

CASE STUDY

GYRODATA DELIVERS CASSED HOLE LOGS TWICE AS FAST AS THE COMPETITOR IN THE WILLISTON BASIN

▶ TECHNOLOGY

- GeoGuide™ Radial Cement Bond Log
- GeoGuide™ 40-arm Caliper

▶ APPLICATION

- Cased Hole Logging
- High-Resolution Casing Analysis

▶ LOCATION

- Williston Basin (North Dakota)

INDUSTRY CHALLENGE + OBJECTIVE

An operator in the Williston Basin of North Dakota needed to run casing caliper and cement bond logs on four wells prior to the completions operations beginning on the pad. The operator called on two different logging companies, Gyrodata and a competitor, to split the pad in order to obtain high-quality wellbore integrity logs and meet the tight timeline established by the completions company.

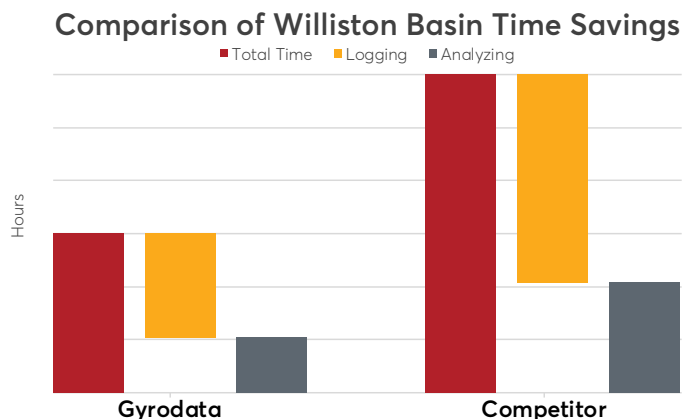
When Gyrodata completed our log of the first well, the competitor was still in the process of logging their first well. As Gyrodata was leaving location after completing the log on our second well and delivering qualified final logs to the operator, the competitor had just begun logging their second well.

TECHNOLOGY + SERVICE SOLUTION

- Gyrodata deployed our enhanced telemetry option with the Radial Cement Bond Log in conjunction with the 40-arm Caliper to log the well at a rate up to 100 feet per minute.
- Upon the completion of the logging process, Gyrodata's highly trained logging specialists have the ability to process, qualify and finalize the log on location, saving even more time. Without this service, it is possible that delivery of the final qualified logs could have been delayed 12+ hours.

RESULT + VALUE DELIVERED

- Due to the operator running behind on schedule, fast and accurate logging services were needed. Gyrodata and the competitor were able to run the Casing Caliper and Radial Cement Bond Logs simultaneously. Both Gyrodata and the competitor began the logging process at the same time, with Gyrodata finishing almost twice as fast as the competitor. Gyrodata's enhanced telemetry feature allows massive amounts of data to be collected so that data and log quality are not compromised at higher logging speeds.
- Gyrodata's training and competency systems ensure thorough training of all personnel. The ability to process, analyze and interpret almost all cased hole logs on site by our logging specialists continues to offer additional value to operators through the time savings that comes with the delivery of the final logs. In this case, the operator saved an additional 12 + hours of time for decision making. The competitor's process was more time-consuming because they had to send logs to the corporate headquarters to be analyzed and interpreted.



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