PREDICT-K "TIP OF THE MONTH"

Updated Treatments Tab

As mentioned in our last tip, the new Predict-K version has greatly expanded its functionality and utility. The data entry is more specialized for the more complex horizontal well optimization that is so important in today's fracturing design process. With this specialization, a number of new inputs have been added, and each individual treatment requires a little more effort when viewed on its own. Properly using the quick-entry feature of Predict-K (discussed in previous tips and our online training library) will combine the additional effort and ensure that project creation is both efficient and correct. This process should get your projects to a point where additional treatment edits and manipulations can be minimized.

Despite the efficiencies inherent in the quick-entry process, the sheer number of treatments that are necessary to optimize a horizontal well can make a single needed change to all of the treatments a daunting task. For that reason, the treatments tab in Production Analysis mode in Predict-K has been expanded. Many of the treatment properties that can be changed and accessed in the individual treatment options windows have now been added directly into the treatment options tab as well.

Individual Treatment Option Screen for a Single Treatment

Treatment Options Tab for All Treatments

As can be seen in the image above, many of the key well design and cost variables that may change from treatment to treatment are included in tabular form. Each cell can be edited manually by just typing a new value into the cell. The treatment name can also be changed as well. A few or all of the treatments can be changed rapidly. This feature will be especially useful if you want to vary something like stage length or fracture spacing in a less predictable way that the standard quick-entry

process doesn't support. You can use quick entry to get the right number of treatments that are close to the design candidates and then finalize the changes on the treatments options tab. Treatment costs may also need to be changed in this way when the incremental cost for stages changes based on stage length or the number of fractures placed per stage.

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1. How to obtain your license for Predict-K and Proppant Manager

2. Predict-K Main Screen

3. Quick Entry

4. Predict-K General Structure

5. Creating a New Proppant Manager Database

6. Running the Proppant Manager Correlations

7. Exporting Proppant Manager Results to Predict-K

8. Baseline Conductivity   Demonstration Base Project for Videos 8 - 10

9. Dynamic Conductivity

10. Production Analysis Overview

11. Adding Production Data to Predict-K Demonstration Base Project for Video 11 Simulated Production Data Excel File

12. Matching Production Data

13. Changing Default Units

14. Treatment Options