



GENERAL

The Delta discovery, made by well 33/9-6 in 1976, is situated approximately 4.5 km east of the Murchison platform. Well 33/9-6 had good oil shows, but was not tested due to mechanical problems. An oil down-to at 2998 m TVDSS corresponding to the top Mid Ness shale was seen in the well. The well had moderate reservoir quality within the Tarbert/Ness Formations, and excellent reservoir quality within the water-bearing Eive Formation.

Well 33/9-21 S was drilled to appraise the Brent Group reservoir quality and the oil-water contact as seen in well 33/9-6. If the reservoir quality was within expectations a horizontal sidetrack would be drilled to further evaluate the oil-bearing sands and eventually to undertake a test production.

The well was drilled deviated from the Murchison Platform on the UK side of the border, where the well name is UK211/19a-M75z.

OPERATIONS AND RESULTS

Appraisal well 33/9-21 S was spudded from the Murchison Platform on 22 December 2008 and drilled to TD at 6051 m (3048 m TVD SS) in the Middle Jurassic Eive Formation. The well was drilled with Bentonite PAC mud down to 805 m, with KCl/glycol mud form 805 m to 1577 m, and with Versaclean oil based mud from 1577 m to TD.

Top target reservoir came in at 5867 m (2972 m TVD SS), 10 m low to prognosis. Hydrocarbons were encountered in the Tarbert, Ness and Eive formations with an OWC within the Eive sands at 3004 m TVD SS. Log interpretation confirmed the expected Brent Group reservoir quality as seen in well 33/9-6. A horizontal sidetrack was thus decided to further appraise the oil-bearing sands. Shows were reported as "no shows above OBM" throughout the well bore.

No cores were cut and no wire line fluid samples were taken. The well was logged on LWD only. The formation pressure was measured with the StethoScape tool.

The well was permanently abandoned on 19 March 2009 as an oil appraisal.

TESTING

No drill stem test was performed.

LITHOSTRATIGRAPHY & HISTORY FOR WELL: 33/9-21 S