



Wellbore History

GENERAL

Well 25/6-5 S was drilled to test the Skirne East prospect on the northern part of the Utsira High in the North Sea. The primary objective was to prove hydrocarbon presence, determine fluid nature and evaluate reservoir characteristics in the Hugin Formation, Middle Jurassic age. The reservoir was expected mainly sandy with good reservoir characteristics.

OPERATIONS AND RESULTS

Wildcat well 25/6-5 S was spudded with the semi-submersible installation Leiv Eiriksson on 13 March 2015 and drilled to TD at 2520 m (2391 m TVD) m in the Early Jurassic Dunlin Group. No significant problem was encountered during drilling. During P&A heavy vibrations, pressure drops and erratic torque occurred when cutting wellhead and housing.

Lower section of cutter assembly was lost in hole. Anchored lines were disconnected prior to run a second cutter assembly. Same issues were encountered and finally a section of the BHA was lost in hole. It was decided to leave location and retrieve wellhead later with a vessel. The well was drilled with seawater and hi-vis pills down to 218 m, with Glydril mud from 218 m to 2378 m, and with KCl/polymer mud from 2378 m to TD.

Top Hugin Formation is at 2458 (2332 m TVD) and contain a 37 m thick sandy reservoir, gas/condensate bearing. A gas-water contact was established at 2468 m (2341 m TVD). No shows are recorded in the well other than in the hydrocarbon bearing Hugin reservoir.

No cores were cut and no fluid sample was taken in the well. LWD pressure measurements indicate that the water leg is 36.6 bar depleted compared to the initial aquifer pressure documented in the 25/5-3 (Skirne) exploration due to production from the Skirne Field.

The well was permanently abandoned on 10 April 2015 as a gas/condensate discovery. Recovery of the PGB and removal of the wellhead was achieved during 7-8 May 2015 by the LWI vessel Island Vanguard.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 25/6-5 S