# **Formation Tops Groups** NORDLAND GP TOP 1000 TD (m) <mark>ĦO</mark>RDALAND GP TOP 2000 <del>GALAND</del> GP TOP SHETLAND GP TOP

TOR FM TOP

EBOMETEKNOLLOP TOP SOLA FM TOP

3000

# **Wellbore History**

## **GENERAL**

Exploration well 2/8-17 A is a sidetrack from well 2/8-17 S which drilled a salt induced anticline on the western edge of the Piggvar Terrace 20 km Northeast of the Valhall Field. The decision to drill the sidetrack well was made when well 2/8-17 S was abandoned due to hole problems that prohibited a full evaluation of the structure. The primary objectives of well 2/8-17 A were the Late Cretaceous Ekofisk and Tor chalk Formations, same as in well 2/8-17 S, but it was decided that the sidetrack should evaluate a more down flank element of the Trud prospect than in well 2/8-17 S. Well 2/8-17 A was planned to TD in Permian evaporites immediately underlying the chalk.

## **OPERATIONS**

Exploration well 2/8-17 A was kicked off from 1690 m in well bore 2/8-17 S with the jack-up installation "Transocean Nordic" on 18 January 1998 and drilled to 2838 m where mud losses and circulation problems resulted in lost hole. A technical sidetrack, 2/8-17 A T2, was kicked off from 1952 m in well 2/8-17-A and successfully drilled to target TD at 3145 m (2853 m TVD RKB) in Permian evaporites. The well was drilled with "ANCOVERT" oil based mud from kick-off to TD.

The 2/8-17 A T2 well penetrated the Upper Cretaceous Ekofisk and Tor Formations, and a thin Lower Cretaceous interval before reaching TD in the Permian. There were no oil shows and no cores were taken. The Cretaceous interval was evaluated by a comprehensive wire-line logging program, which confirmed the absence of hydrocarbons in comparatively low porosity chalk. No fluid samples were taken. Well 2/8-17 A T2 was permanently abandoned as a dry hole on 21 February 1998.

### **TESTING**

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 2/8-17 A