

# PERFFLOW CM

## Reservoir drill-in fluid to optimize production

### Applications

- Reservoir drilling
- Fluid loss control

### Features and benefits

- Uses non-damaging polymers
  - Exhibits excellent drilling performance
- Customized bridging to seal a wide range of pore throat diameters
  - Low filter cake lift-off pressures
  - Uses 98% soluble ground marble
- May be customized for specific reservoir needs
  - Maximizes production and investment payout
- Temperature-stable to 300°F (149°C) with thermal extenders
  - Works in most well temperatures
- Can be formulated to stabilize sensitive shales
  - Maintains well stability
- Designed with environmentally friendly components
  - Conforms to environmental standards worldwide

The **PERFFLOW™ CM reservoir drill-in fluid** from Baker Hughes is formulated to meet the specific requirements of each reservoir.

Like its predecessors, the PERFFLOW CM drill-in fluid is designed to provide minimal skin damage to the reservoir and optimize production. The particle size distribution of the bridging solids are tailored to the formation to optimize filter cake properties, minimize fluid invasion, and maintain low lift-off pressure.

### Recommended treatment

The PERFFLOW CM drill-in fluid is customized to the needs of the reservoir by incorporating any of the following Baker Hughes components:

- The **FLOW-CARB™ series calcium carbonates** – for custom bridging using 98% soluble ground marble calcium carbonate blends
- The **MUL-FREE™ RS emulsion preventer** – for preventing emulsions with filtrate and crude, reducing interfacial tension and filter cake lift-off pressure
- The **AKVO™ S13 shale inhibitor** or **AKVO™ COL A water-soluble glycol ether** – for shale stabilization
- The **AKVO™ TROL I high-performance fluid loss control** – for improved fluid loss control across a wide range of brines
- The **AKVO™ SLIDE** and **AKVO™ SLIDE NS lubricant** – for lubricity, when a reduced coefficient of friction is required

The PERFFLOW CM drill-in fluid has been a mainstay in the marketplace since the early 1990s and has been used to drill wells across the globe. The PERFFLOW CM reservoir drill-in fluid has demonstrated its effectiveness at protecting the reservoir, minimizing formation skin damage, and optimizing well productivity.

### Environmental information

For information concerning environmental regulations applicable to this product, contact the Health, Safety, and Environmental department of Baker Hughes.

### Safe handling

#### recommendations

Use normal precautions for employee protection when handling chemical products. See Safety Data Sheet (SDS) prior to use.