



Wellbore History

GENERAL

Well 35/11-12 is situated North of the Troll Field. Its main objectives were to test the presence and type of hydrocarbons in the Oxfordian turbidites in the Amanda prospect. The well was positioned to test the largest possible HC - column in the stratigraphic trap component of the Amanda prospect, with good margin to the mapped spill point. A secondary objective was to test the presence of potential Callovian turbidites.

OPERATIONS AND RESULTS

Wildcat well 35/11-12 was spudded with the semi-submersible installation "Transocean Arctic" on 19 April 2000 and drilled to a total depth of 3378 m in Middle Jurassic shales of the Heather Formation. The well was drilled with spud mud down to 725 m and with water based "Glydril" mud (with glycol) from 725 m to TD. Two turbidite sequences of Kimmeridgian and Oxfordian age respectively, were penetrated. The sequences contained predominantly claystones, but comprised also thin sandstone beds of very poor reservoir quality. No fluid contacts or fluid gradients were identified from the log and pressure data.

A MDT oil sample was taken at 3211.0 m within a two-meter thick porous sandstone of the Oxfordian sequence. The reservoir pressure at the sampling point was measured to 359.23 bar. Maximum draw down during pumping was approximately 110 bar and the maximum temperature recorded was 107.5 deg C. The sample contained mostly water with some oil. One core was cut in the interval 3120 to 3146 m in the upper Oxfordian turbidite and the Heather Formation.

The well was permanently abandoned as a dry well with shows on 14 May 2000.

TESTING

No drill stem test was performed

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 35/11-12