Cooper Basin Deep Coal 2020 Resource Assessment

By

The Deep Coal Consortium

Deep Coal Technologies Pty Ltd (DCT)

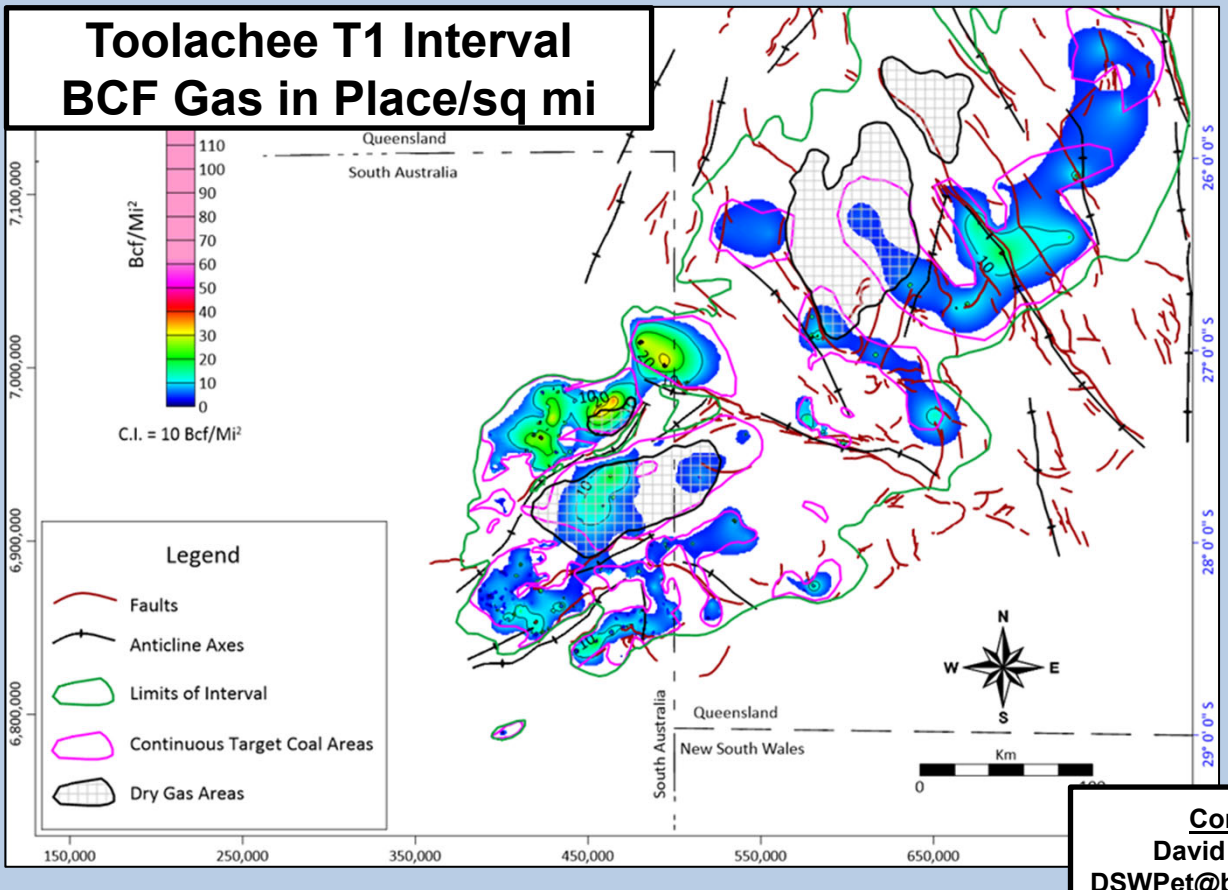
Rose & Associates

Cutlass Exploration

The Deep Coal Consortium is pleased to announce completion of the first systematic review of the volumetric potential of the Gidgealpa Group Coal Measures in the deep portions (>3,000 feet) of the Cooper Basin based upon detailed analysis of well data (n=1,300). The Gidgealpa Group was evaluated in ten assessment intervals based upon regional well correlation.

The study provides both deterministic and probabilistic estimates of in-place and technically recoverable gas and liquids, and (for the first time) Prospective Resources. Results are presented in tabular form and as a set of maps for each assessment interval and for the Group.

Low (P90), Median (P50) and High (P10) map realizations were generated for each assessment interval and volumes were aggregated to estimate the Group resource potential. An example for one interval is shown below.



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The innovative methods used to calculate the map-based uncertainty in volumetric potential are discussed in URTEC 198304-MS.

The Deep Coal Play contains world-class volumes of potentially commercial gas and condensate. This volumetric study provides strategic spatial context for decision-making as efforts to commercialise this play accelerate in the months ahead.

In addition, the data can be used to more fully characterise specific portions of the play, such as company acreage. The Consortium can provide technical support for such customised analysis.

For details contact David Warner of DCT at:
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Resource Assessment Database

The basis for the Resource assessment is a multi-year analysis conducted by Deep Coal Technologies Pty Ltd. It includes the available well data from 1,300 wells in the deeper portions of Cooper Basin.

In these wells all penetrated coal intervals greater than 10’ were analysed and characterised using up to 20+ parameters, including calculated gas content. The resulting database, containing 3,200 individual coal reservoir descriptions, is available for purchase from DCT.