We Deliver, No Excuses

For unparalleled results, along with unmatched service quality and reliability for YOUR well, rely on QMax.

QMax

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Global Laboratory Network
Innovation in all aspects of our business is one of QMax's core values. For decades, QMax has grown a comprehensive global network of laboratories dedicated to R&D, operations and customer support, QA/QC, and technical training to provide optimum solutions to our clients across the world, providing local solutions for local drilling needs.

QMax global laboratory network supports comprehensive drilling fluids testing, formulation, design/engineering and formation evaluation, in addition to specialty testing, drilling simulation and analytical services. Our experienced team leverages our laboratory and technical resources to support YOUR unique well.
Corporate Technology Center (CTC)

Located in Houston, TX, our world class CTC focuses on research and development of products, systems and technologies, product quality assurance and quality control (QA/QC), technical support, engineering applications, and technical training of staff and customers. The 12,000 square foot facility serves as a training center to conduct mud schools, and houses a mud lab, training lab, a dedicated HTHP lab, and an analytical lab, providing support to global operations.

CTC Capabilities:
- Mud Lab
- Training Lab
- HTHP Lab
- Analytical Lab

Research & Development: Next Generation Drilling Fluids

QMax is focused on the development of next generation drilling fluids providing high-performance solutions for HTHP conditions and deepwater operation, all while being environmental stewards. We are creating environmentally-friendly and cost-effective additives including shale inhibitors, lubricants, and ROP enhancers.

The application of nanotechnologies and novel chemistries are also a focus of our R&D.

Mud Lab Capabilities:

WBM and OBM API Tests:
- Mud Weight
- pH and Alkalinity
- Rheological Properties
- Brookfield Viscosity
- API Filtration
- HTHP Filtration
- Dynamic Filtration
- Sand Content
- Refracts
- Chemical Analysis
- NBT
- Resistivity
- Water Activity

Shale & Formation Characterization:
- Linear Swell Test
- Capillary Suction Timer
- Shale Integrity Test
- Dispersion
- Anti-Accretion Test
- Mineralogy

Completion & Specialty Chemicals:
- TCT of Brines
- Wellbore Cleanup
- Filter Cake Removal
- Return Permeability
- Bridging and Sizing
- Insulating Packer

Drilling Fluids Testing

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Training Lab:

Accurate Field Delivery of Technologies
- Mud Schools (Beginner to Advanced Level)
- Rig Site Engineering Training
- Customer and Vendor Training

As a part of the global QMax Training Program, the course for mud engineers typically lasts eight weeks and covers the basic physical and chemical properties, functions of drilling fluids and rig site engineering.

Training Curriculum:
- Basic Chemistry
- Clay Chemistry
- Polymer Chemistry
- Drilling Fluid Testing
- Drilling Fluid Test Equipment
- Rig Calculations
- Field Testing Procedures
- Lost Circulation
- Water-based Mud Formulation
- WBM Contaminations
- Mud Rheology and Hydraulics
- Monitoring Drilling Fluids
- Bore Hole Stability and Stuck Pipe
Regional Technology Centers (RTC)

Additional regional technology centers and field labs are located across the globe to serve the unique needs of respective regions, providing local solutions for local drilling needs.
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