



TECHNICAL SERVICES

STABILDRILL

SINCE THE MID '80S, OUR BUSINESS HAS FOCUSED EXCLUSIVELY ON BHAs. AND OVER THE YEARS, WE'VE HELPED CUSTOMERS OPTIMIZE THEIR DRILLING PERFORMANCE. NOW WE'VE TRANSLATED THAT EXPERTISE INTO SPECIALIZED, COST-EFFECTIVE TECHNICAL SERVICES THAT CAN TAKE YOUR DRILLING PERFORMANCE TO THE NEXT LEVEL.

OPTIMIZE YOUR DRILLING PERFORMANCE

WE HANDLE BHA DESIGN AND TOOL MANUFACTURING DAY IN AND DAY OUT, AND WE WANT TO USE OUR EXPERIENCE TO HELP REDUCE TOOL FAILURE, INCREASE ROP AND MINIMIZE NPT IN YOUR NEXT OPERATION. THAT'S WHY THE SOONER WE CAN BE A PART OF YOUR DRILLING PLAN, THE BIGGER AN IMPACT WE CAN HAVE ON YOUR PERFORMANCE.

CUSTOM TOOL DESIGN

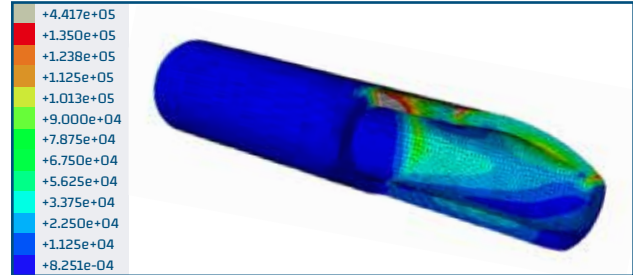
At the outset of your project, we can take your unique formation and specific well challenges into account, allowing us to custom-design any type of BHA component to meet your needs using technical services such as standard finite element analysis (FEA), bit-rock interaction models and multi-phase Computational Fluid Dynamics (CFD) studies.

These methods reproduce your well's unique conditions, simulating tool performance and revealing powerful insights that lead to optimized design, material and coating/hardbanding recommendations.

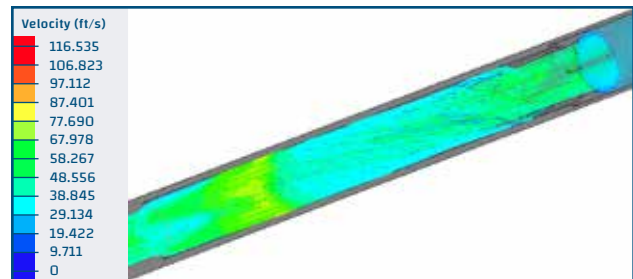
BHA DESIGN & CONFIGURATION

You need a partner that specializes in optimizing your BHA. That's why our mission is to ensure your string is set up for longer runs and better drilling performance. Whether we're defining tool placement and operation parameters for a particular tool on the string, or designing multiple configurations for the entire tool string—we make sure your BHA is designed and configured for optimal performance.

S, MISES



VELOCITY CONTOURS



POWERFUL INSIGHTS FROM STATE-OF-THE-ART ANALYTICS

FAILURE ANALYSIS

We can help bring clarity to downhole failures through a series of root cause analyses that use your actual operating parameters and drilling conditions. Our extensive downhole experience enables us to provide comprehensive services that help you understand the cause of failure and recommend BHA, material or operational changes for future operations.

Our state-of-the-art analytical tools and proven forensic engineering techniques deliver the answers you need to move forward—providing documentation of the conditions leading up to each tool failure while recommending corrective actions.

TORQUE & DRAG ANALYSIS

What's going to hold you back? A reliable torque and drag analysis can illuminate how friction and torque affect your tools at different depths. These insights can not only help you optimize your operating parameters and increase your ROP throughout the run, but they can also significantly reduce tool fatigue and failure.

Torque and drag optimization studies will identify critical tripping speeds, torque, tool life and RPM, just to name a few. Industry-recognized torque and drag analysis can predict minimum WOB to buckle, hook load, pick up/slack-off weight and effective tension for various drilling operations. That way, you can decide the best combination based on your unique well constraints.

BHA DYNAMICS ANALYSIS

Using industry-wide recognized software, Stabil Drill can evaluate BHA predictive behavior—from stresses and displacements to drilling tendency and critical RPM. BHA configuration details include materials and connections, hydraulics and operational parameters, giving you a comprehensive insight of the drilling process.

Optimization studies reveal the right combination of parameters to help you achieve targets such as ROP, tortuosity, WOB, torque, RPM and more. More accurate planning leads to more optimized drilling performance.

REDUCE TOOL FAILURES

| INCREASE ROP

| MINIMIZE NPT

STABILDRILL



13 GLOBAL
LOCATIONS

FIND A STABIL DRILL FACILITY NEAR YOU

While our primary manufacturing facility is in Lafayette, LA, we have rental and repair centers at all 16 locations across the globe.

U.S.A.

Houston, TX
Lafayette, LA
Midland, TX
Mills, WY
Minot, ND
Monessen, PA

United Arab Emirates

Dubai

CANADA

Newfoundland

MEXICO

Veracruz

BRAZIL

Rio de Janeiro
Macaé

TRINIDAD

San Fernando

GUYANA

Friendship