



Weatherford®

REAL RESULTS

Weatherford Total Depth Solutions Reduces Rig Time, Enhances Safety, Saves Operator \$40,000 in Australia Using RWC™ Technology

Objectives

- Overcome tight spots with rotation and circulation in an effort to improve upon previous attempts to run 7-in. casing to bottom in wells with inclination above 50°.
- Eliminate the need for a wiper trip.
- Improve time savings and mitigate connection damage.
- Minimize time associated with tripping in and out of hole and tubular handling.

Results

- A Weatherford Total Depth Solutions team was deployed and used torque and drag modeling software to perform analysis on the well.
- Reaming-with-casing (RWC) services, along with a 7-in. modified DwC™ drilling-with-casing spear were used to successfully fill-up, circulate, and ream the 7-in. casing through tight spots and set the casing at target depth (TD) in a single trip.
- Connection time was reduced without any damaged connections.

Value to Client

- The use of Weatherford RWC services eliminated the need to perform a wiper trip, saving the operator approximately 1.5 days rig time equating to approximately US\$40,000.
- Using the DwC spear eliminated the need for water bushing to ream casing without damaging connection, thus reducing tripping time, and eliminating the crew's exposure to operational hazards for enhanced operational efficiency and safety.



Using Weatherford's RWC service helped save the operator approximately US\$40,000 compared with previous conventional operations used to rotate and circulate through tight spots.

Location

Arcadia Valley, Queensland, Australia

Well Type

Onshore, coal-seam gas producer

Hole Size

8-1/2 in.

Hole Angle

75°

Casing Type and Size

7-in., 26-lb/ft, L-80 BTC with torque rings

Setting Depth

4,741 ft (1,445 m) measured depth

Products/Services

- RWC services
- Torque and drag analysis
- Modified DwC spear
- Single joint elevators

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