



IHS ENERGY

# Regional Pressure Study

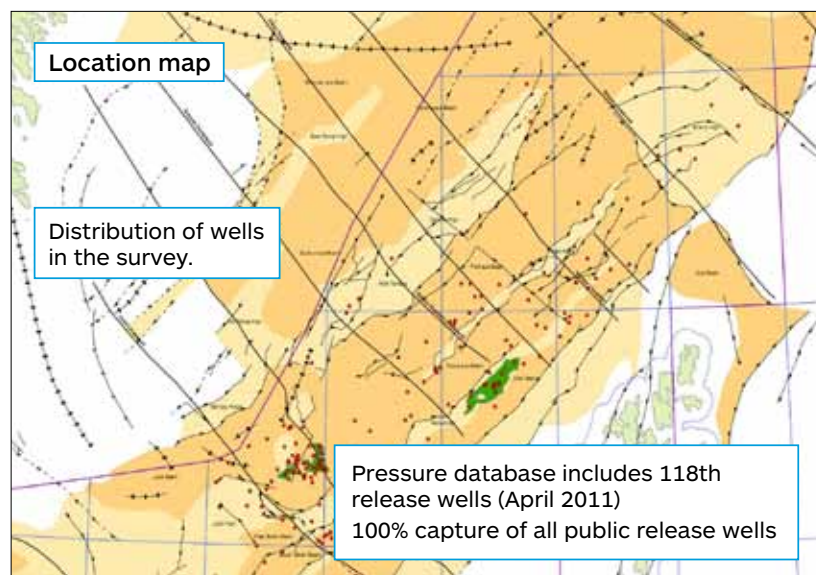
## West of Shetland Basin

### A fresh Regional Pressure Study of the West of Shetland Basin

IHS and Ikon GeoPressure have collaborated to produce a fresh regional study for the West of Shetland Basin that integrates data from 223 wells, including an updated assessment of exhumation in the region.

All of the available data relating to subsurface pressure, including the data from the IHS pressure database, has been used to generate a series of reservoir pressure distribution maps.

As part of the study, apatite fission track data, together with vitrinite reflectance and sonic velocity analysis, have been incorporated in a new assessment of exhumation and palaeo-pressure in the region.



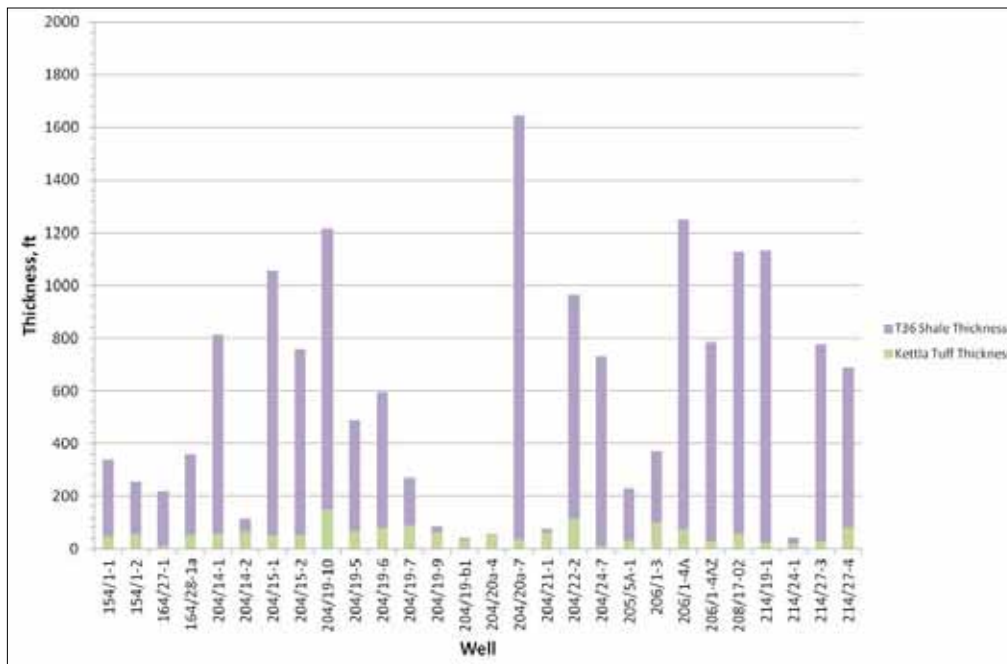
## Benefits

This new report incorporates fresh data, which were not available for previous studies. It will:

- Provide the knowledge that you need in order to reduce risks, and put you in greater control of costs.
- Provide the essential metrics to enable you to anticipate drilling hazards, plan drilling operations and make permit applications.
- Increase the likelihood of finding and drilling successful prospects.
- Help you to understand the significance of pressures in the region.

Reliable and professional interpretation from the industry specialists gives you the understanding you need to be able to negotiate the risks and uncertainties of well-planning and drilling operations, and to make key decisions with greater confidence.

## Pressure Seals



Sample figure from report

[www.ihs.com/pressure](http://www.ihs.com/pressure)

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## Deliverables

You will receive a bound printed copy, plus a digital report on a CD, which contains all the overpressure data for all of the wells in the survey as outlined below:

- Overpressure maps for the following reservoir horizons: post-Palaeocene, Palaeocene, Cretaceous, Jurassic, Triassic, Carboniferous, Devonian and pre-Devonian crystalline basement. The Palaeocene map includes over 280 overpressure values.
- Multi-well plots for all sub-basins for both pore and fracture pressures.
- Algorithms for overburden, fracture gradient, normal compaction trends in shales and regional aquifer gradients.
- Analysis of present-day and palaeo-pressures linked to burial, uplift/exhumation and fluid volume change.
- Recognition of laterally-drained reservoirs and regional fluid flow.
- A structure map of the West of Shetland Basin.