



**Wellbore History**

**GENERAL**

Well 34/8-14 S with geological sidetracks A, B, C, and D were drilled on the Pan/Pandora prospect on the structural trend between the Visund and the Gimle Fields in the northern North Sea. The western part of the structure, the Pan structure, is defined by rotated fault blocks while the eastern part, the Pandora structure, consists of slided degradational blocks. The general objective of all the wells was to test the hydrocarbon potential in the structure. Wells 34/8-14 S (Pan) and 34/8-14 A (Pandora) were drilled to provide important information on the hydrocarbon phases and HC/water contacts. Both wells both proved hydrocarbons and sidetracks B, C, and D were subsequently drilled to further delineate hydrocarbon contacts and reserves.

**OPERATIONS AND RESULTS**

Wildcat well 34/8-14 S was spudded with the semi-submersible installation Borgland Dolphin on 17 September 2008 and drilled to TD at 3470 m (3133 m TVD) in the Early Jurassic Drake Formation. Angle was built slowly up to ca 10 deg deviation at 1268 m, then a steeper angle was built up to a maximum of 42 deg at 2268 m. The well was drilled with Seawater and hi-vis sweeps down to 1268 m, with KCl polymer with GEM GP from 1268 m to 1271 m, and with XP07 OBM from 1271 m to TD.

Top Brent Group in well 34/8-14 S was encountered at 3187 m (2865 m TVD RKB) and proved to be oil and gas bearing. The quality of the reservoir sandstones of the Tarbert Formation was excellent. A GOC was found at 3226 m (2902 m TVD RKB). Oil was found down-to the Ness shales at 3247 m (2922 m TVD RKB. Above top Brent Group no oil shows are reported and gas levels were low.

Two cores were cut from 3194 to 3250.5 m in well 34/8-14 S. The MDT was run for pressure points and fluid samples. Samples were obtained at 3199 m (gas), 3229 m (oil), and 3299 m (water).

The well was plugged back and permanently abandoned on 21 October 2008 as an oil and gas discovery.

**TESTING**

No drill stem test was performed.

**LITHOSTRATIGRAPHY & HISTORY FOR WELL: 34/8-14 S**