PREDICT-K "TIP OF THE MONTH"

Predict-K 18.12

Predict-K 18.12 has been posted to the Consortium website and is available for download. This update provides the following fixes:

- Fixes a bug involving the use of production water rate for history matching.

- Fixed an issue where the OOIP and OGIP were not consistent with the reported drainage area. The program assumes the following:

  - Total drainage area for the well is determined from the treatment lateral length and well spacing.

  - The oil and gas in-place are computed from this total drainage area, net pay, porosity, saturation, and volume factors.

  - If 2x the input propped fracture length is less than the well spacing, the input fracture length limits the accessible drainage area. If 2x the input fracture length is greater than the well spacing, the well spacing is used to limit the drainage area and production.

Also please note that Young's Modulus initially appears in units of GPa on the Well Information table. To change to units of MMpsi go to the Tools tab.

Further an option has been added that allows variable completed lateral lengths from treatment specifications instead of only one lateral length from the Well Information table. At this time there is only one Well Report, not one for each treatment. The lateral length specified in the Well Report reflects what is entered in the Well Properties, not in the treatments. Other than the single value in the Well Report, the lateral length entered in the Well Properties has no impact on production calculations, and is used only as a default value if no other well lengths are entered to supersede it.

Our apologies for any inconvenience this may have caused.

To download the most recent versions please
goto https://core.corelab.com/data/stimlab/consortia/proppant/members_only/software/body_software.htm. Enter your username and password to gain access to the software download page. If you need assistance gaining access please contact Chris.Williams@corelab.com.

Best regards,

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Predict-K Training Videos (opens in YouTube):

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

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