



Wellbore History

GENERAL

Production License 173, block 35/10, is located north-northwest of the Troll, approximately 80 km off-shore Western Norway. Well 35/10-3 is the third well drilled within the PL 173 licence area. The objective of the well was to test the hydrocarbon potential of Paleocene deep marine sandstones (Hermod Formation) of the Sele Formation in the southern part of block 35/10, known as the the Graben Fill prospect. The reservoir was expected to consist of two deep marine fans, stacked on each other.

OPERATIONS AND RESULTS

Wildcat well 35/10-3 was spudded 23 June 1999 with the semi-submersible installation "Transocean Arctic". First attempt to spud failed due to boulders at 427 m. The installation was moved 20 m and after a successful second spud it was drilled to a total depth of 2250 m in the Late Cretaceous Jorsalfare Formation. The well was drilled with bentonite/PAC down to 655 m and KCl polymer mud (Ultidrill) from 655 m to TD. No shallow gas was encountered. A class 2 warning (over-pressured shallow gas) was given for a sand layer prognosed at 675 m. The Hermod Formation was penetrated at 1948 m and consisted of 35 m sandstone, as prognosed. The sandstone was water filled. Weak direct fluorescence and a few grams with cut fluorescence and increase in heavy components in the background gas was described. The prognosed lower fan proved to consist of claystone. No conventional cores were cut and no fluid samples were taken.

The well was permanently plugged and abandoned as a dry well on 14 July 1999.

TESTING

No drill stem test was performed

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 35/10-3