

NPD – exploration drilling result

05/03/2014 The Norwegian Petroleum Directorate has granted RWE Dea Norge a drilling permit for well 35/9-11 S/A, cf. Section 8 of the Resource Management Regulations.

Well 35/9-11 S/A will be drilled from the *Leiv Eiriksson* drilling facility at position 61°21'25.60" north and 3°40'44.56" east after drilling is completed on wildcat well 25/5-9 for Total E&P Norge AS in production licence 102 F.

The drilling programme for well 35/9-11 S/A relates to the drilling of an appraisal well in production licence 420 where RWE Dea Norge is the operator with an ownership interest of 30 per cent. The other licensees are Statoil Petroleum AS (40 per cent) and Idemitsu Petroleum (30 per cent). The area in this licence consists of part of block 35/9. The well will be drilled about 16 kilometres west of the Gjøa field.

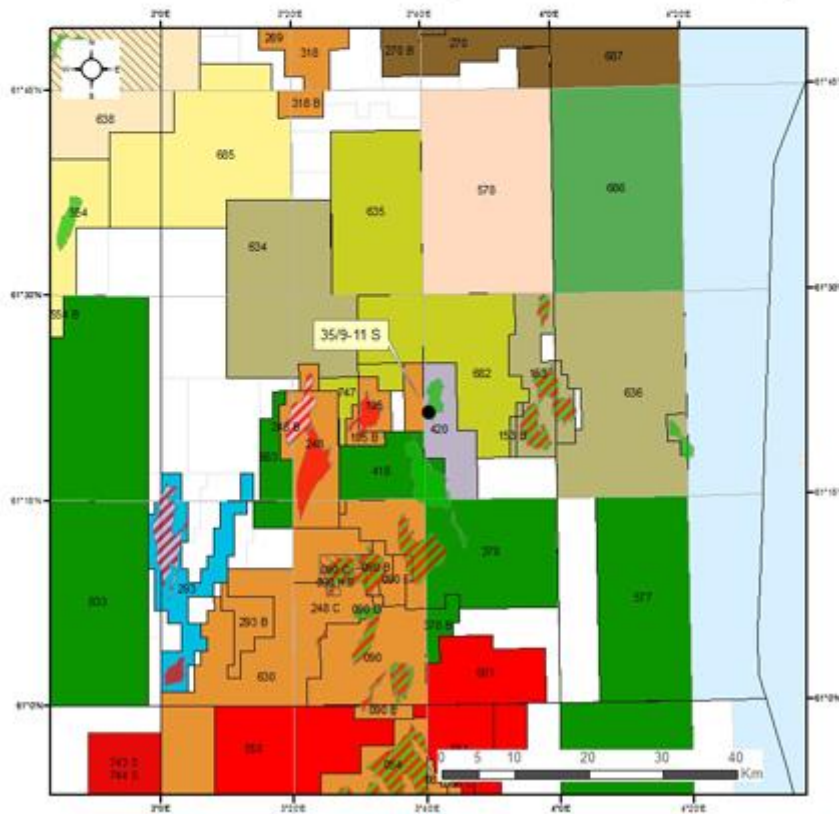
Production licence 420 was awarded on 16 February 2007 (APA 2006). This is the second well to be drilled in the licence.

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

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



Avgrensingsbrønn
35/9-11 S
Utvinningsløyve 420



35/9-11 S og 35/9-11 A

27/05/2014 RWE Dea Norge AS, operator of production licence 420, has completed drilling of appraisal wells 35/9-11 S and 35/9-11 A on the 35/9-6 S oil, gas and condensate discovery.

The discovery was proven in Jurassic reservoir rocks in the winter of 2010. Appraisal wells 35/9-11 S and 35/9-11 A were drilled 1.7 kilometres southwest of the 35/9-6 S discovery well. Before wells 35/9-11 S and A were drilled, the operator's resource estimate for the discovery was between 2 and 10 million Sm³ recoverable oil equivalents. Well 35/9-11 A was drilled 30 metres from 35/9-11 S for optimal core samples.

The objective of the wells was delineating the 35/9-6 S discovery to the southwest by proving additional resources and reducing the uncertainty regarding reservoir thicknesses and properties.

Wells 35/9-11 S and 35/9-11 A encountered oil in the Heather formation, Brent Group, Drake formation and top part of the Cook formation and Statfjord Group in Jurassic reservoir rocks. The reservoirs have different pressure regimes. Formation water was encountered in the lower part of the Cook formation, but no oil/water contact was encountered in the other formations.

The reservoir quality in the Heather, Tarbert, Etime, Cook formations and Statfjord Group is poor. Extensive data acquisition and sampling have been carried out. Pressure data indicates that there is no communication with the northern part of the 35/9-6 S discovery. The resources in the discovery will now be evaluated based on the results from the new wells.

These are the second and third exploration wells in [production licence 420](#). The licence was awarded in February 2007 (APA 2006).

Appraisal wells 35/9-11 S and 35/9-11 A were drilled to respective vertical depths of 3733 and 3795 metres below the sea surface with associated measured depths of 3800 and 3860 metres below the sea surface. 35/9-11 S was terminated in the Dunlin Group and 35/9-11 A in the Statfjord Group, both in Lower Jurassic. Water depth is 368 metres. The wells were temporarily plugged and abandoned.

The wells were drilled by the *Leiv Eiriksson* drilling facility, which will now proceed to production licence 554 in the northern North Sea to drill appraisal well 34/6-3 S, where Total E&P Norge AS is the operator.



Avgrensningsbrønn/Well
35/9-11 A
Utvinningsløyve/PL 420

