



Wellbore History

GENERAL

Well 25/9-1 is located East of the Jotun area and Southwest of the small 25/6-1 Discovery. Well 25/9-1 was drilled to test the hydrocarbon potential of Middle Jurassic Hugin Formation sandstones (Rummel prospect) with sandstones of the Lower Palaeocene Ty Formation as a secondary target.

OPERATIONS AND RESULTS

Wildcat well 25/9-1 was spudded with the semi-submersible "Vildkat Explorer" 28 March 1995 and drilled to a total depth of 2525 m as prognosed, 110.5 m into sediments of the Late Triassic Smith Bank Formation. The well was drilled with bentonite / sea water down to 1056 m and with "Anco 2000" mud with ca 3% "Anco 208" glycols from 1056 m to TD.

No shallow gas or boulder beds were encountered in the uppermost well section. The well penetrated mainly clays and claystones in the Nordland, Hordaland and Rogaland groups. A clean Quaternary sandstone was seen between 275 and 319 m. The Utsira (754.5 m - 1000 m) and Skade (1284.5 m -1344.5 m) Formation sandstones were also present. Top Våle Formation was reached at 2030.5 m but no Ty Formation sands were present and the lithology consisted mainly of limestones and chalk, which continued down to top Shetland Group at 2043.5 m. The Shetland Group consisted mainly of chalk with the Cromer Knoll Group consisting of limestones interbedded with clay stones and marls. The Hugin Formation sandstones came in as prognosed at 2184.5 m and were found to be water bearing. One 11.5 metre core was cut. The core showed excellent reservoir parameters.

No hydrocarbons were found in the Våle Formation. Weak shows were seen in drilled cuttings from two intervals; the Lista Formation from 1951 m to 2017 m and in the Draupne and Heather formations from 2167 to 2184.5 m and in a number of sidewall cores recovered from wire line log run 2F, interval 1988 m to 2413 m. Post well organic geochemical analysis confirmed traces of migrated hydrocarbons present in the interval 2180 m - 2183 m (Heather Formation). Except from the above mentioned shows, MWD and wire line log responses did not indicate any presence of hydrocarbons throughout the well. No fluid samples were taken in the well. The well was permanently abandoned as dry well 22 April 1995.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 25/9-1