

How to Import Daily Test Data using a CSV

In order to successfully import a .CSV file, the import file should follow a few basic guidelines.

1. There should only be one row of header info to label each column of the import file.
2. The header row should only contain alphanumeric characters (letters and numbers). Dashes, underscores and spaces are ok, but avoid parenthesis, commas, brackets or other special characters.
3. Do not leave any rows of blank data between records.

Once the import file follows these basic guidelines, it's time to move on to the more specific details of the layout. To receive the best results when importing Daily Data into PHDWin, you have to include enough information for PHDWin to recognize which case and well you are intending to update. Below is a simplified version of what your import file should look like.

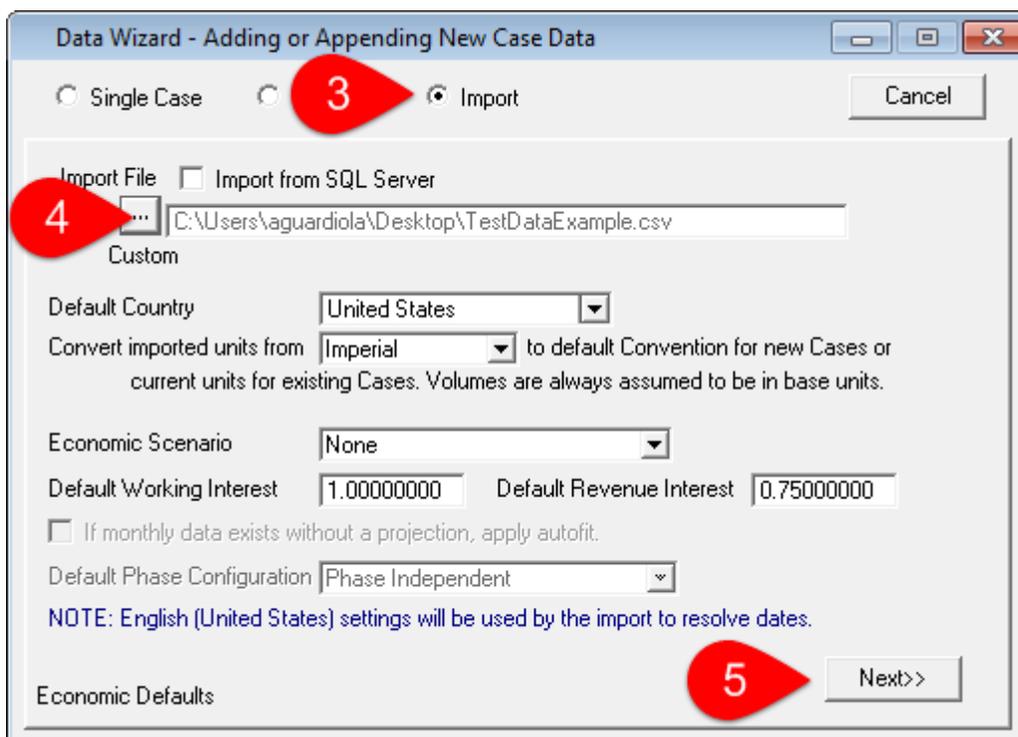
	A	B	C	D	E	F	G
1	Unique Id	Case Name	Date	DailyGas	DailyWat	DailyOil	FTP
2	10101	ROBBINS, J. W. 2	7/14/1981	1410	1	0	174
3	10101	ROBBINS, J. W. 2	1/18/1982	1394	5	0	169
4	10101	ROBBINS, J. W. 2	7/21/1982	1596	1	0	140
5	12121	ROBBINS, J. W. Num 3	6/17/1980	1350	1	1	105
6	12121	ROBBINS, J. W. Num 3	1/19/1981	1380	1	1	105
7	12121	ROBBINS, J. W. Num 3	7/16/1981	1440	1	1	180

- Unique Id: Any unique identifier for that case. If you are importing into cases that already exist in your PHDWin project, you will want to take an Id code from that case and use it for each record. Column A should always contain your import ID code.
- Case Name: This column is only needed if the case does not currently exist in PHDWin.
**The above items (Unique Id and Case Name) are to be repeated for every record corresponding to the same case.
- Date: The date must be stored in the mm/dd/yyyy format. The date must always be in a column before the Daily/Test Products.
- Daily/Test Products: The rest of the spreadsheet should be filled out with the products you need to bring into PHDWin. They do not have to be in any specific order.

