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Dear Cerberus User:

CTES is proud to announce the new **Version 8.5** software release of **Cerberus**! CTES remains committed to providing our customers with the most advanced software modeling capabilities to help our customers perform field operations in a safe and efficient manner. We hope you find the new Cerberus functionality to be very useful, and welcome your suggestions for future program enhancements.

Cerberus v8.5 includes more than 15 significant improvements. A few selected highlights are listed below.



- One recent enhancement to Orpheus involves catastrophic buckling. Buckling (between stripper and injector chains) calculations have now been integrated into Orpheus. The user is now alerted when catastrophic buckling limits are exceeded.
- The history log in String Manager now indicates the percentage of incremental fatigue added per job, and specifies the point where the maximum fatigue occurred. This is useful for companies that charge an additional fee when a threshold limit of fatigue accumulation is exceeded during routine field operations.
- The ability to add a user-defined relationship for pressure drop vs. flowrate for tools in Orpheus and Hydra has been added.
- Orpheus now allows users to implement a default setting for the yield safety factor. "Advanced Options" settings in Orpheus can now be saved as defaults.
- Another special feature in Orpheus enables users to incorporate the additional drag caused by centralizers into the forces modeling.
- A new 'revision function' has been added to the History section in Orpheus. This allows the user to track changes implemented during the project modeling process. When job modeling specifications are changed, the report that is created will be automatically saved, providing the next user access to the report prior to implementing additional changes.

Additional New Features in Cerberus v8.5

- A new "automatic report" feature has been added. This incorporates all primary calculations into a report that is generated with a single click of a button.
- The allowable number of tools in a tool string for Orpheus projects has been greatly increased to allow more precise modeling of long, complex tool strings.
- Users can now disable flow data when Static Pressure function is selected in Orpheus.
- In addition to other enhancements, the allowable survey points have increased from 500 to 1200.
- Job Manager has increased capabilities for deletions. The number of rows that can be deleted at once in the Job Log section of Job Manager is now unlimited.
- The job log chart in Job Manager can now be resized and includes WHP (if entered) in addition to depth and circulating pressure.
- Option to select "On Reel" for the start and end records when importing data from the Orion database is now available in Job Manager.
- Fluid Manager multiphase fluids are divided into 3 categories, "black oil", "wet gas" and "commingled fluids".
- Tool Manager has a new Enhanced Tool Image Library.
- Well Editor perforated intervals can now be defined when in the print mode and the 3D plot will be displayed to scale by default. The depth and horizontal displacement values now have the same scales.
- Well Editor now contains the ability to perform well volume calculations.

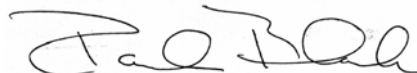
Cerberus v8.5 is now available for download from the CTES website. If you have Internet access, you can access the download files by pointing your browser to:

http://www.ctes.com/Software/download/Active_Customers.asp

Choose the link for your company page, where you will find the download links for your company. When you select the software for download, username and password will be required. If you don't recall your username or password, please contact Sherry Schube for assistance (936/521-2200 or sherry.schube@ctes.com).

We appreciate your business and look forward to serving your future software modeling and data acquisition needs.

Sincerely,



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