

CASE STUDY

OMEGA^X™ SAVES OPERATOR 15 HOURS OF RIG TIME AND \$28,000

▶ TECHNOLOGY

- Omega^X powered by SPEAR

▶ APPLICATION

- Well Surveying

▶ LOCATION

- Permian Basin, Texas

INDUSTRY CHALLENGE + OBJECTIVE

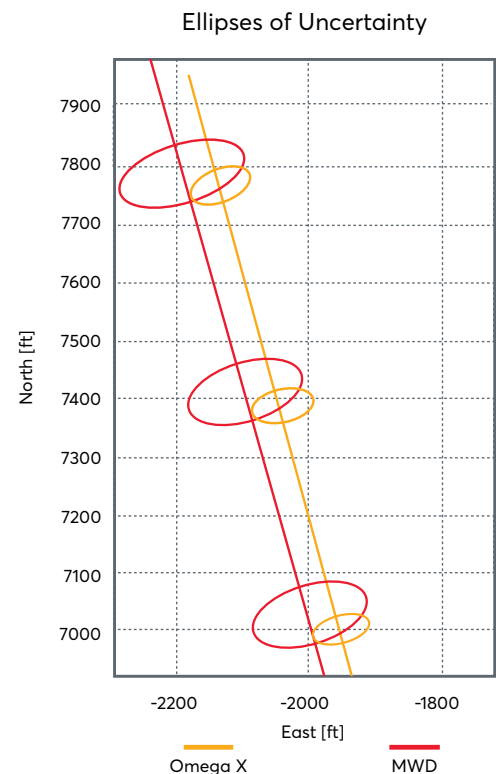
Operators in West Texas are constantly looking to improve their efficiency. Traditionally, a post drilling survey in the lateral would require a pumping truck, a wireline truck, and a designated 12 (+/-) hours of dedicated rig time to run an electric line gyro. By utilizing a drop survey landing in the BHA and the rig's circulating time as the pump down regime, Gyrodata was able to save time and reduce the risk of stuck pipe.

TECHNOLOGY + SERVICE SOLUTION

- Gyrodata provided a drop multishot survey in the lateral section during the trip out of hole. Further, the Gyrodata surveying equipment was pumped into the lateral during the rig's standard circulating time.
- By confirming an agitator was not in the drill string, Gyrodata was able to add a landing point directly into the BHA significantly closer to the bit – increasing the effectiveness of the survey. Further, Gyrodata equipment does not require a Monel, which is a non-magnetic collar that adds extra cost to the BHA.

RESULTS + VALUE DELIVERED

- Gyrodata utilized the drop survey method, saving the rig approximately* 15 hours. This survey method was previously not possible in a lateral hole section. However, using the solid-state SPEAR technology inclination restraints are no longer a factor.
- The operation utilized the time the rig was circulating drilling fluid to clean out the wellbore. This circulating regime was able to effectively pump the Gyrodata equipment through the lateral to the landing point saving approximately 2 of the 15 hours saved.
- Omega^X was able to provide a more accurate survey, utilizing existing rig practices saving time, resources, and money.
- Gyrodata's Omega^X managed to save operators approximately \$28,000 in rig time and additional third party services.



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