

Controlled Vertical Drift Indicator



Improve drilling efficiency through accurate drift information at frequent intervals

The M/D Totco™ controlled vertical drift (CVD) indicator provides accurate drift information at frequent intervals, enabling increased drilling efficiency by maintaining a controlled vertical wellbore.

Drilling even a fraction of a degree off vertical causes increased wellbore tortuosity and stress on the drillstring, with the potential burden on equipment, increasing the need for remedial drilling activities. These unnecessary costs can be avoided by proactively using CVD tools to assist in drilling vertically.

Our CVD indicator offers intuitive use, enabling simple operation by any member of the rig crew. Easy-to-read charts provide ready access to hole inclination values, allowing the driller to see if the hole is being drilled vertically or if it is drifting.

The indicator's mechanical design, which eliminates ink and electrical equipment, ensures that readings can be acquired without the encumbrance of additional products. The heart of the CVD instrument, the double recorder, consists of an angle indicator and a timing device, where the recorder checks itself frequently to provide a high-accuracy reading.

To learn how our CVD indicator can help you maintain an absolute vertical course to improve drilling efficiency, contact your local NOV representative or visit us online at www.nov.com.

Features and Benefits

Accurate inclination information at frequent intervals

- Reduces wellbore tortuosity
- Increases overall drilling efficiency

Simple and intuitive design

- Enables operation by any member of the crew

Self-checking double recorder

- Ensures accuracy of readings
- Provides easy-to-read charts that detail hole verticality or degree of deviation

Strictly mechanical components

- Eliminates the need for ink or electrical equipment
- Reduces necessary equipment to accomplish the reading procedure