

## Merging 3D Diagrams Within RockWorks

3/22/22

Diagrams can be merged into an existing diagram within the *RockWorks / RockPlot3D* program by selecting the **File / Append** option (Figure 1).

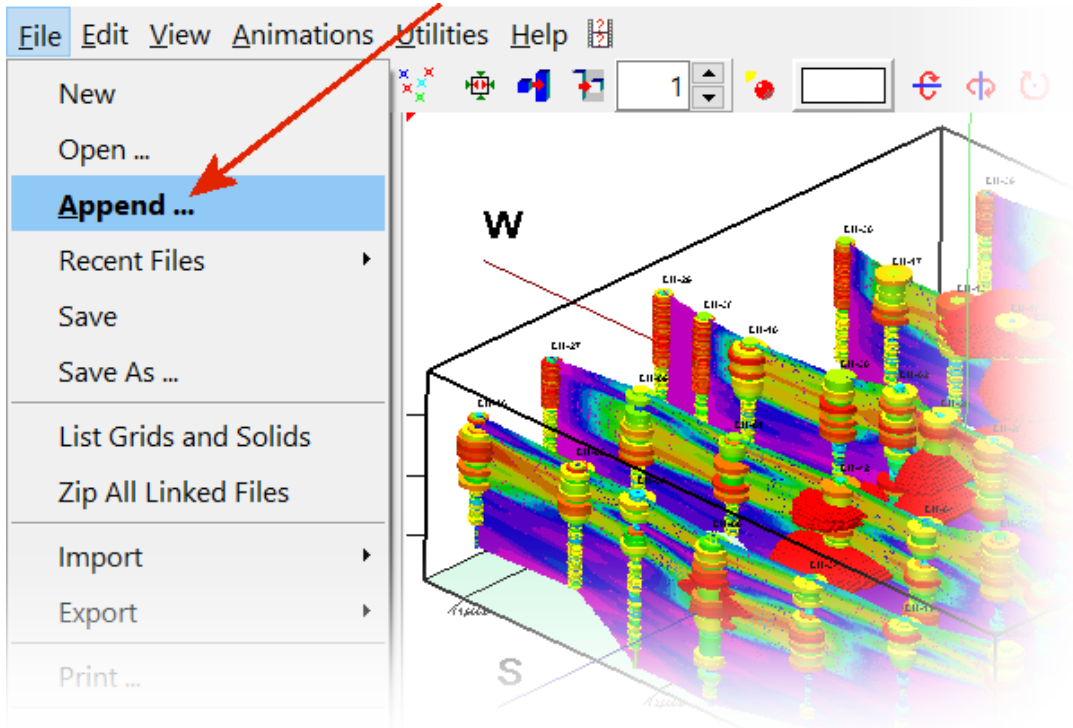


Figure 1

The Append option may, however, become cumbersome if more than a few diagrams are to be merged. A useful alternative is provided by the **Graphics / 3D Tools / Merge 2+ Files** program (Figure 2).

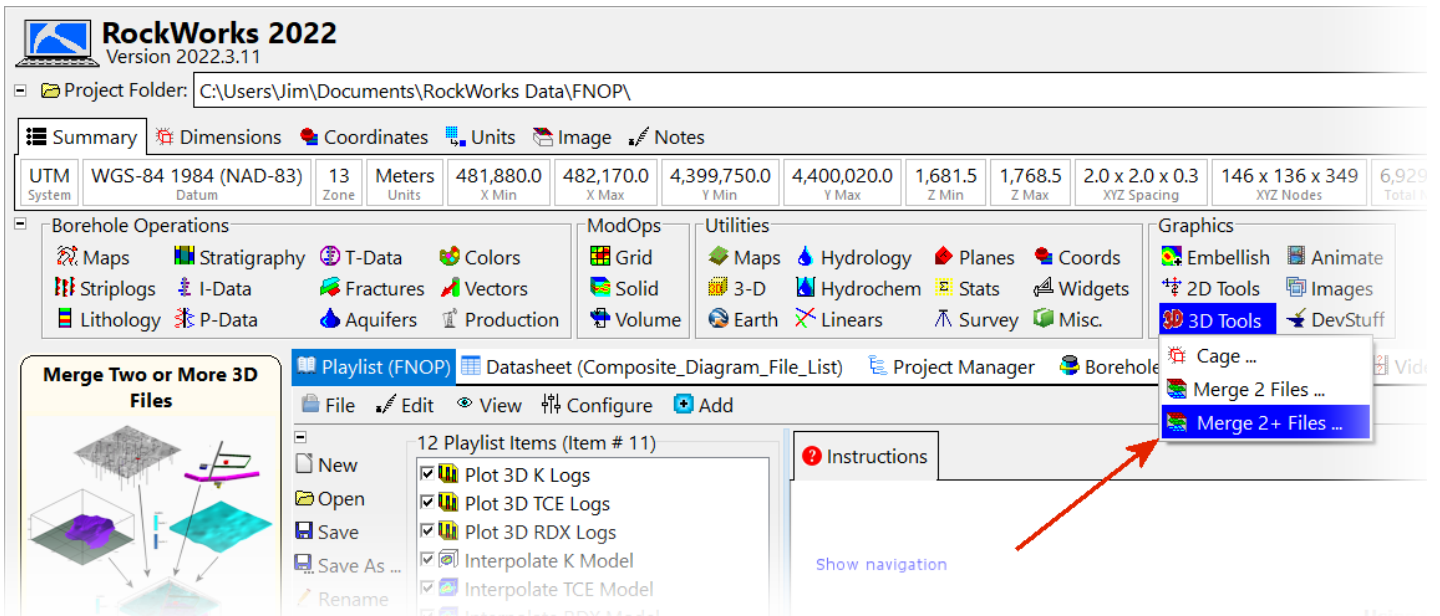


Figure 2

The **Merge** program reads from a list of files within the **RockWorks Datasheet** (Figure 3) and creates a diagram (Figure 4) that represents an amalgamation of all the files listed within the Datasheet.

