

Drilling and Completion Fluids

Solutions portfolio

BRIDGEFORM™
single-sack wellbore strengthening system

Improve drilling efficiency with wellbore stabilizer and fluid loss reduction technology

- Improve wellbore stability while reducing fracture-induced mud losses
- Increase rate of penetration in deviated or lateral wells
- Mitigate drilling risks in extreme, overbalanced conditions



Drilling and Completion Fluids Reporting (DCFR)
comprehensive reporting platform for intelligent fluids solutions

Ensure superior drilling performance with comprehensive fluids monitoring, reporting and management services

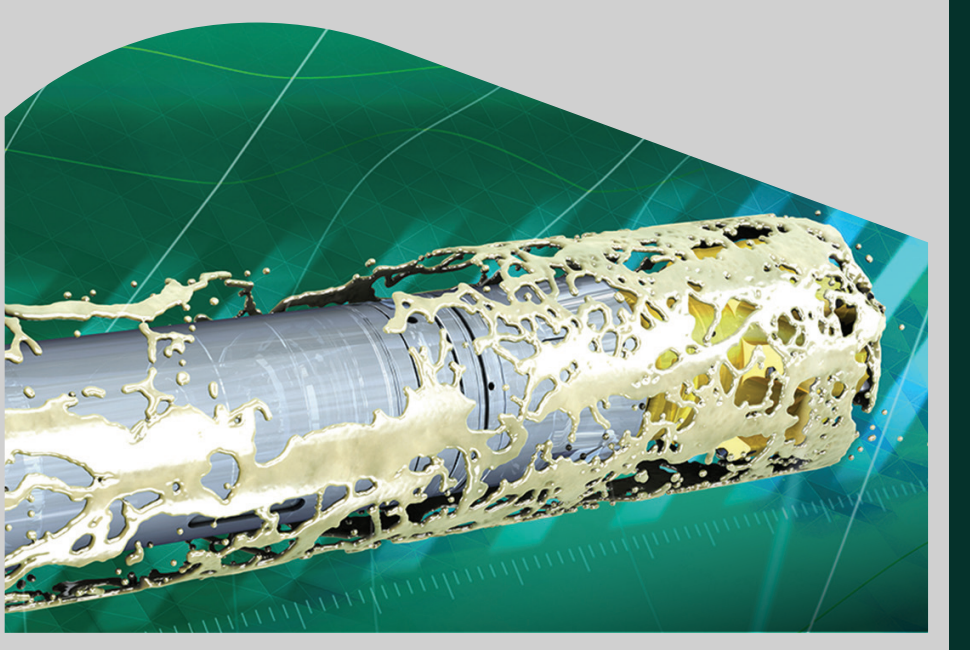
- Reporting platform for intelligent fluids solutions
- End of well recaps and summaries can be exported in a PDF or MS Excel format for data analysis
- Total pit management



DELTA-DRILL™
low-impact drilling fluid

Efficiently and reliably reduce downhole losses and hydraulic impact in land and shallow water wells

- Provides effective and reliable navigation through narrow pressure windows
- Reduces well construction risks and costs
- Manages hydraulic impact by maintaining the right viscosity in the right areas of the well



