



Weatherford®

REAL RESULTS

Electromagnetic Tool with Hammer Enable Major Time Saving by Significantly Increasing ROP

Objectives

- Reduce the time required to drill the vertical section of a horizontal well by increasing the rate of penetration (ROP) and eliminating the need to conduct wireline surveys.

Results

- Weatherford's Controlled Pressure Drilling® (CPD®) services performed the job, using an air package to ensure correct air volume, an electromagnetic (EM) tool with a shock-dampening sub, a hammer tool, and dry air to increase ROP while reducing days on the well.

Value to Client

- The operator saved 16 hr, reaching the kickoff point in four days from the time drilling began.
- There were no tool failures.
- One bit was used.



Air drilling uses mist or foam as the drilling fluid to increase ROP and bit life. Whichever CPD approach is right for your wells, Weatherford has the technology, systems, and support to help, whether you need to drill faster, reduce nonproductive time, or enhance well productivity and reservoir recovery.

Location

Johnson County, Texas, USA

Type of Well

Vertical section of horizontal well

Casing Size

9-5/8 in.

Depth

- Start: 1,567 ft (478 m)
- End 6,710 ft (2,045 m)

Products/Services

- CPD services