



How to link well files to map points?

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TerraStation provides the ability to link the well files (curve data) to the well spots on a map in two ways. This describes how to perform the operation in a batch method, for a number of wells at the same time. The wells must have some characteristic that matches between the two well entries. It can be the well name, UWI, or location information. Well names or UWI must be exact text matches, although capitalization can be ignored. For information on how to link the wells via a "point and shoot" approach, see [How do I link a single map point to a well?](#)

1. To automatically link well files to the well spots on a map, go to **Project Database** on the *Main Applications Bar* and select **Map Data Management** from the pull down menu. (If this is the first time you have selected this option within the project you will be prompted to select the active TerraStation map data set and you can ignore step 2.).
2. Click on **Select Map** button. Choose a map for well linking by clicking on the map and Click **Accept**.
3. Under **Data Management** Click on **Add Wells To Map** button.
4. Click the **Clear Collection** button if an unwanted old collection is still in memory (appears on screen under **Collection Options**). Select wells for linking. In general, you need to use either **Well Name List** or **Well UWI List** buttons. If you use either of these buttons, you will have to select wells individually. There are two ways of doing this either double Click on a well from the **Select From** list, or Click once on a well/s to highlight them and Click the **Add** button (= =>). If you want all the wells from the list Click the **All** button. To remove any well highlight it by Clicking once and Click the **Remove** button (<= =).

TIP: If you have another map with linked well files and would like to link the same well files to your new map, you can select wells by choosing an old map and using one of the map options: **Wells, Polygon, Section, All Wells on Map**.

TIP: A collection is automatically created by TerraStation's batch well file loader. If you have imported a list of wells in batch mode, check **Restore Collection**, since a collection will exist for them.

5. After you created the collection of wells Click **Accept**.
6. Depending on the type of data that provides the best available match both in well files and the map file set the **Match By** combo box to either **Name, UWI** or **X,Y** on the **Automatic Map/Well Link Tab**.

7. If all of the wells should already be on the map, set the **Operation** combo box to: **Link only, don't add if no match**. Use the **Link, add to map if no match, ONLY** if the well files contain correct coordinates. Using **Report Mode** you can run the matching operation without making any changes to your project in Report Only mode. This way, you can see the potential results of the procedure before permanently storing its results.
8. Set the **case control** combo box to either **Case Sensitive** or **Not Case Sensitive**.
9. **Data Integrity Options** (on the **Automatic Map/Well Link Tab**) will allow you to transfer surface **Coordinates**, **Well Name/UWI**, and **KB** between well files and a map file. Set these options as desired. For example, if linking is set to be done by **Well Name** or **UWI** and the well files do not have surface coordinates you can transfer the surface coordinates from the map to well files by setting the **Coords** combo box to: **Map to Well**. If the surface coordinates are not right in the map file and they are correct in the well files, you can set the **Coords** combo box to: **Well to Map**. If the map file does not contain a **UWI** and the well files do, set the **Name/UWI** combo box to: **Well to Map**. If **KB** values for some wells are not right in the map file and correct in the well files, set the **KB** combo box to: **Well to Map**.
10. Click on **Search For Links** to finish well linking. The well linking report will display the results on screen.
11. Click **Close** to return to the *Main Applications Bar*.

Thanks for using TerraStation