Datasheet (Composite\_Diagram\_File\_List)

Row#	Use	File Name	2
1	<input checked="" type="checkbox"/>	K_Logs.Rw3D	
2	<input checked="" type="checkbox"/>	TCE_Logs.Rw3D	
3	<input checked="" type="checkbox"/>	RDX_Logs.Rw3D	
4	<input checked="" type="checkbox"/>	K_Model.Rw3D	
5	<input checked="" type="checkbox"/>	TCE_Model.Rw3D	
6	<input checked="" type="checkbox"/>	RDX_Model.Rw3D	
7	<input checked="" type="checkbox"/>	TCE_Mass_Flux_Model.Rw3D	
8	<input checked="" type="checkbox"/>	RDX_Mass_Flux_Model.Rw3D	
9	<input checked="" type="checkbox"/>	TCE_Transects.Rw3D	
10	<input checked="" type="checkbox"/>	RDX_Transects.Rw3D	

Figure 3

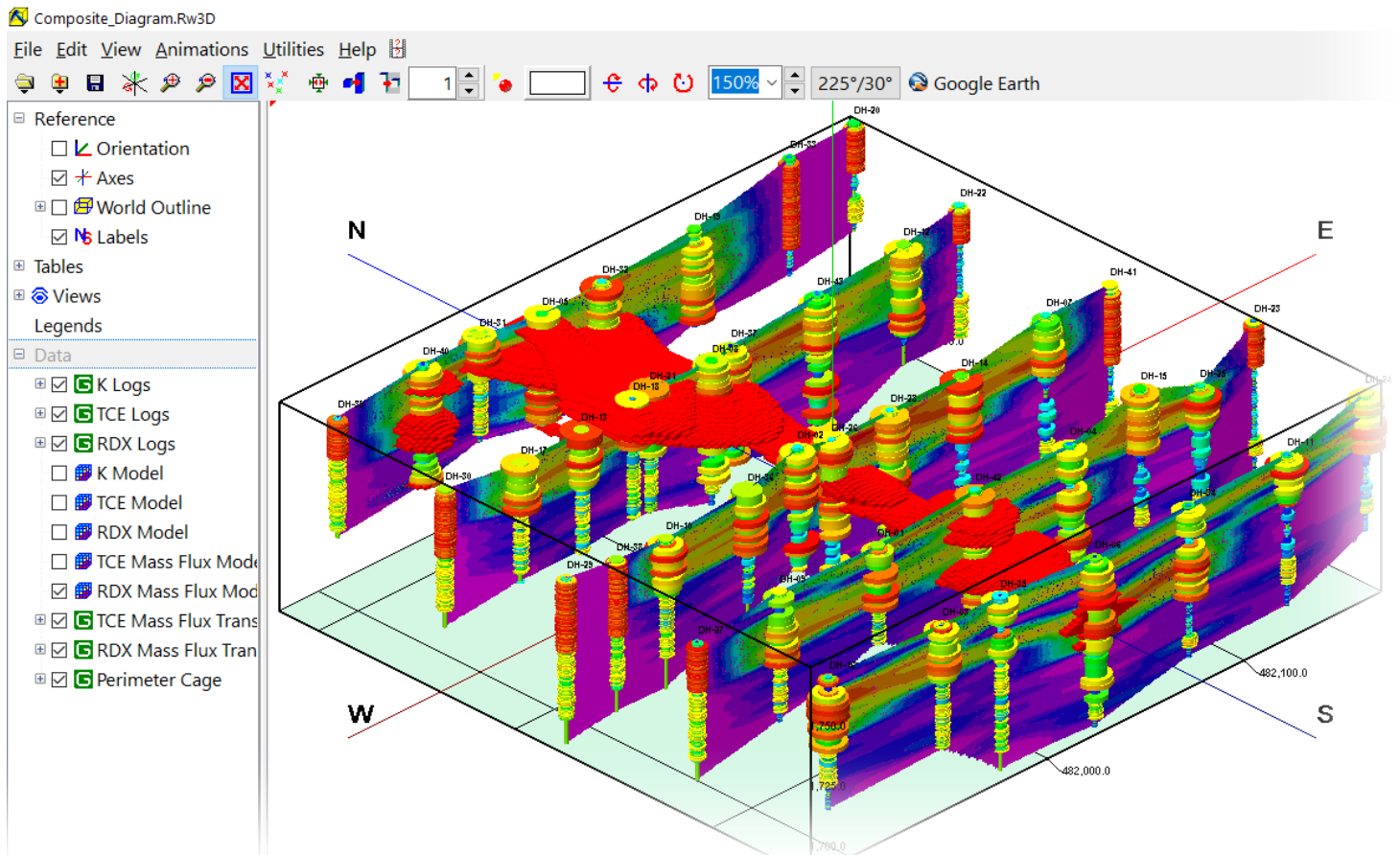


Figure 4

The Merge program is especially useful as the last command within a **RockWorks Playlist** for compositing multiple diagrams that have been created by the preceding commands within the **Playlist**.

