job comments entered by the wellsite operations supervisor. For users who need to monitor simultaneous operations on multiple wells, a one-button live view option populates a list of all active stages, enabling quick selection and viewing of the job data for a desired stage.

Improve performance with analysis

A stage comparison feature enables users to compare a live stage with a previous stage from any of their published data folders. The user can overlay data to any point in the job—job start, point of maximum treating pressure, proppant start, instantaneous shut-in pressure (ISIP), or any other useful metric. Analyzing and comparing stages can enable improvements in subsequent stages by highlighting performance improvements from changes to fluids, proppant ramp, or other schedules.

The viewer also enables rapid download of static data for deeper analysis, such as postjob G-function or skin factor analysis, in external software. This means you can analyze and improve stimulation designs between stages, maximizing performance for unexpected or unusual reservoir conditions.
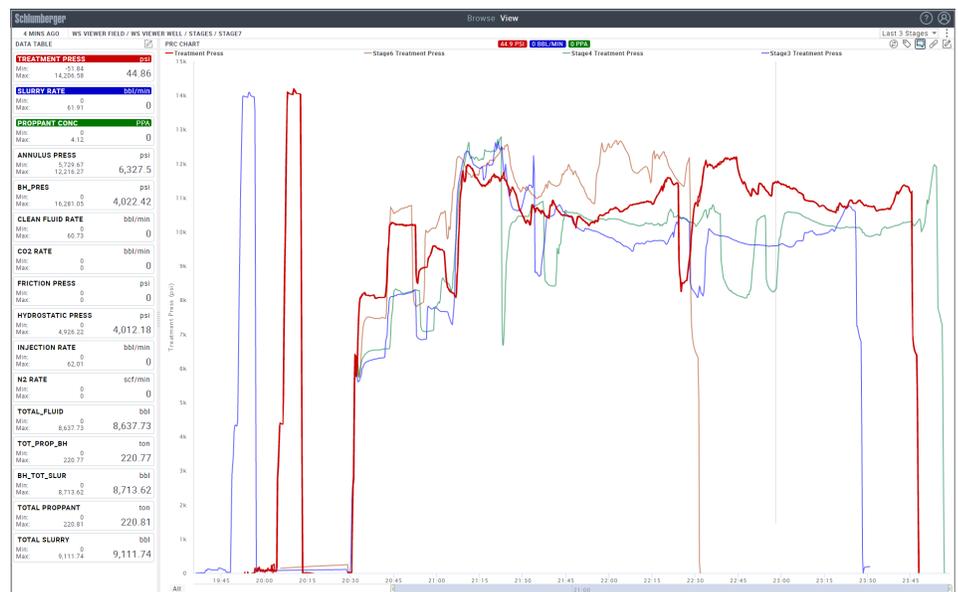
Monitor stimulation operations remotely from a PC, tablet, or mobile device using the real-time stimulation viewer.

Real-Time Stimulation Viewer

System and license requirements

The web-based application requires Internet connectivity and credentials for the InterACT service.

Recommended browsers

- Desktop and mobile (Android): Chrome
- iOS: Safari

Internet Explorer is not supported.

By comparing stages in a well or between wells, users can easily see how stimulation design changes affect operational performance and efficiency.

slb.com/stimulation

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