



Wellbore History

GENERAL

Well 30/9-24 was drilled on the Omega Nord Statfjord prospect, a rotated fault block, about 6 km southwest of the Oseberg field centre. The main objective of well 30/9-24 was to prove commercial accumulation of hydrocarbon in the Nansen and Eriksson Members in the Statfjord Formation. A secondary objective was to explore the Lower Statfjord reservoir. The TD of the well was planned to be into the Hegre Group.

OPERATIONS AND RESULTS

Drilling operations were done from the semi-submersible installation Transocean Leader. Based on the site survey, shallow gas could not be excluded in the interval 272 to 480 m. A pilot hole, 30/9-24 U2, was therefore drilled on 10 September 2009 to 581 m, without identifying shallow gas. After the pilot the main well was spudded and drilled with a 17 1/2" hole to 1402 m with 30" conductor at 191 m. It was not possible to run the 13 3/8" casing below 253 m and it had to be pulled. It was also observed that the guideposts /PGB had subsided 4m. The well was therefore plugged, abandoned and named 30/9-24X.

Wildcat well 30/9-24 was finally spudded on 16 September 2009, 29.4 m in direction 135.3 deg from the original location. The 30" conductor was set at 226 m and a 17 1/2" hole was drilled to 1294 m. When pulling out of the hole, the drill string got stuck at 1269 m. The string was cut at 1078 m. A cement plug was set and a 13 3/8" casing was run with shoe at 1014 m. A sidetrack, 30/9-24 T2, was then drilled from 1070 m to final TD at 3767 m in the Triassic Lunde Formation. The well was drilled with sea water and hi-vis pills down to 1294 m in the original hole, and with Versatec oil based mud in the sidetrack from kick-off at 1078 m to final TD.

The well penetrated top of the primary objective, the Nansen Member, at 3150 m, and the secondary objective Lower Statfjord at 3368 m. All reservoirs were water wet. Fluorescence and cut fluorescence, possibly due to the oil based mud, were observed just below Base Cretaceous from 2856 to 2866 m and in the Nansen and Erikson Members from 3150 to 3250 m.

As the well was dry no cores were cut and no wire line fluid samples were taken.

The well was plugged, but attempts to cut the 30" conductor from the rig failed. The rig left location on 17 October 2009. The vessel Island Valiant arrived location on 30 October to cut and retrieve the 30" conductor and the wellhead housing that was left on location after the rig left, and to retrieve pre-laid anchors. Operations were completed on 6 November 2009. Well 30/9-24 is classified as a dry well.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 30/9-24