



Wellbore History

GENERAL

Well 7/11-4 is located ca 8 km north-east of the Cod Field in the North Sea. The objective of the well was to test the Late Paleocene "Cod Formation" sands, gas bearing in the Cod 7/11-1 and -2 wells; and the Early Paleocene, Danian, which had gas and oil shows in the 7/11-1 well. Other objectives with possible but less likely development of porosity were sands of the Late - Middle Eocene and the top of the Late Cretaceous chalk.

OPERATIONS AND RESULTS

Wildcat well 7/11-4 was spudded with the semi-submersible installation Ocean Viking on 2 July 1969 and drilled to TD at 3321 m in the Late Cretaceous Tor Formation. No significant problems were encountered in the operations.

None of the objectives, the Late - Middle Eocene, the Paleocene Forties Formation, the Danian, or the Late Cretaceous materialized as productive zones. Sand was lacking in the Eocene, and was shaly and tight in the top of the Paleocene Rogaland Group. Only 9 m net of porous sand was encountered in the interval 3082 - 3098 m in the Middle and Lower Rogaland Group. This was below the postulated water table and from logs the net sand interval was water wet. Sands in the Danian section were tight and calcareous, and no porosity was present in the Late Cretaceous chalk. Shows reported from SWC's from the well were described as "oil specks" and "bituminous specks" in sandstones and shales in the interval 3024 - 3093 m in the Rogaland Group.

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

The well was permanently abandoned on 31 July 1969 as a dry well.

The next well on the structure, well 7/11-5, was drilled in 1982 and found oil in Jurassic Ula sands.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 7/11-4