



Wellbore History

GENERAL

Well 34/3-1 A was drilled on the Jordbær structure on the Tampen Spur on the Norwegian Continental Shelf. The primary well 34/3-1 S encountered an oil-down-to situation in the Cook Formation before reaching TD in the Statfjord Formation at 4081 m TVD RKB. The down flank sidetrack 34/3-1 A was carried out in order to define the oil-water contact and to prove economic reserves.

OPERATIONS AND RESULTS

Appraisal well 34/3-1 A was kicked off on 10 September 2008 at the 13 3/8" casing shoe at 2203 m in the primary well. The well was drilled with the semi-submersible installation Bredford Dolphin to TD at 4162 m (3999 m TVD) in the Early Jurassic Amundsen Formation. At 3670 m the mud weight was increased to 1.77 sg resulting in total losses of the mud return. After cutting back the mud weight 1.67 sg full returns were regained. The well was drilled with XP-07 LT oil based mud from kick-off to TD.

The Cook Formation was encountered at 3954 m (3833 m TVD). From pressure gradient evaluation the oil-water contact was set at ca 4018 m (3886 m TVD).

No cores were cut in the side track. MDT fluid samples were taken in the Cook Formation. Oil samples were collected at 3955.9 m, 3964.9 m, and at 3993.7 m, while water samples were collected at 4013.5 m. The mud contamination in the oil samples varied from 1% to 16%.

The well was permanently abandoned on 30 October 2008 as an oil appraisal well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 34/3-1 A