



Weatherford®

REAL RESULTS

Compact™ Memory Logging System Acquires Log Data in Long, Difficult Section of Deviated Open-Hole Well in Less Than 12 Hours

Objectives

- Log a 10,000-ft (3,048-m) section of an open-hole well with a 32° deviation. Weatherford had made previous attempts to run *Compact* tools on wireline but could not reach the target zone. Hole problems had been experienced, and the mudcake appeared to have accumulated to a thickness of 2 in. (51 mm) on top of the base sediment.

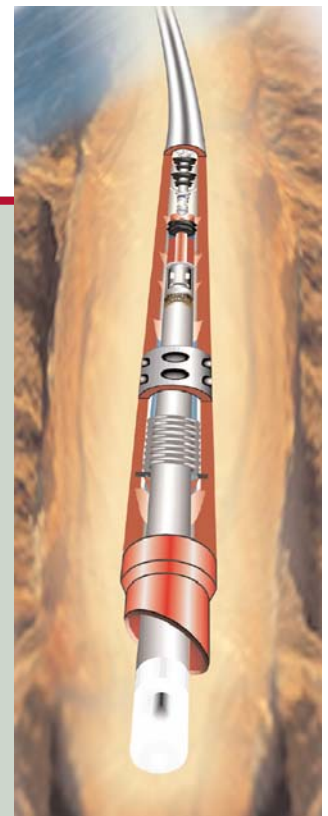
Results

- The *Compact* well shuttle was used to transport Weatherford's *Compact* memory logging tool quickly and safely inside the drillpipe.
- The log was obtained on the first attempt despite the pipe becoming stuck. The *Compact* well shuttle provided the ability to slowly rotate and circulate, enabling a high-quality log to be obtained in less than 12 hr.

Value to Client

- Logging costs were lower than they would have been using logging while drilling (LWD).
- Using the *Compact* memory logging system avoided the risk of losing an LWD assembly.
- Rig costs were reduced by the fast logging speed and ability to rotate and circulate to free the pipe.
- After the operation, the client explained that the necessary logging data would not have been acquired without the *Compact* memory logging system.

Compact memory logging provides wireline-quality open-hole logs without wireline. The small-diameter, 2 1/4-in. (57-mm) tool—conveyed on or inside drillpipe, by slickline, or on wireless coiled tubing—provides fast and efficient logging in highly deviated or horizontal wells.



The *Compact* well shuttle is the safest and most efficient way to convey Weatherford's *Compact* tools into high-angle wells and through bad hole conditions.

Location

Louisiana, USA

Well Type

Water based

Hole Size

9 7/8-in. open hole

Angle

32°

Products/Services

- *Compact* memory logging
- *Compact* well shuttle