



## Wellbore History

### GENERAL

Well 16/3-8 A is a geological sidetrack to well 16/3-8 S. The well was drilled on the eastern part of the Johan Sverdrup Field on the Utsira High in the North Sea. The primary objective was to further investigate the reservoir sections penetrated in the primary well bore 16/3-8 S.

### OPERATIONS AND RESULTS

Appraisal well 16/3-8 A was kicked off at 1716 m in the primary well bore on 18 March 2014. It was drilled with the semi-submersible installation Bredford Dolphin to TD at 2132 m in the Permian Rotliegend Group. No significant problem was encountered in the operations. The well was drilled with Aquadrill mud from kick-off to TD.

The well penetrated 12 m of Intra Draupne Formation sandstone at 1960 m, above a thin Triassic sequence and Permian Zechstein carbonates. The Intra Draupne sandstone possessed excellent reservoir properties. Petrophysical analysis show average porosity of 25 %, N/G 0.99 and water saturation of 19 %. The resistivity data over the section is affected by massive filtrate or whole mud invasion. Oil shows were described over the Intra Draupne Formation sandstone reservoir and in the dolomitic limestone in the lower part of the Zechstein Group, down to top Kupferschiefer Formation. The oil-water contact was the same as in the main well bore, at 1950 m TVD.

No cores were cut in this well bore. An RCX fluid sample was taken at 1990 m (water and filtrate).

The well was permanently abandoned on 1 April 2014 as an oil appraisal well.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 16/3-8 A