

NPD – exploration drilling result

10/01/2012 The Norwegian Petroleum Directorate has granted a drilling permit for wellbore 6407/1-5, cf. Section 8 of the Resource Management Regulations.

Well 6407/1-5 S will be drilled from the *Borgland Dolphin* drilling facility at position 64°59'20.14"north and 07°00'17.24"east after completing the drilling of wildcat well 6507/6-4A for E.ON Ruhrgas in production licence 350.

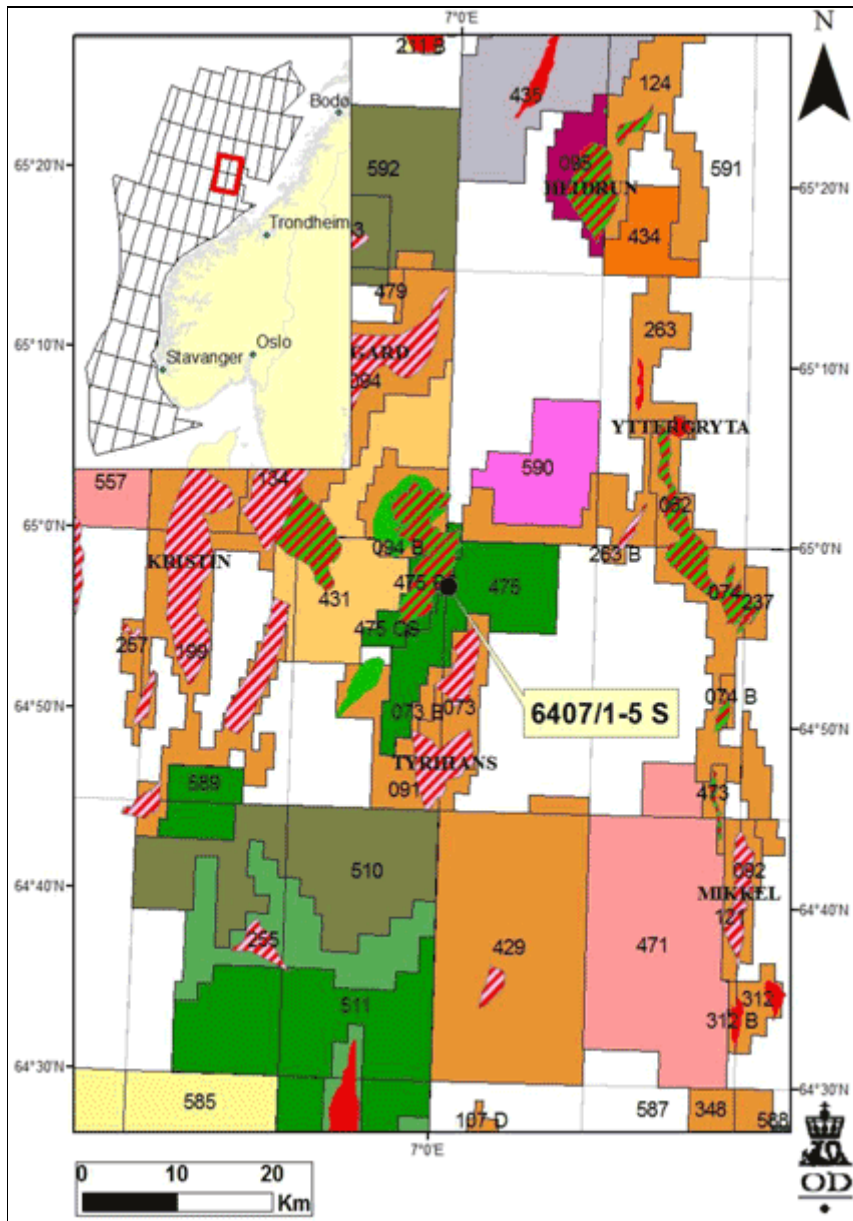
The drilling program for well 6407/1-5 S relates to the drilling of an appraisal well in production licence 475 BS/CS, where Wintershall Norge ASA is the operator with an ownership interest of 50 per cent. The other licensees are Petoro AS (30 per cent) and Centrica Resources Norge AS (20 per cent).

The area in this licence consists of parts of blocks 6406/3, 6407/1 and 6507/10. The well will be drilled about ten kilometres northwest of the Tyrihans field.

Production licence 475 BS was awarded on 23 January 2009 in APA 2008, and 475 CS was awarded on 4 February 2011 in APA 2010. This is the second well to be drilled in the licence.

The permit is contingent upon the operator securing all other permits and consents required by other authorities before the drilling activity commences.

See [Factpages](#) for more information about this wellbore.



6407/1-5 S

22/05/2012 Wintershall Norge AS, operator of production licence 475 BS, is in the process of completing the drilling of appraisal well 6407/1-5 S.

The appraisal well was drilled around 20 kilometres east of the Kristin field in the Norwegian Sea and about 8 kilometres northeast of discovery well 6406/3-8. The discovery was proven in 2010 in Middle Jurassic reservoir rocks (the Garn formation). Before well 6407/1-5 S was drilled, the operator's resource estimate for the discovery was between 10 and 20 million standard cubic metres of recoverable oil (Sm^3) and between 2 and 5 billion Sm^3 of recoverable gas.

The purpose of well 6407/1-5 S was to delineate discovery 6406/3-8 to the north. The well encountered a 39-metre thick oil column in the Garn formation with reservoir and reservoir quality as expected. The oil-water contact in well 6407/1-5 S is the same as in the discovery well, and pressure data indicates communication between north and south. With that, the discovery is delineated to the north. Preliminary calculations confirm earlier resource estimates, though at the upper end of the discovery estimate.

A successful formation test has been carried out over a short reservoir interval. The maximum production rate was, respectively, 140 standard cubic metres (Sm^3) of oil and 20,300 Sm^3 of gas per flow day through a 40/64" nozzle opening.

The licensees will now assess alternative development solutions for the discovery.

The well is the second exploration well in [production licence 475 BS](#). The licence was awarded in APA 2008. Wintershall Norge AS is the operator, with a 50 per cent share. The other licensees are Petoro AS (30 per cent) and Centrica Resources AS (20 per cent).

The well was drilled to a total depth of 4,133 metres below the sea surface and terminated in the Tilje formation in the Lower Jurassic. The sea depth is 297 metres. The well will now be permanently plugged and abandoned.

Well 6407/5-1 S was drilled by the drilling facility *Borgland Dolphin*, which will now head to licence 102 C to drill 25/5-D-1 H Atla, where Total E&P Norge AS is the operator.

