



GENERAL

Wellbore 7228/7-1 B is situated in the Nordkapp basin. The Nordkapp basin is the most pronounced structural element east of Loppa High, with a basinal-axis oriented NE-SW. From top Cretaceous and down to TD of the well the sediments are steeply dipping due to salt diapirism, with the salt diapir located SE of the surface location. The main objectives of well 7228/7-1 B was to establish the oil-water contact for the oil column discovered in 7228/7-1 A.

OPERATIONS AND RESULTS

Appraisal sidetrack well 7228/7-1 B was kicked off from well 7228/7-1 A with the semi-submersible installation "Transocean Arctic" on 2 February 2001 at 1699 m in the Snadd Formation. The well path follows the Lower Carnian sandstone down flank. Final TD was in the Snadd Formation in the Lower Carnian sandstone at 2227 m. The well was drilled with "Glydril" mud (KCl / Polymer / glycol) from kick-off to TD. The well had to be planned with a high angle and was still building angle when drilling through the lower Carnian sandstone. Due to the high angle it was not possible to reach TD with the wire line tool (PEX-MDT), but two MDT pressure measurements of good quality were obtained in the upper part of the lower Carnian sandstone. A gradient line between these two points shows a water gradient. The MDT measurements from 7228/7-1 B does not exactly fit the gradient line from well 7228/7-1 A. This difference is believed to be due the uncertainties in the depth measurements in well 7228/7-1 B. The oil water contact in 7228/7-1B was concluded to be approximately at the same depth as the down-to situation indicated in well 7228/7-1 A, at 2100 m (2078 m TVD RKB, 2054 m TVD MSL). No cores were cut and no fluid samples were taken in this sidetrack.

Well 7228/7-1 B was permanently abandoned as an oil and gas appraisal on 10 February 2001.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 7228/7-1 B