

CASE HISTORY

URSA gyroMWD SETS A NEW STANDARD FOR ACCURACY IN BAKU

APPLICATION

Performance Drilling
Close Proximity Drilling
Collision Avoidance

TECHNOLOGY

- Wellbore Surveying
- + URSA gyroMWD Module
- + Automatic Memory Mode

LOCATION

Baku,
Azerbaijan

CLIENT CHALLENGE

A major client requested Scientific Drilling International (SDI) demonstrate its gyroMWD system abilities and performance during a two-hole-section trial.

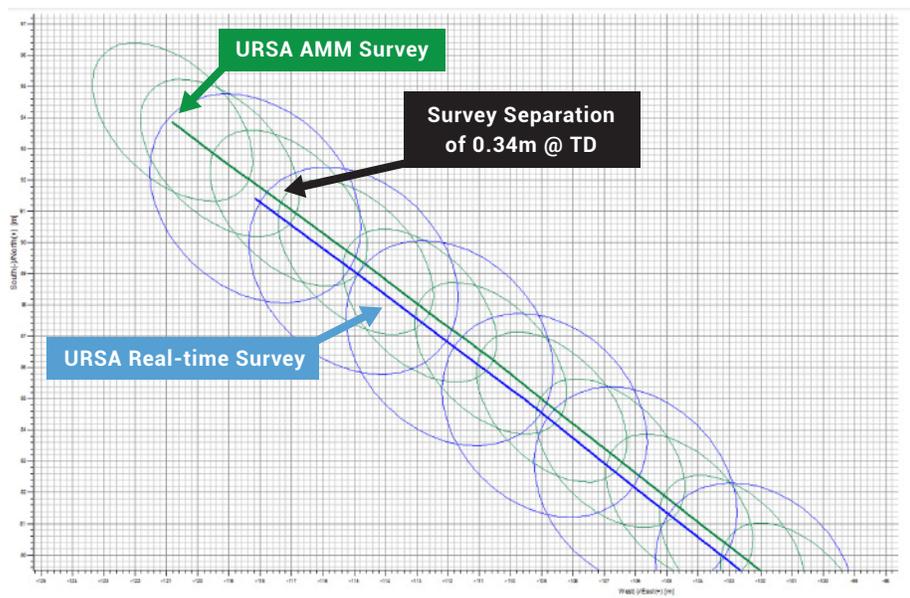
The goals of the operation included demonstrations of real-time measurement performance, on-the-fly downlink programming adjustments, and automatic memory mode (AMM) for survey collection while pulling out of the hole.

SCIENTIFIC SOLUTION

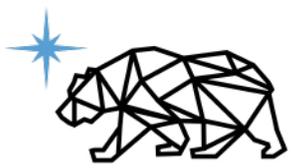
SDI deployed its latest generation URSA gyroMWD system in a module format. The URSA gyroMWD system is comprised of an array of solid-state sensors, which set a new standard for accuracy and reliability.

CLIENT VALUE

The URSA system(s) performed flawlessly over a two-week drilling campaign, with 147 passing surveys collected in real-time. No unique considerations or rig time was required to obtain this high-quality survey data or exercise URSA's full system functionality, which includes real-time shock and vibration monitoring, battery life, gyroTF, gravityTF, and continuous inclination.



One of the most impressive outcomes of the trial was the extremely close agreement between the real-time and AMM surveys. At over 2000 meters TD, the total survey separation was less than half a meter. SDI's URSA gyroMWD technology sets new standards for accuracy and repeatability in the marketplace one well at a time.



URSA gyroMWD