CASE STUDY: ARGENTINA

Rotary continuous survey reduced connection time, avoided NPT and met operational KPI in horizontal wells

CHALLENGES

- Battery activation-temperature range limitation
- Recurring noise in pumps delays static survey acquisition
- Extension of the lateral section
- Long connection time

SOLUTION

- Using Rotational Continuous Survey (RCS) at the beginning of the section until battery starts up
- QC static surveys compared to rotary continuous surveys up to landing point and then post rotational continuous survey (RCS) until section TD

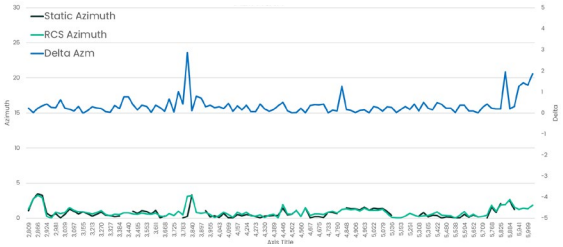
RESULTS

- RCS was posted at the beginning of the section and the entire lateral section of about 3000m
- Avoided NPT associated to pump noise or battery failure
- Reduced connection time and met operational KPI

Inclination comparison

Data gaps due to inability to acquire static surveys (caused by pump noise and decoding errors)

Azimuth comparison



Data gaps due to inability to acquire static surveys (caused by pump noise and decoding errors)
Note: the well direction is North, so for the purpose of this content, it has been adjusted to bearing instead

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