



Wellbore History

GENERAL

The 7226/2-1 Ververis well was drilled on a dome structure on the Bjarmeland platform in the Barents Sea. The objective was to prove hydrocarbons in the Realgrunnen Group of Jurassic age, in the Snadd Formation of Carnian age and in the Kobbe Formation of Anisian age.

OPERATIONS AND RESULTS

Wildcat well 7226/2-1 was spudded with the semi-submersible installation Polar Pioneer on 18 May 2008 and drilled to TD at 2992 m in the Early Triassic Havert Formation. No significant problems were encountered in the operations. No shallow gas was observed. The well was drilled with Seawater and hi-vis bentonite pills down to 544 m and with FormPro mud from 544 m to TD.

The Ververis well penetrated a short Quaternary section and then a thin section of Cretaceous before dissecting both the Jurassic and Triassic sections. The well showed gas in the Kobbe Formation. There were also indications of hydrocarbons in the Havert Formation where the sandstones showed high resistivity during drilling, but the MDT log indicated that the reservoir was tight. No hydrocarbon/water contacts were observed in the well, only lithological gas-down-to contacts. In the Kobbe Formation on Obesum and in the Havert Formation on Ververis, there are strong indications that low permeable zones were plugged because of the properties of the mud. This has made it difficult to examine on the presence of hydrocarbons and flowing properties. Weak oil shows (yellowish fluorescence were recorded in the intervals 903 - 952 m, and at 1746 to 1747 m. No bottom hole temperature at final TD is given on the fact pages, due to no reliable downhole temperature obtained.

Four cores were cut in the original hole: from 905 to 952 m (Tubåen Formation); 1365 to 1418 m (Snadd Formation); 1747 to 1751 m (Kobbe Formation), and from 2892 m to 2897 m in the Klappmyss Formation. Two more cores were cut in two coring sidetracks (T2 and T3) made after final TD in the original hole: from 2929 m to 2948.4 m in the Havert Formation and from 1896 m to 1927.9 m in the Kobbe Formation. MDT wire line water samples were taken at 905.3 m in the Tubåen Formation and at 1362 m in the Snadd Formation. MDT gas samples were taken at 1903.7 m, 1747.8 m, and at 1920.3 m in the Kobbe Formation.

The well was permanently abandoned on 19 July 2008 as a gas discovery.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 7226/2-1