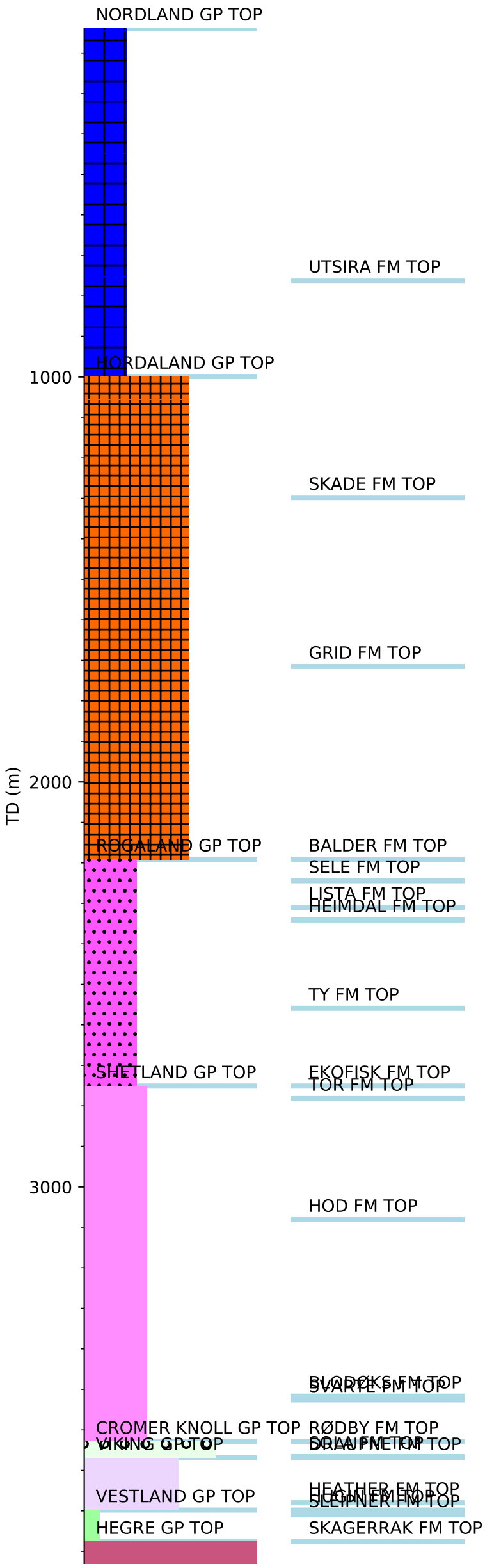
Groups

Formation Tops



Wellbore History

GENERAL

Well 15/6-12 was drilled on the McHenry prospect on the south-western tip of the Gudrun Terrace in the south Viking Graben. The main objective was to test the Hugin Formation. The secondary objectives were to test the Sleipner and

Skagerrak formations. The Hugin Formation was also the main reservoir in the Dagny/Ermintrude discovery wells. The deep oil-water-contact observed in the 15/5-7 well on Dagny (3897 m TVD SS) indicated a possible spill from the Dagny/Ermintrude structure towards McHenry.

OPERATIONS AND RESULTS

Wildcat well 15/6-12 was spudded with the semi-submersible installation on Transocean Leader on 22 December 2010 and drilled to TD at 3930 m in the Triassic Skagerrak Formation. Shallow gas was interpreted close to the well location and a 9 7/8" pilot hole was drilled from the 30" conductor shoe to 1060 m. No shallow gas was observed. Eighteen meter of drill string was lost in the hole prior to the logging job so loggers TD is 3914 m. Otherwise no significant problem occurred in the operations. The well was drilled with sea water and hi-vis pills down to 1104 m, with Performadrill WBM from 1104 m to 2768 m, and with Low-ECD XP-07 oil based mud from 2768 m to TD.

The Hugin Formation was penetrated at 3798 m. It was only 12 m thick and held a 4 m thick oil filled sandstone. The Hugin sand was prognosed to be between 10 and 100 m thick. The pressure measured in the Hugin Formation indicated no communication with the Dagny/Ermintrude discoveries to the south of 15/6-12. Otherwise there were no hydrocarbon indications apart from a 2.5 m thick limestone stringer with top at 2975 m. This limestone showed a significant resistivity increase and a decrease in density and gave a gas peak of 4.2 %, but no fluorescence was described. The secondary targets, Sleipner Formation and Skagerrak Formation were water bearing.

No cores were cut. An oil sample was collected with a MDT tool at 3806.0 m. The sample was estimated to be ca 11% contaminated with OBM.

The well was permanently abandoned on 9 February 2011 as an oil discovery.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 15/6-12