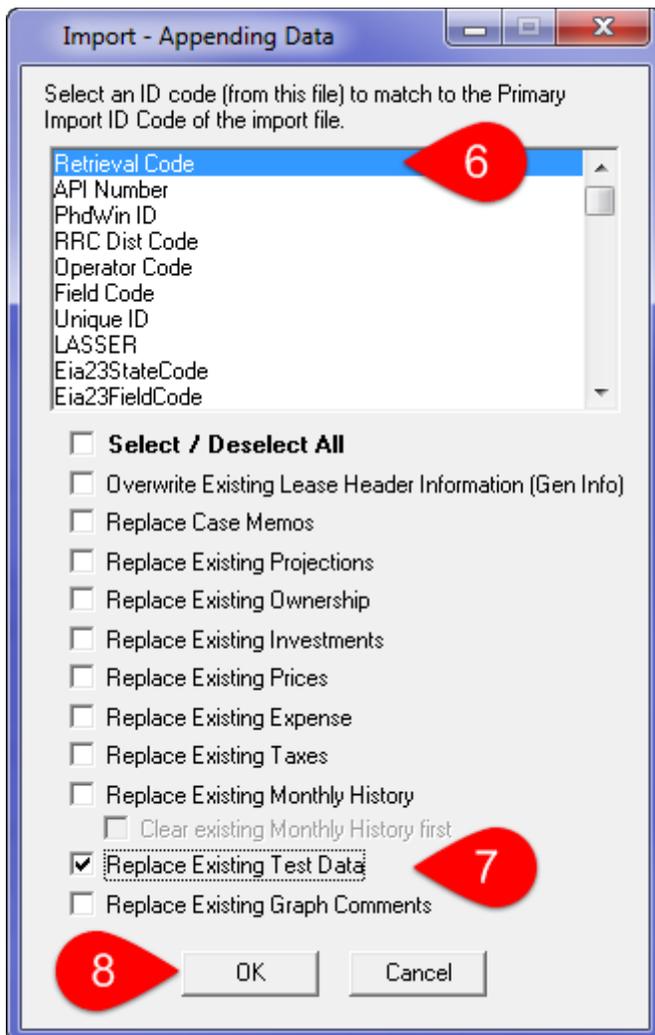
Import Steps

Once the import file is properly formatted, you can begin the import process in PHDWin.

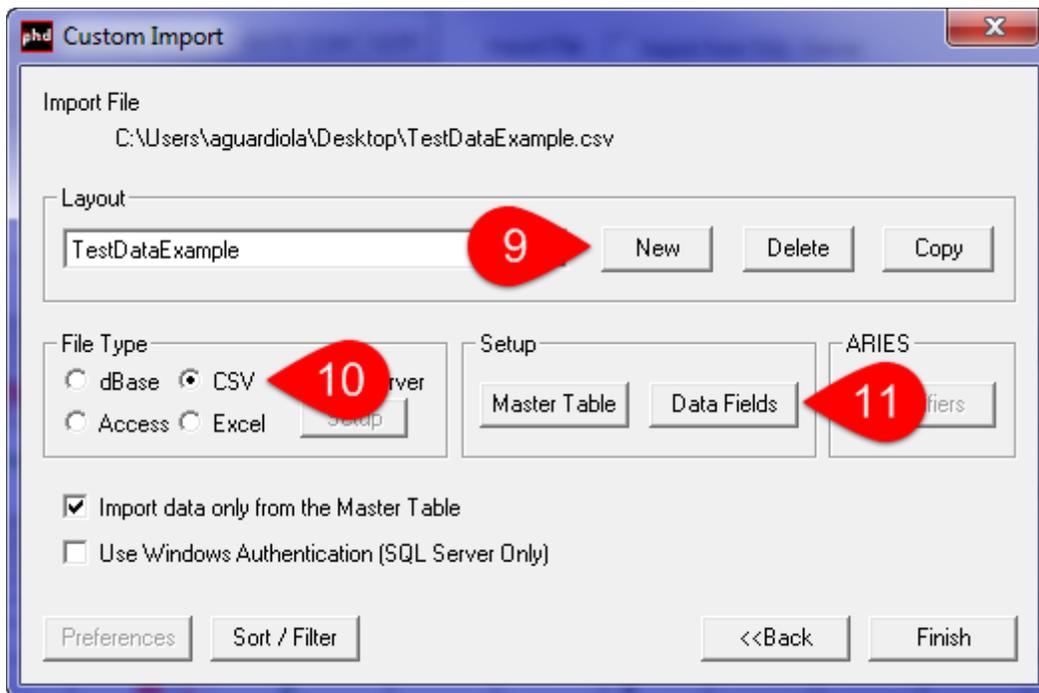
1. Make sure to close your .CSV file before attempting to import the file.
2. Open the File menu in PHDWin and select Import Data or Create New Cases.
3. In the Data Wizard window, select Import at the top.
4. Click the Browse button to select the .CSV file that you would like to import.
5. Click the Next button in the Data Wizard window.



