IHS ENERGY

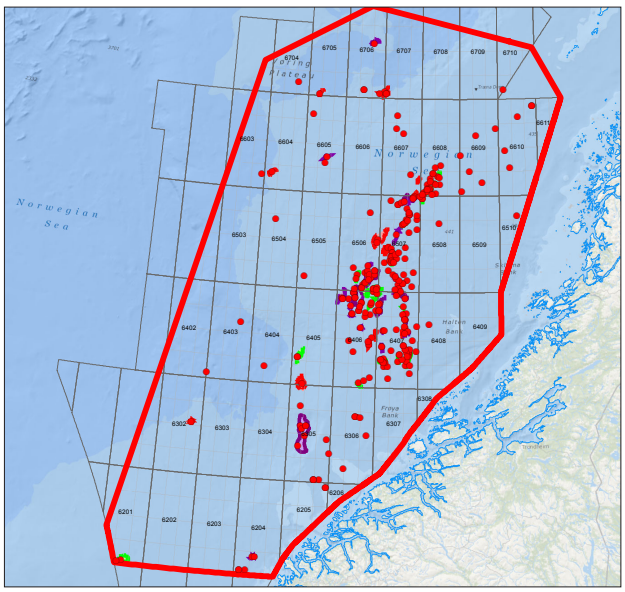
Regional Pressure Study

Mid Norway 2nd Edition

A fresh Regional Pressure Study of the Mid Norway region

The recently updated offshore Mid Norway pressure study combines Ikon GeoPressure's extensive experience of overpressures in Mid Norway, with our comprehensive high quality pressure database to examine the distribution and impact of overpressure on the Mid Norway petroleum system.

This study has already been purchased by many operators in the area, as it provides key information on the timing of pressure development and its influence on hydrocarbon trapping. Key information is included on assessing and reducing risk associated with highly variable pressure and water depths in the Mid-Norway region.



Mid Norway Regional Pressure Study Area

Benefits:

The Mid Norway Pressure Study provides a comprehensive and authoritative picture of formation pressure distribution in the region, giving you a valuable calibration to in-house pressure interpretations. The result is a highly detailed study encompassing many facets of Mid Norway pressure that will enable your company to enjoy the following benefits.

- Reduced risk of experiencing unexpectedly high or low pressure
- Associated time and cost savings
- Identification of additional reserves
- Improved understanding of the regional pressure regime

Deliverables:

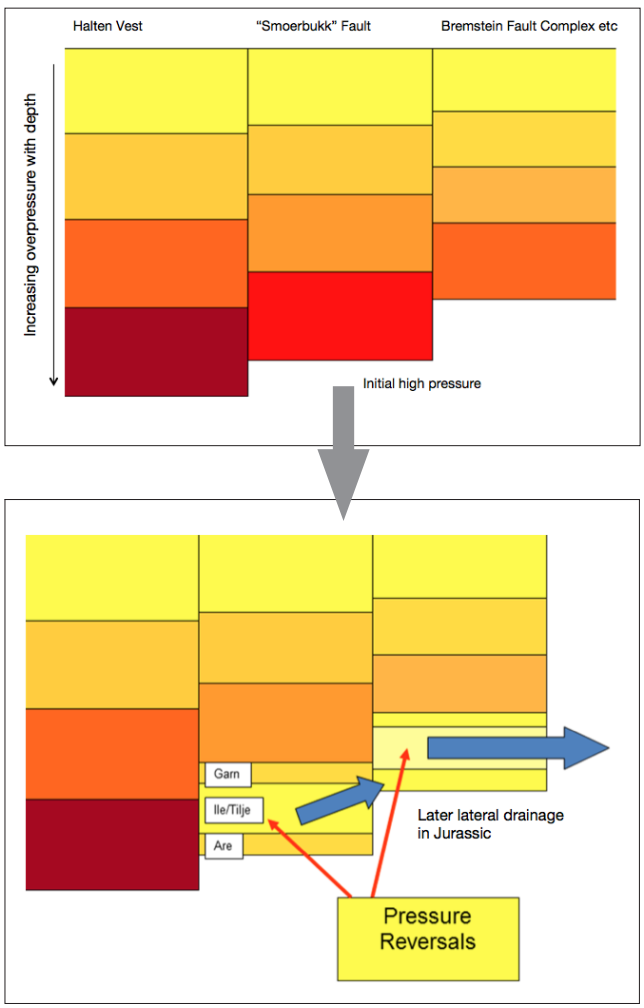
- A complete description of subsurface pressures backed by selected single-well Pressure-Depth plots, along with many multi-well plots by horizon and location.
- The distribution of overpressure, mapped out at 7 main horizons (Post-Palaeocene (Brygge), Palaeocene (Tang and Tare), Upper Cretaceous (Springar, Nise and Kvitnos), Lower Cretaceous* (Lysing, Lange and Lyr), Upper Jurassic (Spekk and Melke), Lower/Middle Jurassic (Garn, Ile, Tilje and Åre) and Triassic), and displayed on a series of map enclosures, coupled with maps of residual overpressures generated between the Lange Formation and the Lower/Middle Jurassic reservoirs and between the Garn, Ile, Tilje and Åre formation.
- A composite structure map of tectonic elements, based on a wide search of published data, integrated with all available pressure data to produce overpressure compartment maps.
- Four case studies, dealing with topics such as: lithostatic and fracture gradients, seal breach risking, pressure reversals and field scale studies, which illustrate the main characteristics of overpressure in Mid Norway.

Key features of this pressure study:

- The dramatic contrasts in pressure regimes found in Jurassic/Triassic reservoirs are explained
- The influence of glacial loading/unloading is related to seal breach as well as non-equilibrated fluids in some hydrocarbon fields

The study is available hard-bound in A4 format (with enclosures) and GIS Shape files on CD. A presentation of the summary and conclusions from the final technical review is also on the CD.

Sample Pressure Reversals figure from the report:



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