



Wellbore History

GENERAL

Well 15/3-2 was drilled in the Vilje sub-basin structural element of the south Viking Graben of the North Sea. The objectives of well 15/3-2 were all Jurassic sands. The well was planned in two phases. Phase 1 (15/3-2) was to be drilled with the Polyglomar Driller down to top Jurassic. Phase 2 (15/3-2 R) was to be drilled with the Pentagone 84, a rig with a 15.000 psi wellhead equipment, necessary for testing of the high-pressure Jurassic reservoirs.

OPERATIONS AND RESULTS

Well 15/3-2 was spudded with the semi-submersible installation Polyglomar Driller on 29 October 1976 and drilled to TD at 4258 m in the Late Jurassic Draupne Formation. When pulling out of the hole to set the 9 5/8" casing the drill string parted at 138 m, but was fished out. Otherwise, no significant technical problem occurred in the operations. The well was drilled with seawater and hi-vis pills down to 186 m, with prehydrated bentonite in fresh water from 186 m to 784 m, with LFC/Dextrid mud from 784 m to 2875 m, and with LFC+LC in seawater from 2875 m to TD. Up to 3% oil was added to the mud from 3953 m to TD.

Down to 4236 m (Tertiary and Cretaceous sections) no significant shows were observed except in Coniacian and Turonian limestones where some brown-yellow fluorescence was observed. Electric log analysis did not indicate any hydrocarbon-bearing reservoirs in these limestones.

No cores were cut and no wire line pressure points or fluid samples were taken.

A 9 5/8" casing was set at 4248 m and the well was suspended on 24 January 1977 for later re-entry and drilling and testing of the Jurassic targets. The well is classified as dry.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 15/3-2