DELTAFLOW™
low-impact drill-in fluid

Optimize well construction operations without damaging the reservoir

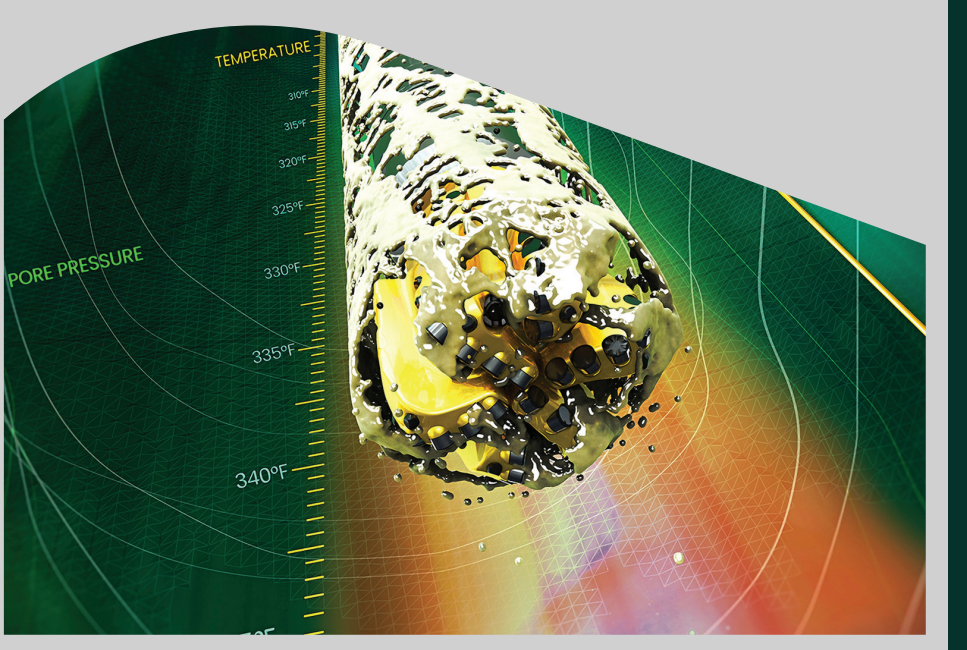
- Minimizes formation damage while maximizing productivity
- Protects the formation against pressure spikes and surge pressure
- Reduces risks and associated costs during reservoir drilling
- Provides effective and reliable navigation through narrow pressure windows



DELTA-TEQ™
low-impact drilling fluid

Efficiently and reliably reduce downhole losses and hydraulic impact on formations


- Provides effective and reliable navigation through narrow pressure windows
- Reduces well construction risks and costs
- Improves hole cleaning, flow rate, and ROP



DYNAFLOW™
reservoir drill-in fluid

Drill high pressure reservoirs with an effective, non-damaging drill-in fluid

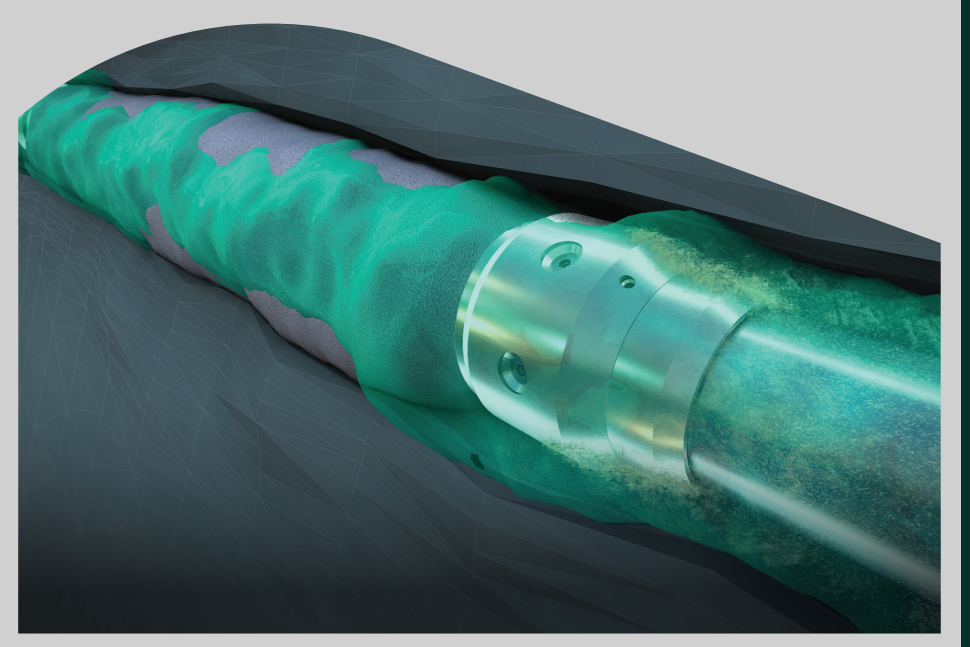
- Designed for use in divalent brine applications that present challenges for conventional drill-in fluids
- Increases low-shear-rate viscosity (LSRV) without significantly impacting the overall fluid viscosity profile
- Provides better equivalent circulating density (ECD) control and improved drilling performance



