

Case History

COMPdrill™ Composite Lead/Follow Plug System

Problem

In an effort to reduce costs during liner hanger installations, an operator aimed to decrease shoe track drill-out times, while ensuring cement isolation that would produce reliable results.

Solution

Baker Oil Tools recommended implementation of the 9 5/8-in. COMPdrill composite lead/follow plug system. Employed as part of a package, the system was used in conjunction with a ZXP™ packer, HMC™ hanger, and Type I landing collar.

Results

- Successful installation of the liner hanger system including successful operation of the plug system with cement isolation
- Visible indication of plug shear and plug bumps
- Matching calculated and actual displacement figures
- The entire shoe track was drilled out, and drilled 10 ft of new hole, in 3.5 hours
- The COMPdrill plug system saved the customer hours of rig time, squeeze cement jobs, and associated cost/risk

Project Details

Project Date: September 2008

Well Location: Victoria, Texas

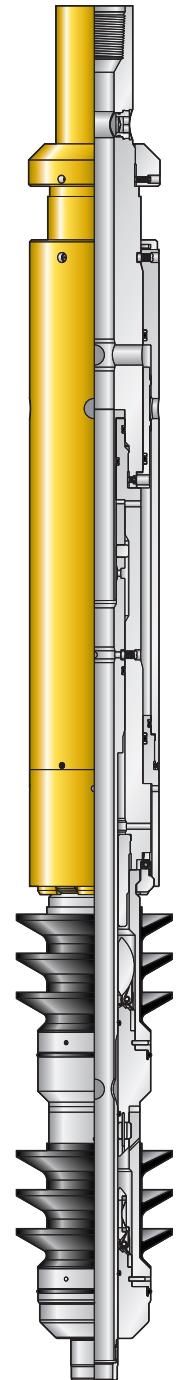
Liner Size: 9.875-in. 62.80 lb/ft

Mud Weight: 16.50 lb/gal

Cement: Pumped 204 bbls of 18.6 lb/gal cement

Max Pump Pressure: 3,000 psi

Drill Out Time: 3.5 hours



COMPdrill™ running tool