

Tartan Re-Development | 2012

Talisman Energy

Customer: David Hutchison, Developments Manager

Project phase: Appraise

Dundas scope: Opportunity Framing
Schedule and Production Modelling
Development Engineering Support
Petroleum Economics

Testimonial: *Awaiting approval of external affairs.*

PROJECT DESCRIPTION

The Talisman-operated Tartan platform serves as a production hub for the Tartan field and several subsea-tie back developments. Having identified a number of potential development opportunities and a range of infrastructure options, the Talisman Developments group initiated an Appraise level project with the aim of identifying technically and commercially viable alternatives.



DUNDAS ROLE

As a major brownfield project, assessing the performance of the options was complex. Starting from facilitation of opportunity framing sessions, Dundas proposed a consistent and transparent evaluation methodology and documented this for agreement by key stakeholders. Dundas then constructed a model used in the forecasting of project incremental values for a wide range of options including combined in-field and tie-back development campaigns, subsea and platform drilling and various platform accommodation and processing modifications.

The model was subsequently used both as a joint “database” for sub-surface, facilities and processing analysis and in preparation of stage-gate materials, for stakeholder engagement and in internal approval processes.