

Too low a mud weight can result in cavings as breakout

occurs. Excessive cavings can lead to tight hole and pack offs, which can result in the loss of the well.

GeoScience Ltd

GeoScience Limited is a fully independent earth science consultancy and has served the oil & gas and geothermal industries since 1985.

We specialise in three main areas; geomechanics, geothermal engineering and geology supporting exploration and development worldwide.

We have saved our oil and gas clients \$millions in NPT for over 30 years using data from more than 7000 wells to provide geomechanical solutions for successful operations worldwide.

Wellbore Stability Assessment

Identifying an optimum drilling mud weight window is essential to avoid:

- NPT
- Lost tools / equipment
- Fishing
- Additional casing strings
- Technical sidetracks
- Poor hole / logging quality

Our operationally focussed methodology uses geomechanics to link wellbore pressure to all operations in the well from drilling to logging to running casing.

Our other geomechanical services include:

- Sanding
- PPFG
- Compaction & Subsidence
- Training
- Hydraulic Fracturing
- In Situ Stress Assessment
- Support While Drilling

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