



## Wellbore History

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### GENERAL

Well 30/11-11 S was drilled to test the Madam Felle prospect on the east flank of the Fensal Sub-basin in the North Sea. The well is located ca 3 km south of the Askja East oil Discovery. The primary objective was to prove petroleum in the Middle Jurassic Tarbert Formation. The secondary objective was to prove petroleum in the Middle Jurassic Ness formation.

### OPERATIONS AND RESULTS

Wildcat well 30/11-11 S was spudded with the semi-submersible installation Songa Delta on 4 March 2016 and drilled to TD at 3675 m in the Middle Jurassic Ness Formation. No significant problem was encountered in the operations. The well was drilled with seawater and hi-vis pills down to 1150 m and with XP07 oil based mud from 1150 m to TD.

Well 30/11-11 S encountered oil in a sandstone from 3290 m to 3315 m in the top of the Tarbert Formation. Twenty-two metres of this sandstone had moderate to good reservoir properties. The Ness Formation had sandstones with moderate to good porosity, but these were water bearing. No oil shows were recorded in the well except for in the hydrocarbon bearing Tarbert sandstone sequence.

No cores were cut. MDT fluid samples were taken at 3299.5 m (oil) and 3403 m (water).

The well was permanently abandoned on 19 March 2016 as an oil discovery.

### TESTING

No drill stem test was performed.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 30/11-11 S