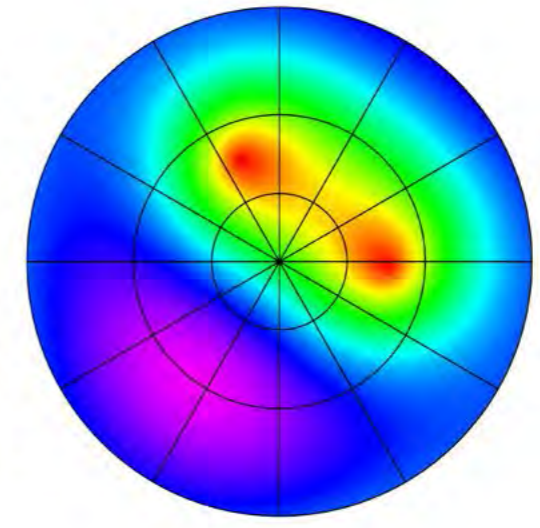


WE PROVIDE
SUBSURFACE SCIENCE
AND ENGINEERING
SERVICES TO THE OIL &
GAS AND GEOTHERMAL
INDUSTRIES

MORE THAN
30 YEARS OF
EXPERIENCE

In Situ Stress Assessment

Knowledge of the stress field is an essential input into most geomechanical assessments. We assess the local and regional stress field by integrating data from drilling, logging, testing and production, at both the wellbore and field scale



Support While Drilling

Linking operations and drilling parameters with geomechanical conditions, our daily assessments will provide you with solutions quickly should problems occur

Compaction/Subsidence

Our service provides compaction, subsidence, strain and tilt estimates for planned depletion schedules, for initial production or end of life blow down scenarios. The impact of these estimates on future completion performance, drilling locations and drilling sequence will be assessed

Sanding Production Assessment

By establishing critical limits to your production parameters under different depletion and drawdown combinations, our assessments enable you to make key decisions about completion types, well head equipment and production schedules

Strength at Depth

WHAT
COULD WE
DO FOR
YOU?

Founded in your data, our services deliver operationally focussed solutions for you to succeed

Pore Pressure Prediction

Our service will construct a pore pressure profile of your geological sequence identifying any abnormal pressures using offset well drilling and log data

Wellbore Stability Assessment

Our service determines the optimal conditions for your drilling operations to avoid costly problems, even in the most challenging downhole environments. Our proven proprietary modelling software uses a unique process to link real well behaviour to model predictions

Hydraulic Fracturing

Whether for CRI, PWRI or in unconventional pays, by using sophisticated fracture modelling software together with your data and our stress assessment, we can determine the hydraulic fracturing parameters required for your project

Training

We offer one and two day Wellbore Stability Awareness courses to explain how well behaviour during drilling can be influenced by geomechanical processes and the consequences of failing to account for them during well planning

WE OPERATE
WORLDWIDE FROM
OUR OFFICES IN
CORNWALL, UK &
BRISBANE, AU

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.

Our geomechanics services are carried out to a rigorous methodology, which is operationally focussed and based on geomechanical models constructed and calibrated using observations from adjacent offset wells.

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

Our services:

- Are operationally focussed
- Use observations from adjacent offset wells
- Are individually tailored to your requirements
- Lower drilling and operating costs by reducing Non-Productive Time (NPT)
- Reduce risk and uncertainty
- Increase productivity
- Optimise field development strategies
- Aid well planning
- Improve safety

Tel: +44 (0) 1326 211070

www.geoscience.co.uk

contactgeo@geoscience.co.uk

