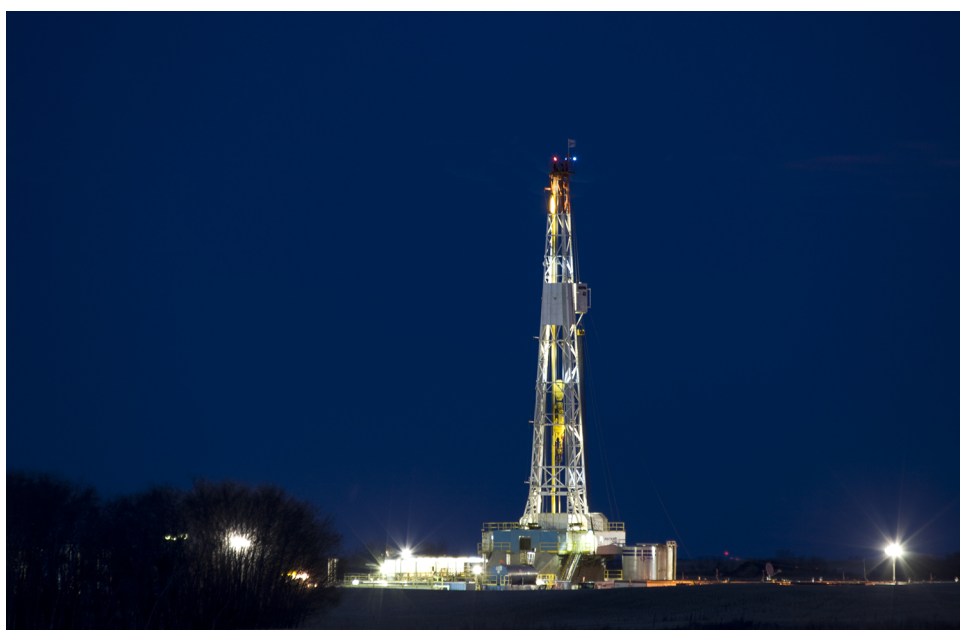


Successful deployment of Meridian-GWD in a high S&V environment.

Summary

An Operator faced the challenge of setting a whipstock and kicking off in a re-entry well. As the well was nominally vertical, a gyro system was their only option to obtain accurate toolface measurements to set the whipstock and also drill the initial part of the curve due to magnetic interference. A gyro while drilling system was used to save time and reduce HSE risk compared to using wireline gyros and steering tools.



Location

- Onshore - Canada
- Saskatchewan

Well Details

- Depth: 1,260m to 1,290m
- Re-entry well
- Pressure: 15,000 PSI

Partner

- Tooltronix

Objective

Run 1, Orientate a Weatherford Whipstock to 50 degrees gyro toolface using the Meridian-GWD and mill the window.
Run 2, Orientate the mud motor & slide, steer using the Meridian-GWD to 5 degrees inclination and then switch to MWD. Drill to TD.

Technology Used

Tooltronix MWD with Meridian-GWD provided by Icefield Energy.

Results & Value Created

8 hours of rig time was saved by using the the Meridian-GWD system versus wireline deployed gyro tools. HSE risk was reduced due to no wireline operations and MWD personnel operated the system therefore no additional engineers were required.