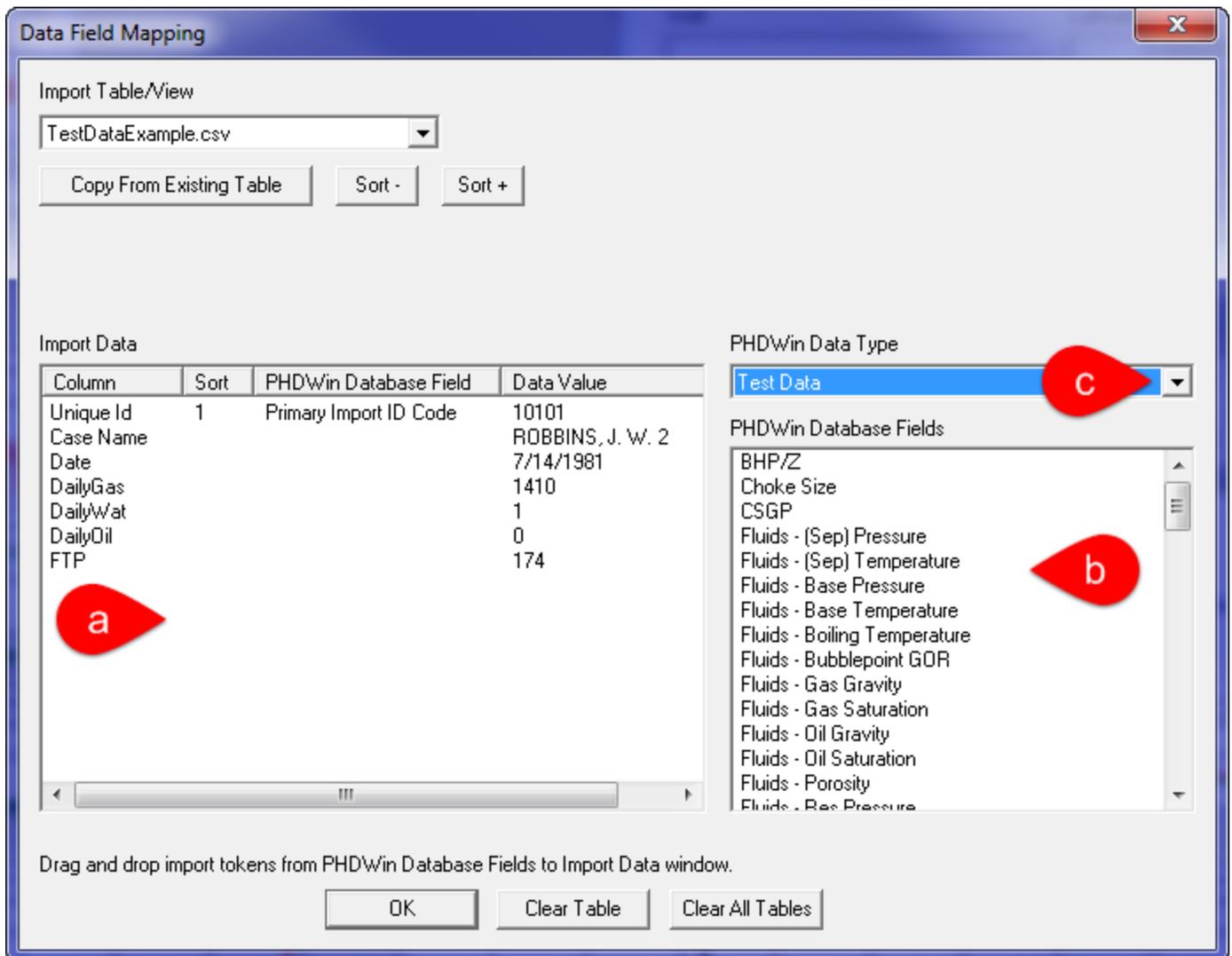
6. This will open the Import Appending Data window. At the top of the window you can select which ID code you used in the import file. For our example, we'll select Retrieval Code
7. You have the option to Replace Existing Test Data.
 - a. If this is selected, any records in the PHDWin file that match the date/case combination in the import file will be overwritten with the data from the import file as well as appending new records.
 - b. Leaving this option unchecked will allow only new records to be imported, preserving the existing Test/Daily records in the database. Note that new records are always appended.
8. Click the OK button to enter the Custom Import window.



