



Wellbore History

GENERAL

Well 34/10-20 was the first well drilled on the Gamma structure south of Gullfaks Sør in the northern North Sea. The primary objective was the Middle Jurassic Brent Group. Secondary objectives were Early Cretaceous sandstones, the Cook Formation and the Statfjord Group.

OPERATIONS AND RESULTS

Wildcat well 34/10-20 was spudded with the semi-submersible installation Ross Isle on 23 December 1983 and drilled to TD at 3747 m in the Early Cretaceous Cromer Knoll Group. The well was plugged back and abandoned without reaching the targets. Engineering difficulties associated with high fluid pressure and low formation integrity was the reason why the well had to be abandoned. It was drilled with gel/seawater down to 1053 m, with KCl/polymer mud from 1053 m to 2990 m, and with lignosulphonate mud from 2990 m to TD.

The well was dry. Zones with weak shows, mostly on claystone cuttings, were recorded from 1860 m to 2050 m in the Rogaland Group.

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

The well was permanently abandoned on 23 April 1984 as a junk well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 34/10-20