

Multidisciplinary Modeling, Development and Uncertainties on Tsiengui Field, Gabon. A Case Study

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Tsiengui Field have been under appraisal, production and active development onshore Gabon since 2005, to date it has produced a total of 14 MMbbls from both Gamba and Dentale Formations. The producing interval is a thin viscous oil rim overlain by a large gas cap and underlain by a large connected aquifer system with average formation core permeability of 3 Darcies for Gamba Sst and 1 Darcy for. Dentale Sst.

This paper presents the lessons learned and the improvements on modelling, both static and dynamic, with the data acquired during field development and the remaining uncertainties.