2014

WVU Well Log Viewer

User Guide

Log Viewer

WVU Well log viewer is a web enabled application to quickly visualize and interpret well log data. User can upload a LAS file to the log viewer and visualize logs in different tracks. At present, viewer can automatically display gamma ray logs, caliper logs, spectral gamma ray logs, resistivity-induction logs, density log, neutron log, bulk density log, PE index logs and formation tops. The viewer also interprets spectral gamma ray and plots colorlith for Th/U-Th/K which makes it easier to identify Leached-U and Fixed-U zones. Additionally, user has the ability to assign tracks for any additional log. At present, a maximum of 5 logs can be plotted in a single track.
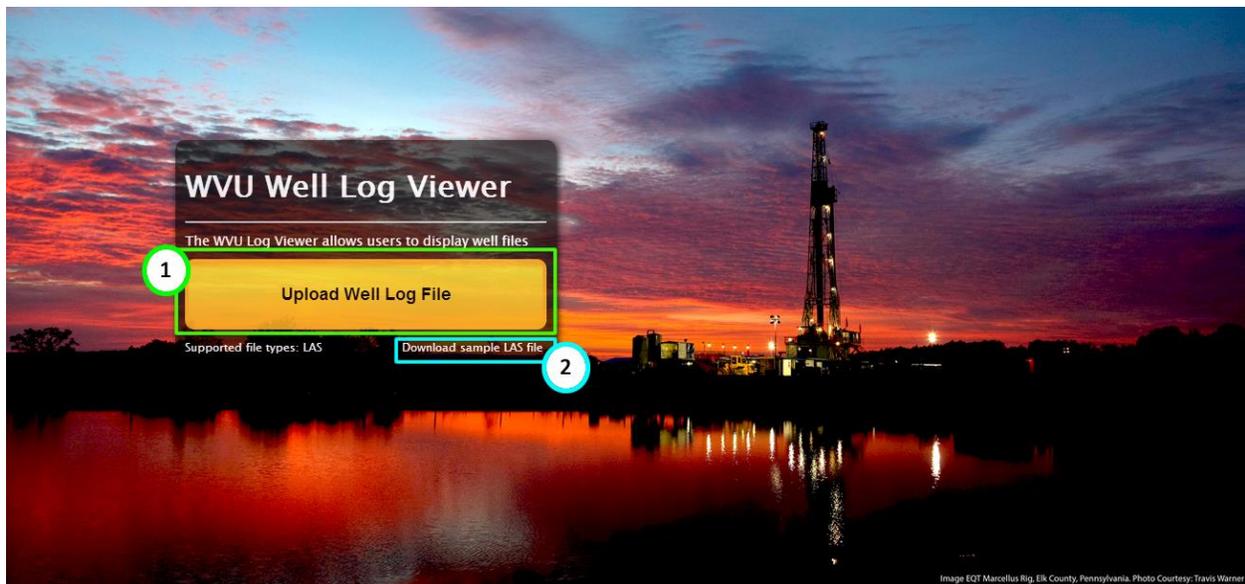
Image: EQT Marcellus Rig. Elk County, Pennsylvania. Photo Courtesy: Travis Warner

