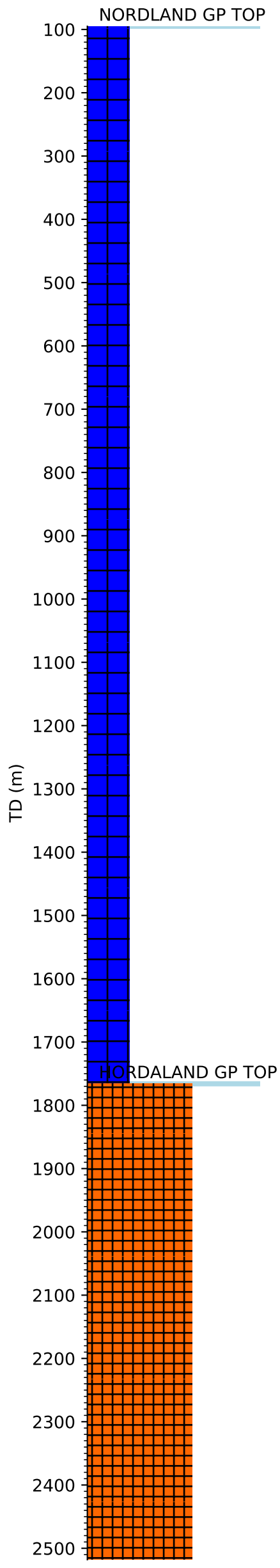
Groups

Formation Tops

Wellbore History



N/A

GENERAL

Wildcat well 2/4-13 was drilled in the middle of a northwest to southeast trending structural/stratigraphic closure on a rotated fault block, about 12 km north of the Ekofisk Field in the North Sea. The primary purpose of the well was to assess the hydrocarbon potential and to test the reservoir potential of Late Jurassic sandstone.

OPERATIONS AND RESULTS

Well 2/4-13 was spudded with the semi-submersible installation Treasure Saga on 3 September 1988. The well was drilled through the 36", 26", and 17 1/2" sections. The 17 1/2 section was logged before the 13 3/8 casing was run and cemented with shoe at 2503 m. Problems with the seal assembly occurred, which eventually lead to plugging and abandonment of the well. The well was drilled with spud mud and gel down to 921 m and with KCl mud from 921 m to TD.

The well penetrated the Nordland Group to a total depth of 2518 m, 847 m into the Hordaland Group. Shallow gas was seen on MWD between 560 m and 650 m. Below this level background gas varied between 1 - 15 % with trip gas up to 32%. The gas was composed of C1 and C2 with trace C3 towards TD.

The well was permanently abandoned on 6 October 1988 as a junked well. The rig was moved 53.4 m NNW for spudding of a new well bore with the same objectives, well 2/4-14.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 2/4-13