

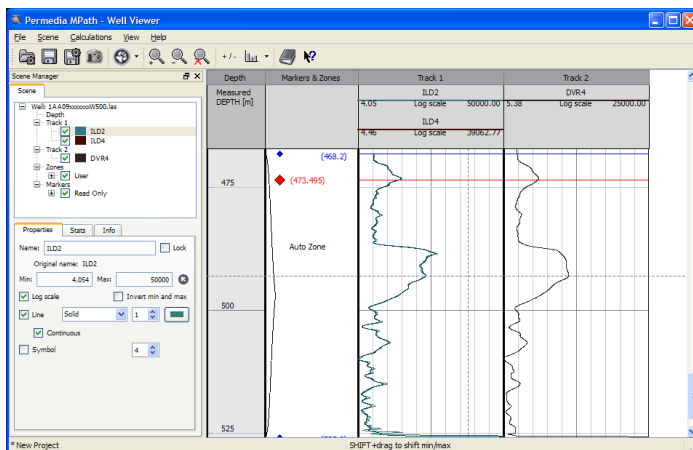


MPath Spotlights – Well Viewer

Visualizing well data

MPath's Well Viewer is an easy-to-use tool for viewing data against depth. Using Well Viewer, you can open any Log ASCII Standard (.las) file and view curve data against any other well data.

1. Open the LAS file in Well Viewer.
(To do this, in the main window under Wells, right-click the LAS file and choose Open in Well Viewer.)
2. Select the traces to display in tracks and click Continue.
3. To add traces to tracks, right-click the track and choose Add Traces, then select the traces and click OK. The image below shows ILD (deep induction resistivity).
4. To co-render data from other wells, from the File menu, choose Load, select a well, and click OK. The traces from the second well are now available to add to tracks.



Wireline log data

You can also co-render a variety of other data, including maps, meshes, and volumes:

- Drag and drop any map into Well Viewer to display markers at the intersection point with the well.
- Drop in a seismic volume to extract values along the well path.
- Drop in any basin modeling mesh to extract mesh zones and properties. Well Viewer extracts the selected mesh data where it intersects the well and displays mesh properties as traces. Well Viewer also creates markers at the boundary between each mesh layer, and zones for each layer.
- Drop in curves or tables to see calibration or geochemistry data plotted as traces alongside your well data.

Use the Scene Manager to set trace and track properties such as line style, thickness and color.

Use Well Viewer's equation and scripting support to create any number of traces on the fly based on existing traces, or other data added to the scene.

Save your session as a well project to preserve open traces and calculations.

Other things to try

In conjunction with Table Editor, Well Viewer can be used as a stand-alone tool with which to examine data in any ASCII file. In this way, you can display wireline log data from a well against, for example, measured core and sidewall core porosity from a text file.

1. Open an ASCII file with columnar data in Table Editor.
(To do this, in the main window under Text Files, right-click the file and choose Open in Table Editor.)

1	2	3	4	5	6	7
Depth	Kh	Kv	Poro	So	Sw	Description
2105.5	128	110	21.9	1.1	55.8	core
2096.5	2.26	2	18.2	-999	48.8	core
1616	303	-999	21.6	-999	-999	sidewall
1617	488	-999	22	-999	-999	sidewall
1618	500	-999	21.3	-999	-999	sidewall
1619	58	-999	18.6	-999	-999	sidewall
1620	64	-999	24.6	-999	-999	sidewall
1660	13	-999	19	-999	-999	sidewall
1661	265	-999	20.3	-999	-999	sidewall
1662	311	-999	22.1	-999	-999	sidewall
1663	244	-999	26.2	-999	-999	sidewall
2044	0.92	-999	16.3	-999	-999	sidewall
2046	0.34	-999	14.6	-999	-999	sidewall
2049	6.88	-999	18.1	-999	-999	sidewall
2052	14	-999	19.2	-999	-999	sidewall
2056	2.98	-999	16.7	-999	-999	sidewall
2063	10	-999	19.1	-999	-999	sidewall
2064	7.62	-999	18.4	-999	-999	sidewall
2066	3.34	-999	17	-999	-999	sidewall

Petrophysical data in an ASCII file

2. From the View menu, choose Well Viewer.
3. Choose the column of data specifying depth values from the Measured depth drop-down menu.
4. Click OK. The data is displayed in Well Viewer.