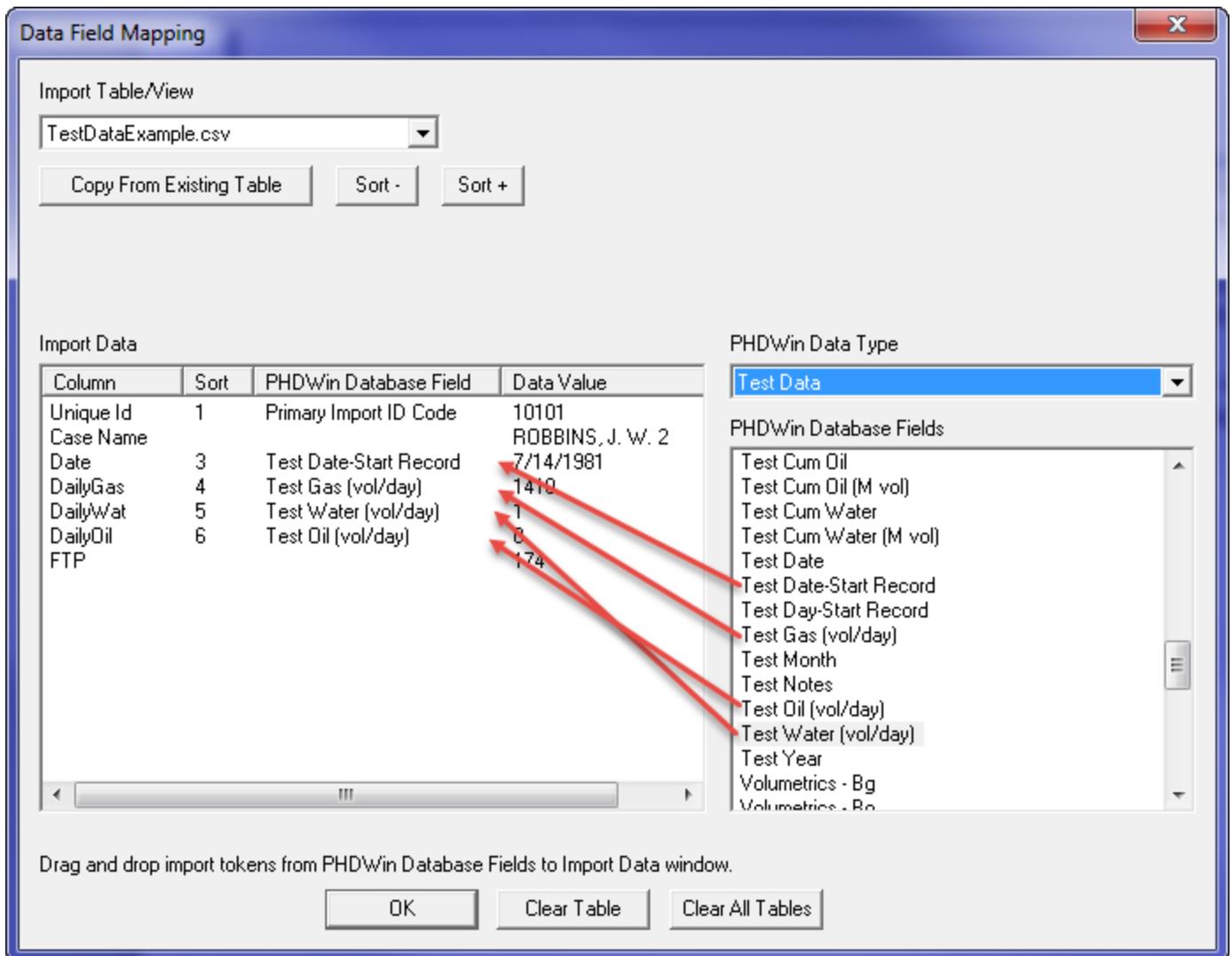
9. In the Custom Import window, click the New button next to Layout to create a new import layout. If you've already built a layout you'd like to use, you may instead select that layout from the drop down menu.
10. Set the File Type to CSV.
11. Click the Data Fields button to enter the Data Field Mapping window.



