

CASE HISTORY

gyroMWD MODULE ENSURES SURVEY ACCURACY AND SAVES WIRELINE TRIP

APPLICATION

Survey Validation

TECHNOLOGY

gyroMWD Module

LOCATION

Gulf of Mexico (Deepwater)

CUSTOMER CHALLENGE

A major service company had a requirement for comparison surveys while still inside casing in order to validate the MWD surveys in this area. The customer did not want to make a dedicated trip for these surveys and did not want to compromise LWD sensor spacing objectives to add a gyro survey system for comparison.

SCIENTIFIC SOLUTION

Prior to drilling out of the shoe, surveys were taken inside the casing using Scientific Drilling's gyroMWD Module. The Module was then run in a configuration with the major service company's LWD tool and RSS. The additional surveys retrieved were used to validate the IFR model for the field.

CUSTOMER VALUE

Utilizing the SDI gyroMWD Module avoided a trip out of the hole; an estimated 15 hours roundtrip, and significant cost savings. The same BHA not only was used to provide comparison surveys, but also utilized to drill the new open hole. The gyroMWD Module's innovative design allowed for flexible BHA configurations with existing MWDs, as well as precision LWD and RSS systems.

