



RUBICON
OILFIELD INTERNATIONAL

WELL SOLUTIONS ENGINEERING



WELL SOLUTIONS ENGINEERING

APPLYING OUR PROVEN EXPERTISE TO SOLVE
REAL WORLD PROBLEMS

Rubicon's well solution engineering teams are located around the globe, putting their knowledge and experience to work for you. Our specialists enter the conversation early, when the well planning is just getting started.

WELL PLANNING PROCESS

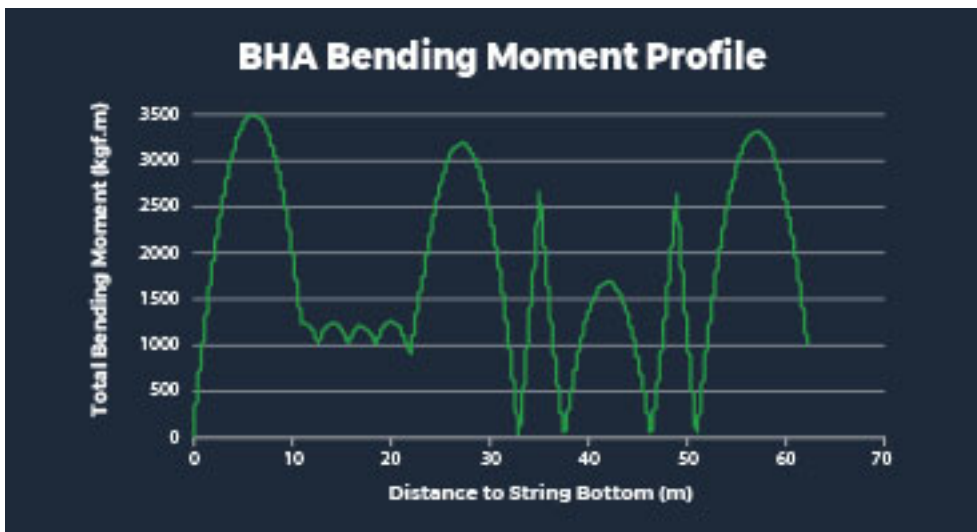


Rubicon's well solution engineering team perform pre-run modeling to accurately gauge performance and drilling expectations to provide your team with the best solutions.

TD REACHED



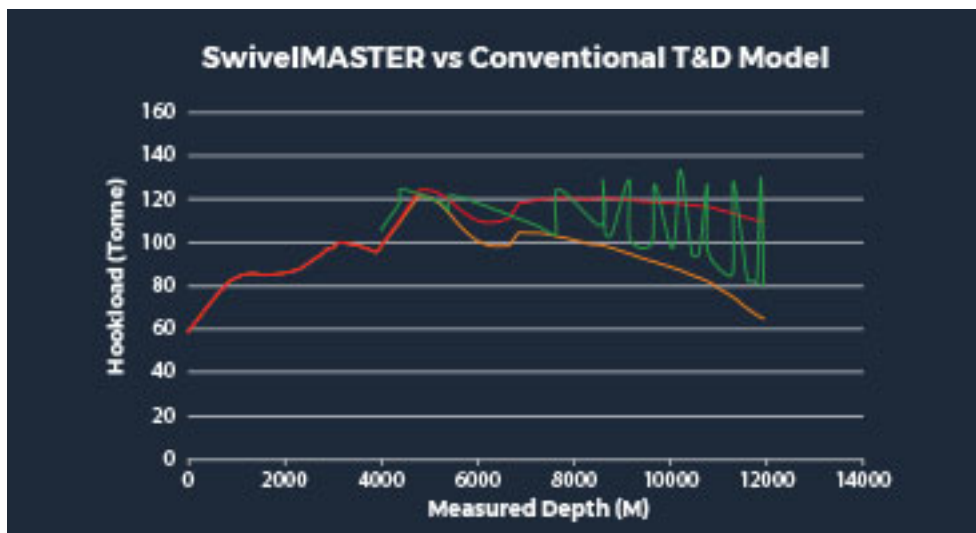
Once the job reaches depth, our team performs post-run evaluations to analyze actual performance against the pre-run modeling. This identifies potential areas for optimization to improve overall operating efficiencies before that job progresses or you begin another.



PLACEMENT ANALYSIS ENSURES BHA INTEGRITY

Total bending moment evolution is computed all along the BHA. Comparing the maximum value to the GunDRILL Reamer bending moment limit, our applications engineering team ensures BHA integrity during the run.

By performing extensive post run evaluations on the performance of the tool, the customer can be confident that they will enhance borehole quality every time with increased WOB transmission, steadied torque and reduce NPT related to POOH.

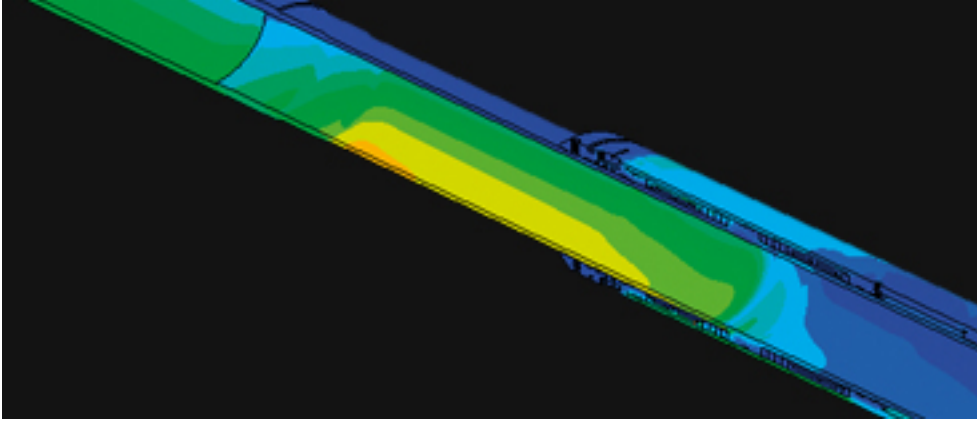


APPLICATIONS ENGINEERING ENSURES TD SUCCESS

Pre-run modeling of the SwivelMASTER can predict the behavior of the drill string and identify areas where weight may be lost causing the drill pipe to get stuck.

Post-run modeling reveals the actual behavior of the string and the benefits of running the SwivelMASTER to reach depth without loss of weight.





FEA ANALYSIS CONFIRMS TOOLS STRENGTH

Output from Finite Element Analysis (FEA) package Abaqus/CAE showing contours of Von Mises stress developing in 6 5/8" Casing SWIVEL as a result of rotation through 10deg/100ft dogleg under 100k lbs tensile load.

Output confirmed that maximum Von Mises stress developed in operation is within safe limits proving the robustness of the tool.

Stay in the know.

First Name

Last Name

Email Address

SUBMIT



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**MAKING IT BETTER. MAKING IT SIMPLE.
MAKING IT HAPPEN.**

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