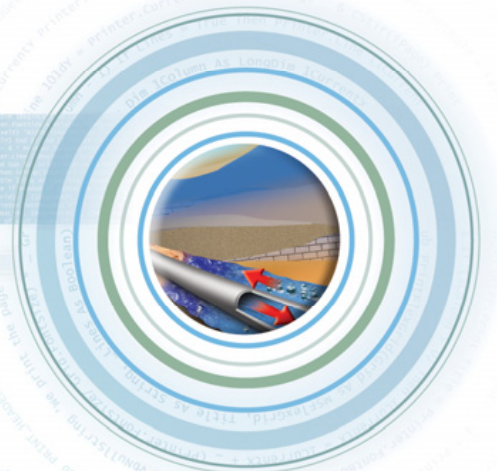


# DISPLEX™

## Completion fluid displacement



Drilling mud displacement has become a critical step in the well construction process for high rate, high productivity wells.

DISPLEX software models the displacement hydraulics of completions fluids and aids in the design of optimum mud displacement jobs. Many potential problems can be identified before the pumping starts, and appropriate modifications can be made.

- ① Flow dynamics of fluid displacement in 3D wells
- ① Land and deep water applications
- ① Forward or reverse circulation
- ① Simulate circulation sub and flow by-pass
- ① ECDs and Pressures at various depths vs. time
- ① Required flow rate for turbulence
- ① “Snap shot” of hydrostatic and total pressure profile
- ① Choke pressure can be manually applied or computer calculated
- ① Handles up to 10 fluids, each pumped at 5 rates
- ① Fluid displacement and flow pattern simulation
- ① MS Word report
- ① Support oil field, SI and customized units

