



**Wellbore History**

The 1/2-2 well was drilled to evaluate the prospect named Hummer, located in the Central Graben in the North Sea ca 4.5 km east of the UK border. The prospect was a relatively simple four-way dip closure structure, with the primary target being the Palaeocene Forties Sandstone Member of the Sele Formation. There was a secondary target in the underlying Mey Sandstone Member of the Lista Formation. The Hummer prospect was located between several proven hydrocarbon accumulations in the Forties Sandstone, including the Blane oil discovery in PL 143BS, approximately 11 km to the south, the 7/11-3 gas condensate discovery on the flank of the Cod Field, 5 km to the North, and the Olselvar gas condensate discovery 12 km to the east in Block 1/3.

**OPERATIONS AND RESULTS**

Well 1/2-2 was spudded with the jack-up installation Mærsk Giant on 14 December 2005 and drilled to TD at 3434 m in the Paleocene Ekofisk Formation. There were no serious technical problems in the operations, but due mainly to hole problems and WOW the well was completed ca 15 days after schedule. The well was drilled with seawater and pre-hydrated bentonite sweeps down to 703 m, with Performadrill KCl mud from 703 m to 1507 m, and with Enviromul oil based mud from 1507 m to TD.

A Forties reservoir was penetrated at 3135 m, +3m low from the prognosis. No hydrocarbons were encountered, but oil shows were recorded in the upper part of the Forties Formation and in a sandstone stringer further down in the Lista Formation.

A 46 m core (4") was cut in the Forties sandstone Member, from 3141.5 m to 3187.5 m. The core recovery was 98% (44.9 m). Wire line logging was according to dry hole case with no wire line fluid samples taken.

The well was permanently abandoned on 2 February 2006 as a dry well.

**TESTING**

No drill stem test was performed.

**LITHOSTRATIGRAPHY & HISTORY FOR WELL: 1/2-2**