GeoWASH™
filter cake remover and activation fluid

Reliably remove filter cake while activating the GeoFORM conformable sand management solution

- Effectively removes mud filter cakes and protects your pay zone
- Activates and expands the GeoFORM™ conformable sand management solution's Morphic™ shape-memory polymer media
- Provides proven sand control for the most complex well profiles and ultrafine sand formations



i-Trak™ AFM
automated fluids monitoring unit

Get safe, efficient, and consistent drilling fluids performance

- Delivers consistent and repeatable quality drilling fluids performance
- Supports remote operations and automated drilling applications
- Provides accurate, reliable measurement of key drilling fluids properties
 - Mud density
 - Rheology
 - Gel strength
- Ensures real-time aggregation, monitoring, and analysis of fluids data 24/7



LATIDRILL™
high-performance, water-based fluid system

Drill faster, farther, and longer in challenging well environments

- Drills more efficiently with improved lubricity and wellbore stability
- Improves rig economics with simplified transportation logistics and wellsite storage
- Reduces post-drilling cleanup time and minimize disposal costs



MAX-LOCK™
lost circulation material

Quickly combat severe lost circulation events

- Strengthen loss zones to enable drilling
- Deploy in place rapidly and easily, in a single trip
- Avoid gas migration by deploying as an isolation plug



MICRO-CURE™ E2
post-production remediation system

Revive production in your underperforming wells

- Remediate multiple near-wellbore formation damage mechanisms
- Mobilize damaging particulates and remove emulsions caused by drilling and completion fluids
- Extends production life of older wells and improve ROI of wells with near-wellbore damage



MICRO-PRIME™
wellbore-cleaning spacer system

Ensure effective wellbore cleanup for optimal long-term production

- Gain maximum cleaning efficiency with 100% water wetting of all metal surfaces
- Optimize displacement efficiency of OBM/SBM to completion brine with minimal formation damage
- Improve debris removal for proper tool setting and reduced rig time



MICRO-WASH™
invert emulsion drill-in fluid filter cake breaker

Remove synthetic- or oil-based mud filter cake and formation damage by drilling fluids in the near wellbore

- Ensure clean flow paths for optimal production or injection
- Remove oil to eradicate emulsions, mobilize solids, and water-wet all surfaces
- Destroy SBM and OBM filter cakes to increase production rates while preventing screen blockage pressure windows



Mudzyme™
enzymatic filter cake breaker system

Remove damage caused by water-based drill-in fluid to maximize productivity

- Minimize formation damage with enzymatic degradation of starch and biopolymer in filter cakes
- Reduce rig time and costs with flexible deployment options
- Deploy with no special handling restrictions and without corroding downhole equipment



OMNIFLOW™
invert emulsion drill-in fluid

Drill payzones while protecting against formation damage that could limit hydrocarbon recovery

- Designed to be blended using any approved external-phase oil
- Suitable for difficult drilling environments where a water-base fluid may not be effective



PERFFLOW™
water-based reservoir drill-in fluid

Optimize leak-off control and minimize fluid loss into formations


- May be customized for specific reservoir needs
- Provides minimal formation damage with a thin filter cake
- Exhibits excellent drilling and completion fluid performance



PERFORMAX™
high-performance water-based drilling fluid system

Optimize drilling efficiency with cost-effective, environmentally sustainable fluid solutions

- Improve wellbore stability while increasing rates of penetration
- Reduce common drilling challenges including bit balling, differential sticking, torque, and drag
- Minimize your environmental impact



PureMagic™
single-sack oil-based mud system

Streamline fluid management to boost rigsite efficiency and safety

- Streamlines fluid preparation by minimizing the number of products to mix
- Provides an economic alternative to buying whole mud
- Lowers HSE risks, waste, and logistics



JewelSuite™ Well Engineering
Integrated drilling modeling & simulation software

Minimizes drilling risk, delivers optimal results, and enables rigsite service automation

- Proactive risk management in job planning and during execution
- Assurance of wellbore integrity including optimum well construction performance
- Continually updated with live data, including the i-Trak Automated Fluid Monitoring unit (AFM)

