



Wellbore History

GENERAL

The primary target for well 25/4-9 S was a prospect of Paleocene age called Klegg, approximately 11 km north-northeast of the Heimdal field, and four km south-southwest of Vale.

OPERATIONS AND RESULTS

Wildcat well 25/4-9 S was spudded with the semi-submersible installation Deepsea Delta on 5 September 2003 and drilled to TD at 2377 m in the Paleocene Heimdal Formation. It was drilled deviated with a maximum deviation of 23.6 deg at 1609 m. The first two hole sections (36" and 17 1/2 ") were drilled with seawater. The 12 1/4" hole section was drilled with Versavert OBM, while the 8 1/2" hole section (reservoir section) was drilled with NaCl WBM.

The Heimdal Formation reservoir was encountered at 2236 m with 61 meters gross sand (55.9 m net). The sand had very good reservoir properties and was oil bearing. Production from the nearby Heimdal and Frigg fields had caused depletion of the regional aquifer by approximately 18 bars. A Free Water Level was interpreted to be at 2297 m (2197.4 m TVD MSL), but this is probably affected by the production pressure depletion.

Two MDT runs were carried out. Representative oil and water samples, and a large volume of oil were recovered from the Heimdal Formation. One core was cut from 2239.2 m to 2256.5 m close to top of the Heimdal Formation.

The well was permanently abandoned on 29 September 2003 as an oil discovery (the Vilje Discovery).

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 25/4-9 S