

NPD – exploration drilling result

14/06/2010 The Norwegian Petroleum Directorate (NPD) has issued RWE Dea Norge a drilling permit for wellbore 6507/7-14 S, cf. Section 8 of the Resource Management Regulations.

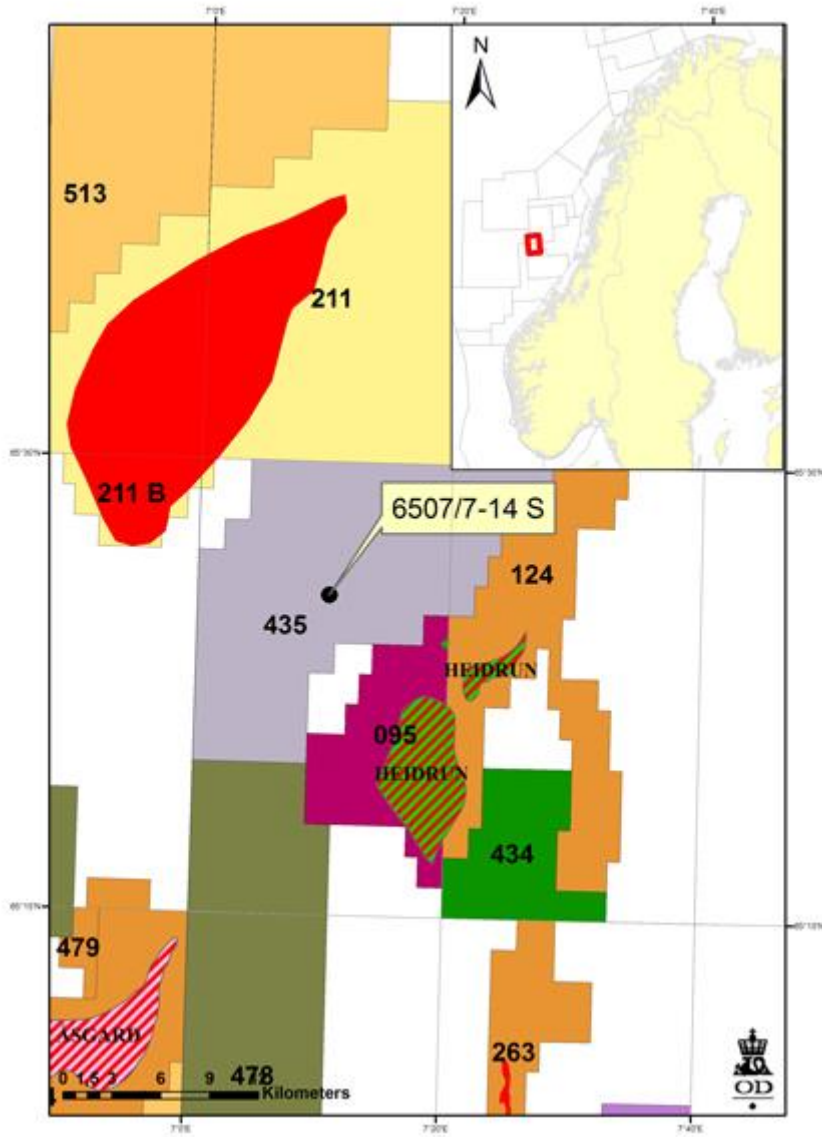
Wellbore 6507/7-14 S will be drilled from the *Bredford Dolphin* drilling facility at position 65° 25' 35.84" North, 7° 10' 27.97" East, after the facility completes the drilling of wildcat well 15/9-24 for Det norske oljeselskap in production licence 408.

The drilling program for wellbore 6507/7-14 S relates to the drilling of a wildcat well in production licence 435. RWE Dea Norge is the operator, with an ownership interest of 40 per cent. The other licensees are Edison International (20 per cent), Noreco (20 per cent) and Wintershall (20 per cent). The area in this licence consists of a part of block 6507/7 and a part of block 6507/8. The well will be drilled in the Norwegian Sea, about 10 kilometres northwest of the Heidrun field and 230 kilometres west of Brønnøysund.

Production licence 435 was awarded on 16 February 2007 in APA 2006. This is the first well to be drilled in the licence.

The permit is conditional on 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.



6507/7-14 S

16/09/2010 RWE Dea Norge AS, operator of production licence 435, is in the process of completing the drilling of wildcat well 6507/7-14 S, located about 15 km northwest of the Heidrun field in the Norwegian Sea.

The well's primary exploration target was to prove petroleum in Middle Jurassic reservoir rocks (the Fangst group).

The secondary exploration target was to prove petroleum in Lower Jurassic reservoir rocks (the Tilje formation).

Gas has been proven in a 150-metre column in the Fangst Group. The Tilje formation is water-bearing. Preliminary estimates place the size of the discovery between 5 and 18 billion standard cubic metres (Sm³) of recoverable gas. The gas/oil ratio is estimated at 20,000-30,000 Sm³/Sm³.

Extensive data acquisition and sampling have been carried out.

A successful formation test has been performed. The maximum production rate was 1.2 million Sm³ gas per flow day through a 36/64-inch nozzle.

The licensees [in production licence 435](#) will consider producing the discovery via existing infrastructure.

The well is the first exploration well in production licence 435, which was awarded in APA 2006.

The well was drilled to a vertical depth of 4477 metres below the sea surface, and it was terminated in the Tilje formation in Lower Jurassic reservoir rocks. Water depth at the site is 344 metres. The well will now be permanently plugged and abandoned.

Well 6507/7-14 S was drilled by the *Bredford Dolphin* drilling facility, which will now proceed to production licence 420 in the North Sea to drill wildcat well 35/9-6 S, where RWE Dea Norge AS is the operator.

