

Spatial Georegistration of Relinquishment Report Images



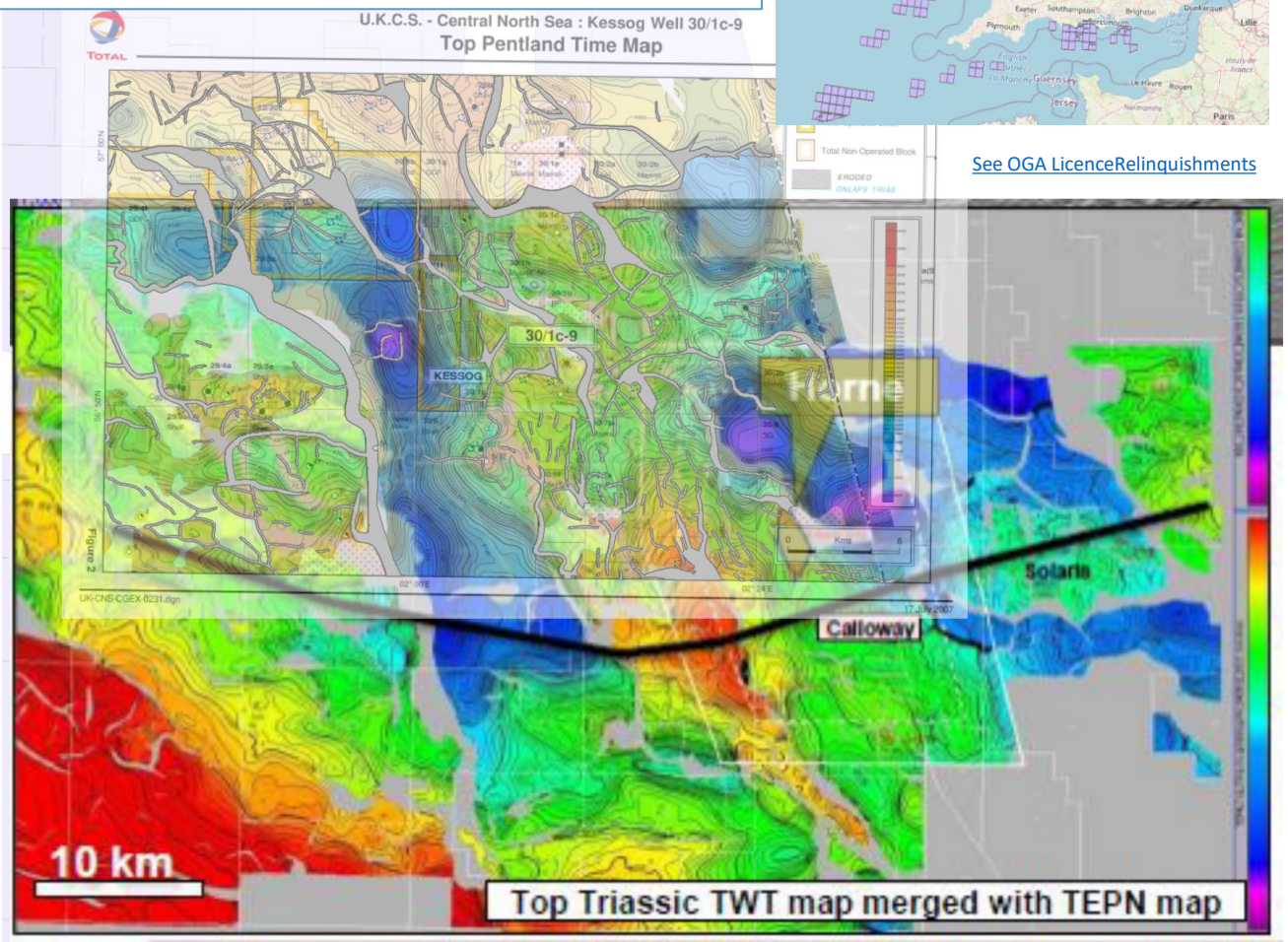
Calderdale Geoscience (CGL), a UK-based geosciences consultancy established in 2004, offers accurate map image georegistration and map digitisation services to the geoscience community.

Georegistration, or georeferencing, is the process of adjusting a raster image or vector drawing to match the coordinate system of and conform to a known reference vector or raster. In order to minimise registration errors, CGL's workflow utilises reference points with known XYs, such as well top-hole locations or block boundary intersections. This limits the digitising error to the target image or drawing. Accurate georegistration facilitates the rapid combination of information from many different sources. The map to the right shows the distribution of **relinquished UK blocks and part blocks**. CGL has a library of images taken from relinquishment reports. These can be supplied as geotiffs, along with the polygons of their extents, supplied in any vector format. Good quality images can be vectorised and gridded.

Two overlapping, example images are shown below. The overlying, 'Top Pentland' map is of good quality and the fault polygons have been traced to produce vector polygons. These are shown in grey. The 'Triassic' map is of poorer quality, but it provides insight into the uncertainty associated with the structural interpretation.



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