



## Wellbore History

### GENERAL

Well 15/9-21 S was drilled from the Sleipner Vest wellhead facility. The well was designed deviated to appraise the oil potential of the Hugin Formation east of the main Sleipner Vest Field. Another objective was to further appraise the Hugin Formation oil in the Sleipner Vest area, which had been discovered in well 15/9-B-4 T2.

### OPERATIONS AND RESULTS

The 24" section of well 15/9-21 S was spudded from the batch-set 32" conductor on 23 March 1998. Using the jack up installation West Epsilon the well was drilled to TD at 5126 m in the Middle Jurassic Sleipner Formation. No significant problems were reported from the operations. The well was drilled with PAC/seawater down to 506 m, with Aquadril KCl/glycol mud from 506 m to 3457 m, and with oil based mud from 3457 m to TD.

The target was penetrated approximately 2670 m east of the platform centre, at a depth of 4736.5 m (3592.0 m SS), 19.6 m deep to prognosis. The first 30 m of the target sandstone drilled was Intra Heather Sandstone. The Hugin Formation was penetrated at 4767 m. Only minor hydrocarbons were found. Oil shows, partly masked by the oil based mud, was observed on the cores from the Hugin Formation. The strongest shows were seen in the interval 4784 to 4798 m where oil slowly seeped from the core.

Four cores were cut from 4747 m in the Intra Heather Formation Sandstone to 4843 m in the Hugin Formation. No wire line fluid samples were taken.

The well was permanently abandoned on 23 May 1998 as a dry well.

### TESTING

No drill stem test was performed

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 15/9-21 S