12. In the Data Field Mapping window you can see:
- A representation of your import file on the left side of the window.
 - A list of all the PHDWin Database Fields that can be imported on the right side of the window.
 - There is a drop down menu for PHDWin Data Type to help group the Database Fields into smaller lists. For our purposes, we'll want to set this Data Type to Test Data.

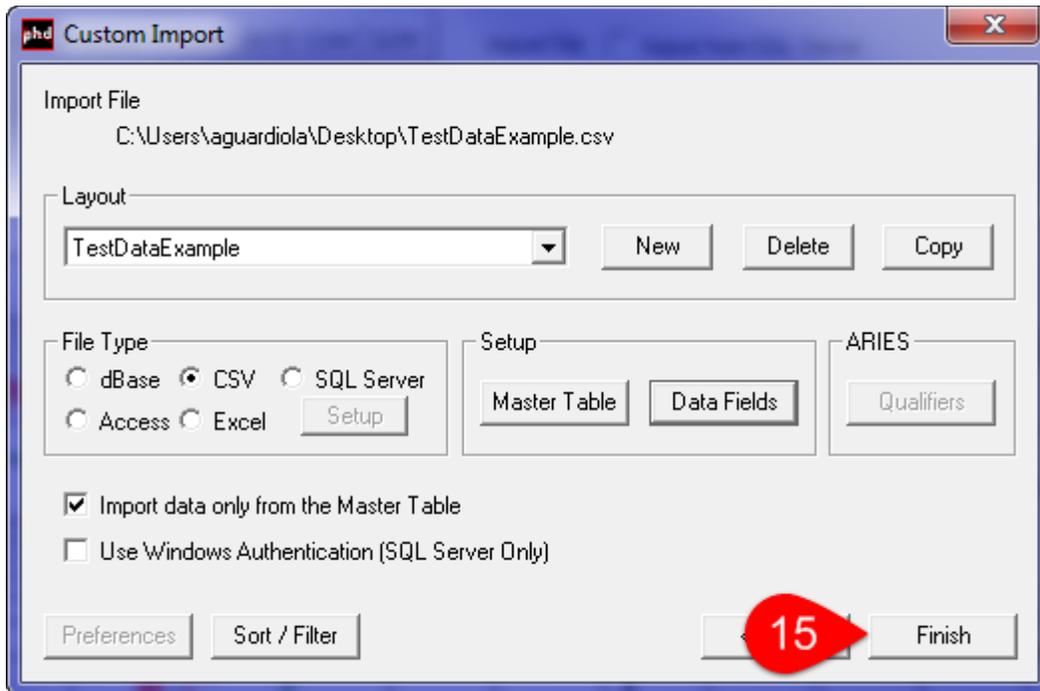


13. The mapping process involves clicking and dragging the appropriate Database Field from the right hand side of the window to the appropriate location on the left hand side of the window.
 - a. Each database field must be dragged over one at a time
 - b. If a database field is placed on the incorrect line on the left, you can either drag the correct database field over it to replace it, or highlight the mapped row on the left and press the delete key on your keyboard to clear it.
 - c. Not all of the columns in the import file have to be mapped. If you leave a column unmapped or blank, then the data from that column will just be ignored when importing the data.



**Note that in our example we are mapping the Date using the Database Field Test Date-Start Record. This is crucial to getting the data to import properly. The other options exist for importing data in a different way and will not import your daily records successfully.

14. Once the Data Field Mapping is complete, click the OK button in that window and you will return to the Custom Import window.
15. Click the Finish button in the Custom Import window and your records should begin to import.



Troubleshooting

Here are a few other tips that may help if you're having trouble importing your file.

1. Keep the file name short. PHDWin has a limit of 75 characters when reading a File Path, so long file names or having to go through several folders will interfere.
2. Avoid special characters in the file name. Periods in the file name are the most common problem, but other characters are also problematic.
3. If you've used a Layout successfully in the past, but now it's giving you problems, try rebuilding a new layout.
4. If the import process is completed and you aren't seeing the data in the Production Tests tab of the Case Editor in PHDWin, try running the Pack option from the File menu.
5. If your Test/Daily Data imported successfully and you can't see the data points on the graph, try checking the Monthly History table in the Case Editor. The program requires at least 1 record in the Monthly History table for the Test/Daily Data to plot on the graph.