Groups Formation Tops

Wellbore History

N/A N/A

GENERAL

Well 15/9-12 R is a re-entry of well 15/9-12, which was drilled as an appraisal well on the saddle area between the Alpha and Beta structures on the Sleipner Vest field in the North Sea. Due to technical problems with the rig the final testing was not done in the primary well. The purpose of the re-entry was testing and plugging.

OPERATIONS AND RESULTS

Well 15/9-12 was re-entered on 29 March 1982 with the semi-submersible installation Deepsea Saga.

After testing the well was permanently abandoned on 27 April 1982 as a gas-condensate appraisal well.

TESTING

Three Drill Stem Tests were conducted. DST 1A tested the interval 3585 m 3595 m. This test was aborted due to bad weather after flowing the well for 150 minutes. The interval was retested a few days later in DST 1B.

DST 1B flowed 252 Sm3 condensate and 771600 Sm3 gas /day through a 64/64" choke. The condensate/gas ratio (CGR) was 3056 Sm3/Sm3, the condensate density was 0.793 g/cm3, and the gas gravity was 0.772 (air = 1) with ca 8% CO2. The DST temperature was 121 deg C at gauge depth 3561.8 m.

DST 2 tested the interval 3512 m to 3522 m. It flowed 231 Sm3 condensate and 808500 Sm3 gas /day through a 64/64" choke. The CGR was 3495 Sm3/Sm3, the condensate density was 0.793 g/cm3, and the gas gravity was 0.765 (air = 1) with ca 7% CO2. The DST temperature was 119 deg C at gauge depth 3499 m.

Eight gas samples and six condensate samples were taken at the separator during DST 1. Eight gas and eight condensate samples were taken at the separator during DST 2. Neither test experienced sand production nor was H2S detected.