1) **Upload Well Log File:** User can upload a LAS file
2) **Download sample LAS file:** User can download sample LAS file to view in the Well Log Viewer
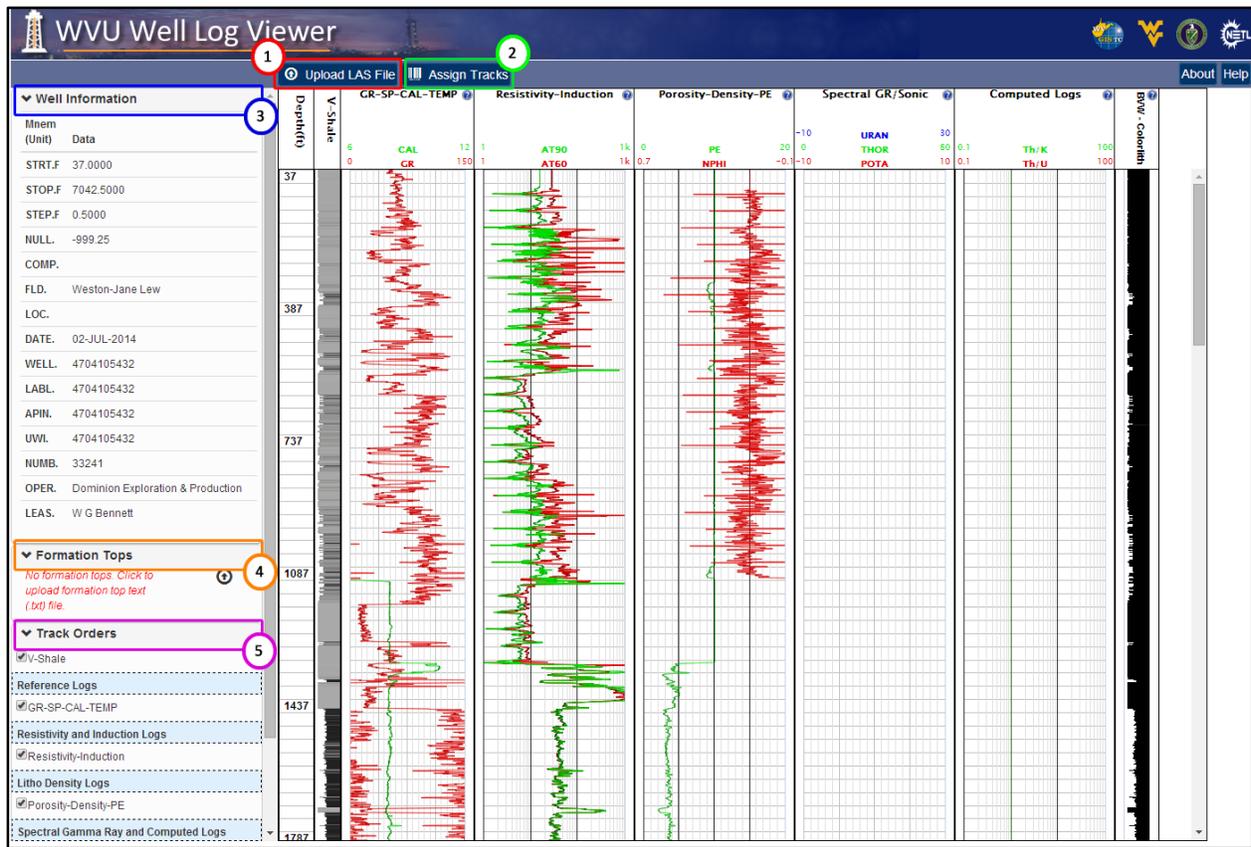
Sample LAS file upload into the Well Log Viewer

1) **Upload LAS file:** User can upload a new LAS file

2) **Assign Tracks:** User can click on assign tracks button and choose specific tracks for the logs

   A. Change tracks for a specific log
   B. Set scale range for a track

3) **Well Information:** User can view detailed well information

4) **Formation Tops:** User can view formation information or upload formation information if it is not part of the LAS file

5) **Track Order:** User can turn on/off track order by clicking on check box
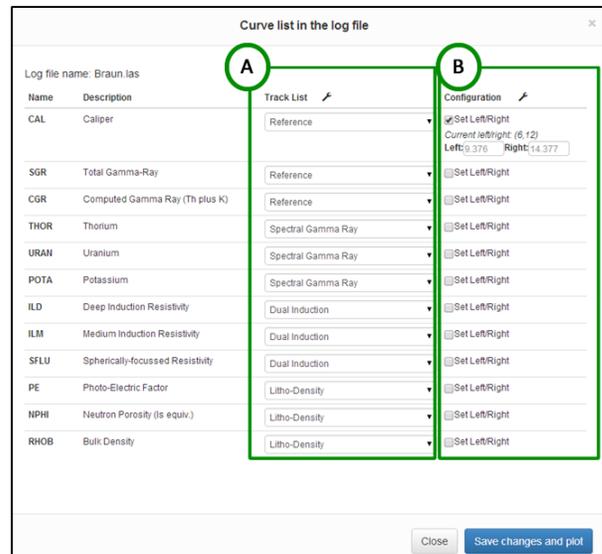
Assign Tracks

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