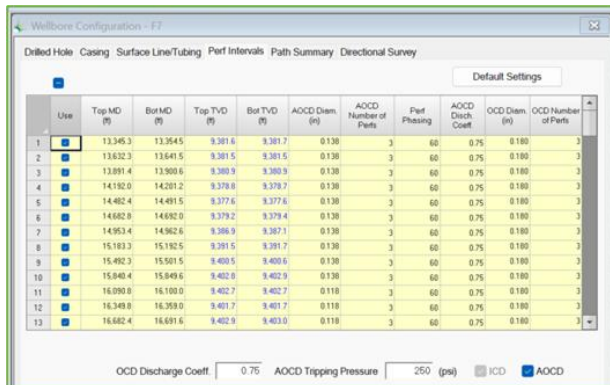# What is New in *STIMPRO 2023 - 10.13.23*

STIMPRO ® 2023 – 10.13.23, the latest update to LINQX's (Former StrataGen Inc.) industry-leading matrix acidizing design and analysis software, is now released. Our primary aim for this release is to enhance the accuracy and speed of existing modeling functionalities to ensure a more comprehensive and powerful user experience.
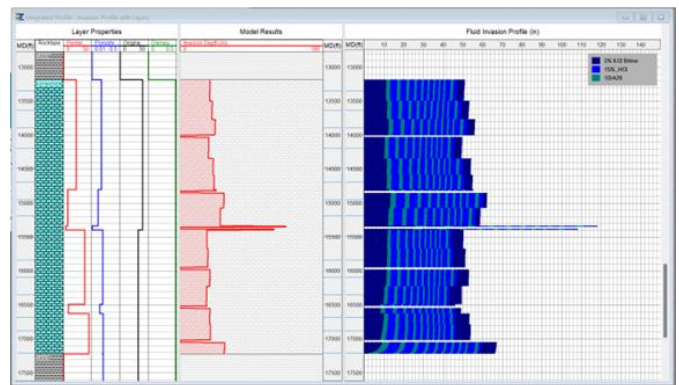
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## New Features to Acidizing Model

- Added modeling capability of Autonomous Outflow Control Devices (AOCD) effect on Acidizing stimulations

  *Autonomous Outflow Control Devices (AOCD) developed to restrict the injection of fluid into dilated/propagated fractures and mitigate the disproportional injection of fluid into the thief zone effect was implemented in STIMPRO. The bi-stable active flow control device effect having two operating conditions, one, operating as a normal passive OCD initially, and two shutting-off the flow rate when designed conditions are reached is incorporated in STIMPRO to improve or maximize the stimulation fluid or acid distribution in long horizontal completion where it is expected a high variation of the reservoir permeability*



STIMPRO-2024 Model Setup using AOCD & OCD tools



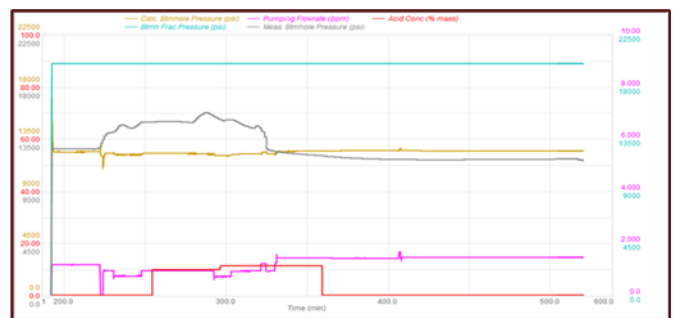STIMPRO-2024 Improved Fluid Distribution Simulation Due to the AOCD & OCD Tools

## Fixes

- **Fixed error in Calculated Bottom-Hole-Pressure (Cal. Btmhole Pressure) calculation when CT is used.**

  *Previous STIMPRO version over estimated Cal. Btmhole Pressure*



STIMPRO 2023 version



STIMPRO 2024 version

- **Fixed error when slotted liner is used in well completion**

  *Previous STIMPRO version ignores the wellbore & reservoir communication when slotted liner is used in the wellbore completion*
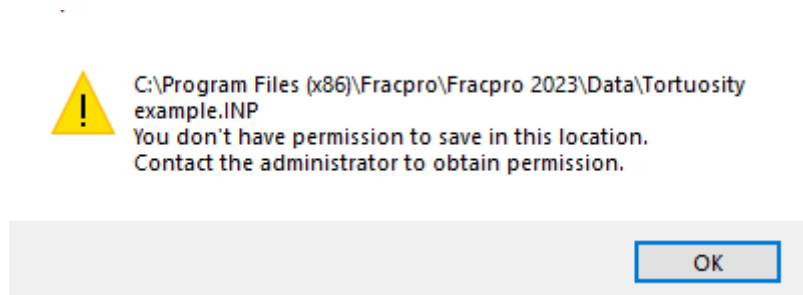

- **Fixed 1D Schematic display in STIMPRO Report and added 2D Schematic.**

  *Inclusion of 1D Schematic to STIMPRO Report used to cause 1D Schematic View to stop functioning properly.*

  *Added 2D Schematic Plot to Report*


- **Improved error message when trying to save files to System folders.**

  *The previous Fracpro version showed an extraneous error message when saving a simulation running from a Data Base. Attached screenshot shows the corrected error message*



- **Fixed an issue with water scaling tendency simulation.**

  *Updated STIMPRO 10.13.16 version failed to display water scaling tendency simulation results due to a conflict between software components. This issue was addressed and resolved in version 10.13.23.*