



## Wellbore History

### GENERAL

Appraisal well 31/6-8 R is a re-entry of well 31/6-8 in the south-west corner of the Troll East gas province. The objective of the re-entry was an elaborate testing program to obtain a number of reservoir engineering parameters.

### OPERATIONS AND RESULTS

Well 31/6-8 re-entered (31/6-8 R) on 22 July 1985 with the semi-submersible installation Treasure Seeker. The well was tested without significant technical problems. Operations took 63 days. After testing the well was plugged and permanently abandoned on 22 September 1985 as a gas and oil appraisal.

### TESTING

Various tests were performed, including a production test, a sand production test, and fracture testing. Test 1 was a production test from the interval 1537.6 m to 1557.6 m as a high-rate test on a special production string. The test produced through gravel pack at maximum 3900000 Sm<sup>3</sup> gas /day on a double 2" choke, which was considered a world record for an offshore well. The liquid production at this rate was ca 105 Sm<sup>3</sup>, giving a gas/liquid rate of ca 137000 Sm<sup>3</sup>/Sm<sup>3</sup>. The maximum temperature during this test, from a gauge at 1528 m, was 68.5 deg. C.

## LITHOSTRATIGRAPHY & HISTORY FOR WELL: 31/6-8 R