



GENERAL

Well 15/6-11 S was drilled on the Dougal North prospect in the South-eastern end of the Viking Graben. The Dougal North prospect is situated in a down-faulted block south of the Ermintrude West Segment of the Dagny Discovery. It was believed to be a continuation of the Dagny reservoir. The main objective was thus to delimit and test the extension of the Hugin Formation of the Dagny Discovery. If hydrocarbons were confirmed a drill stem test would be conducted.

OPERATIONS AND RESULTS

Appraisal well 15/6-11 S was spudded with the semi-submersible installation Ocean Vanguard on 27 October 2010 and drilled to TD at 4042 m in the Early Jurassic Statfjord Formation. The BHA was lost at 1758 m but was retrieved. It was decided to run wire line logs at this point, and drilling proceeded without further significant problem after that. The well was drilled with sea water and bentonite sweeps down to 696 m, with Performadrill WBM from 696 m to 2190 m, and with XP-07 14A OBM from 2190 m to TD.

The Hugin Formation reservoir sands were penetrated at 3868.5 m MD (3800 m TVD), which was 16 m deeper than prognosis. The Hugin reservoir was found to be water wet. Only weak oil shows that could be due to the OBM was observed in the Hugin Formation, otherwise no hydrocarbon indications were reported from the well.

No cores were cut. MDT water samples were taken at 3916.5 m.

The well was plugged back for sidetracking to a second prospect, Ermintrude West. It was abandoned on 19 December 2010 as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 15/6-11 S