



Wellbore History

GENERAL

The sidetrack well 6406/2-6 A was drilled in a presumed up-dip position of well 6406/2-6. The primary objective was to appraise the discovery in the Tofte Formation on the Ragnfrid structure. A secondary objective was to test the hydrocarbon potential in the Garn and the Ile Formations.

OPERATIONS AND RESULTS

Appraisal well 6406/2-6 A was side-tracked from re-opened primary well 6406/2-6 on 24 May 2000 from just below the 13 3/8" casing shoe at 2715 m and drilled to a total depth of 5251 m/4842 m TVD, approximately 150 m into the Tofte Formation. Well 6406/2-6 A was drilled without major problems. It was drilled with oil-based mud ("VersaPro") from kick-off point to TD.

In contrast to the expected up-dip position of the side-track, the well proved a down faulted segment and penetrated a significantly thicker Melke Formation and a complete package of Garn Formation, instead of a strongly eroded package according to the prognosis. The proven segment is expected to cover a relatively small area in the central parts of the Ragnfrid structure. The reservoir units proved to be down faulted and a 64 m TVD thick Viking Group was present. The Garn and the Ile Formations proved water bearing except for a possible condensate bearing thin sand in the Ile Formation. The Tofte Formation proved an approximately 4 m condensate in the top of the formation. This was confirmed by an MDT sample taken at 5105. A core was cut in the interval 5123 m to 5151 m in the Tofte Formation. The well was permanently abandoned as a condensate appraisal well on 6 July 2000.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 6406/2-6 A