



**GENERAL**

Well 30/6-24 S was drilled on the Delta Structure, some 5 km north of the main Oseberg Field area. The primary objective was to test the hydrocarbon potential of the Statfjord Formation.

**OPERATIONS AND RESULTS**

Wildcat well was spudded with the semi-submersible installation Vildkat Explorer on 13 October 1991 and drilled to TD at 3986 m (3742 m TVD). The well was offset from the target location and deviated below 1035 m due to the proximity of a 30" gas pipeline above the target co-ordinates. An 8 1/2" pilot hole was drilled from 231 m to 422 m to check for shallow gas, but no shallow gas was found. The well was drilled with spud mud down to 1017 m, with KCl mud from 1017 m to 3300 m, and with Thermadril WBM mud from 3300 m to TD. When running the 9 5/8" casing it stuck at 3052 m. A spot of 25 m3 EZ spot/diesel was added to free the casing and this oil was in the mud down to 3974 m.

An oil show was recorded on cuttings from a limestone stringer at 2505 m. Top Jurassic, Dunlin Group came in at 3581 m. Dunlin Group had sporadic weak shows on siltstone cuttings. Top of target reservoir Statfjord Group was encountered at 3683 m. It was water bearing with oil shows on core no 1 in a 2-meter zone from 3686 m to 3688 m. Otherwise no hydrocarbon indications were recorded in the well.

Two cores were cut in the top of the Statfjord Group from 3682 m to 3712 m. No wire line fluid samples were taken.

The well was permanently abandoned on 6 December 1991 as a dry well with shows.

**TESTING**

No drill stem test was performed.

**LITHOSTRATIGRAPHY & HISTORY FOR WELL: 30/6-24 S**