



## Wellbore History

### GENERAL

Well 7122/7-5 A is a side track to well 7122/7-5 well, which was as an exploration well on the Goliat West Prospect, a downthrown fault compartment compared to the proved hydrocarbon accumulations of Goliat. Well 7122/7-5 penetrated reservoirs in the Early Jurassic/Late Triassic Realgrunnen Group, the Late Triassic Snadd Formation, and the Middle Triassic Kobbe Formation and into the Early Triassic Havert Formation. All reservoirs were found water bearing. Sidetrack well 7122/7-5 A was drilled to explore the potential of the Kobbe Formation on the east up thrown side of the fault.

### OPERATIONS AND RESULTS

Well 7122/7-5 A was drilled with the semi-submersible installation Polar Pioneer. The well was kicked off below the 13 3/8" casing from 1075 m on 23 December 2006 and drilled to TD at 2186 m (1973 m TVD RKB) in the Middle Triassic Kobbe Formation. Some problems with the MWD and with tight hole were experienced. Formate mud previously used for drilling the 7122/7-1, -2, -3, -4S, and -5 was used from kick-off to TD.

Top Triassic was encountered at 1200 m. The top Snadd Formation was encountered at 1286 m, 4 m TVD deeper than prognosis. Top Kobbe Formation was encountered at 1844 m, with top of the oil-bearing reservoir at 1944 m (1761.8 m TVD MSL), 9.2 m TVD shallower than prognosis. The oil-water contact was interpreted to be at 2014 m (1817m MSL) based on intersecting oil and water gradients. No oil shows were observed above Kobbe level. Shows on cuttings were observed from 1940 m down to Total Depth at 2186 m.

No conventional cores were taken in the well. The MDT (Modular Dynamic Tester) was used for fluid sampling. Oil was sampled from the Kobbe reservoir at 1998.5 m, and at 1978.0 m.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 7122/7-5 A