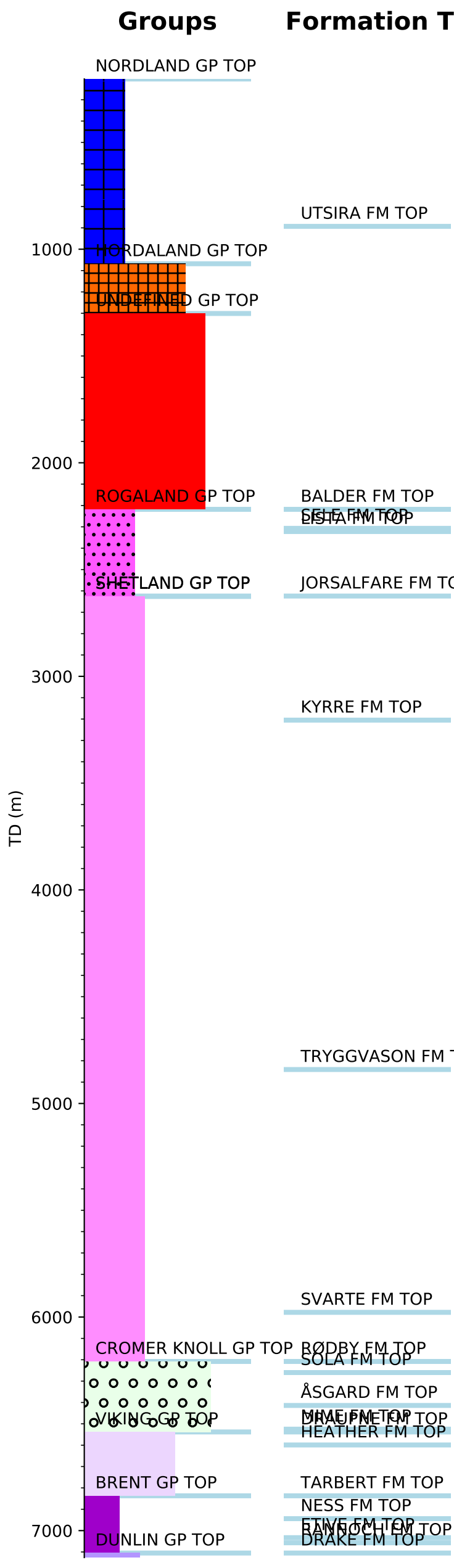

Wellbore History

GENERAL

Well 34/11-6 S is an exploration well in Valemon West, located west of the Valemon Main Field in the North Sea. The well objective was to prove and test the Brent Formation for hydrocarbons in the E-segment. If commercial, the well was to be completed and put directly on production from the Valemon platform.

OPERATIONS AND RESULTS

Wildcat well 34/11-6 S was spudded with the jack-up installation West Elara on 1 November 2016 and drilled to TD at 7126 m (4405 m TVD) m in the Early Jurassic Drake Formation. Lost circulation was experienced in the 17 ½" hole, otherwise operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 356 m, with water-based CMC mud from 356 to 1284 m, with Versatec oil-based mud from 1284 m to 4471 m, and with WARP oil-based mud from 4468 m to TD.

Top Tarbert Formation was encountered at 6837 m (4154 m TVD). Tarbert and Ness Formations were gas bearing down to 6985 m (4281 m TVD). Tarbert and Ness lie on two different gas gradients, with the Ness gas gradient 4 bar higher than the Tarbert gradient.

A gas peak of max 8% was observed at 2446 m in the upper part of the sand interval in Lista Formation. Any hydrocarbon fluorescence that could have been present was masked by the OBM and therefore detection of oil shows in the cuttings was not feasible.

No cores were cut. No fluid sample was taken on wireline, but single-phase fluid samples taken at the well head contained 3.6% CO2, 84.6% methane and 11.6% C2+ hydrocarbons.

The well was completed on 26 January as a gas discovery. On 2 February it was re-classified as a producer with well name 34/11-B-11.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 34/11-6 S