

# **Fluvioglacial Deposits of the Lower Kulshill Group (Late Carboniferous) of the Southeastern Bonaparte Basin, Western Australia**

Gorter, John D., and Stewart Bayford, Eni Australia Limited, West Perth, Australia

Glacial strata in the Lower Kulshill Group (Late Carboniferous) were initially recognised in cores drilled in onshore wells in the southeastern Bonaparte Basin in the 1960s. Subsequent offshore wells extended the distribution of the glacigene units, and showed their capacity to entrap oil and gas in the Turtle and Barnett wells, located on the Turtle High.

Using sparse cores, electric logs, palynology and 2-D and 3-D seismic data, a sequence stratigraphy interpretation of the distribution of potential reservoir sandstones and sealing lithologies has been developed for the offshore southeastern Bonaparte Basin west of the Turtle High.

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