



Wellbore History

GENERAL

Well 25/8-16 S and its sidetrack 25/8-16 A were drilled on the Utsira High in the southern part of the Viking Graben in the North Sea. Well 25/8-16 S found a 3 m oil column in the Heimdal Formation. The sidetrack well 25/8-16 A was drilled to appraise this discovery down flank of the structural high (where 25/8-16 S is situated).

OPERATIONS AND RESULTS

Appraisal well 25/8-16 A was kicked off from main well 25/8-16 S at 1040 to 1050 m on 13 May 2009. It was drilled with the semi-submersible installation Bredford Dolphin to TD at 2324 m (2189 m TVD) where severe mud losses occurred. Due to this TD was set prematurely and attempts to run wire line logs failed. Also, since there were no returns for lithostratigraphy the stratigraphy at TD was not defined. Last known lithostratigraphic Formation was the Ekofisk Formation, 6 m above TD. The well was drilled with XP-07 oil based mud from kick-off to TD

The Heimdal formation consisted mainly of claystones with a thin sandstone at 2236 m. This sand was partly highly calcite cemented with some thin good porosity sands interbedded with the calcite stringers. The logs showed that the good porosity sands were water filled. Above this sand some thin and unclear siltstone/sandstones were indicated to contain hydrocarbons. However, the MDT tool was not able to pass 1392m and the MDT sampling was aborted. No oil shows were recorded in the well.

No cores were cut and no wire line fluid samples were taken.

The well was permanently abandoned on 23 May 2009.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 25/8-16 A