

Understanding the true position of the wellbore is necessary for both safety and economic reasons:

- » Improving reservoir maps and models to assist in better planning of future wells
- » Increased efficiency of completion strategies
- » Increased equipment reliability by better placement of production equipment
- » Improved safety for future close approach drilling activities
- » Relief Well contingency

Wide Range of Services

Gyrodata has developed a range of definitive gyro surveying services that can meet the accuracy requirement of any project, while fitting as seamlessly as possible into normal operations. Drop gyros offer accurate well position while using little or no rig time, the survey data is recorded by the tool, landed in the BHA prior to a planned trip out of hole. Wireline surveys can be run in casing or drill pipe and a wide range of precision centralizers optimize performance. Continuous gyro surveying represents the most accurate method of wellbore surveying available to the industry today. Survey intervals as small as one foot can identify micro-doglegs and areas of high tortuosity. Uniquely Gyrodata's continuous surveys can be reprocessed, post acquisition, to shorter survey intervals if required.

The latest innovative development from Gyrodata offers real-time definitive surveying, utilizing GWD (Gyro While Drilling). GWD can be run at all attitudes up to and beyond 90° inclination. All three versions of GWD can be commanded from surface to enter multi-shot mode prior to a planned trip out of hole. The multi-shot data can be combined with the while-drilling-surveys to produce a real-time definitive survey.

Gyrodata's engineering and technical services team stand ready to recommend the best method to meet the surveying objectives of any project.

Gyrodata Advantage:

- » Wide range of services offered
- » Industry leading accuracy
- » Active Quality Assurance and control
- » Calibration checked before every survey
- » Industry recognized error models for all service levels
- » Highly trained and skilled field engineers supported by 24/7 technical services

