

NPD – exploration drilling result

22/08/2013 The Norwegian Petroleum Directorate has granted Wintershall a drilling permit for well 35/9-10 S, cf. Section 8 of the Resource Management Regulations.

Well 35/9-10 S will be drilled from the *Transocean Arctic* drilling facility at position 61°15'07.02" north and 3°41'04.10" east for Wintershall Norge AS in production licence 418.

The drilling programme for well 35/9-10 S relates to drilling of a wildcat well in production licence 418 where Wintershall is the operator with an ownership interest of 35 per cent.

The other licensees are Capricorn (20 per cent), Bayerngas (20 per cent), Edison (15 per cent) and RWE Dea (10 per cent). The area in this licence consists of part of block 35/8 and part of block 35/9. The well will be drilled about 16 kilometres southwest of Gjøa and 16 kilometres east of Vega.

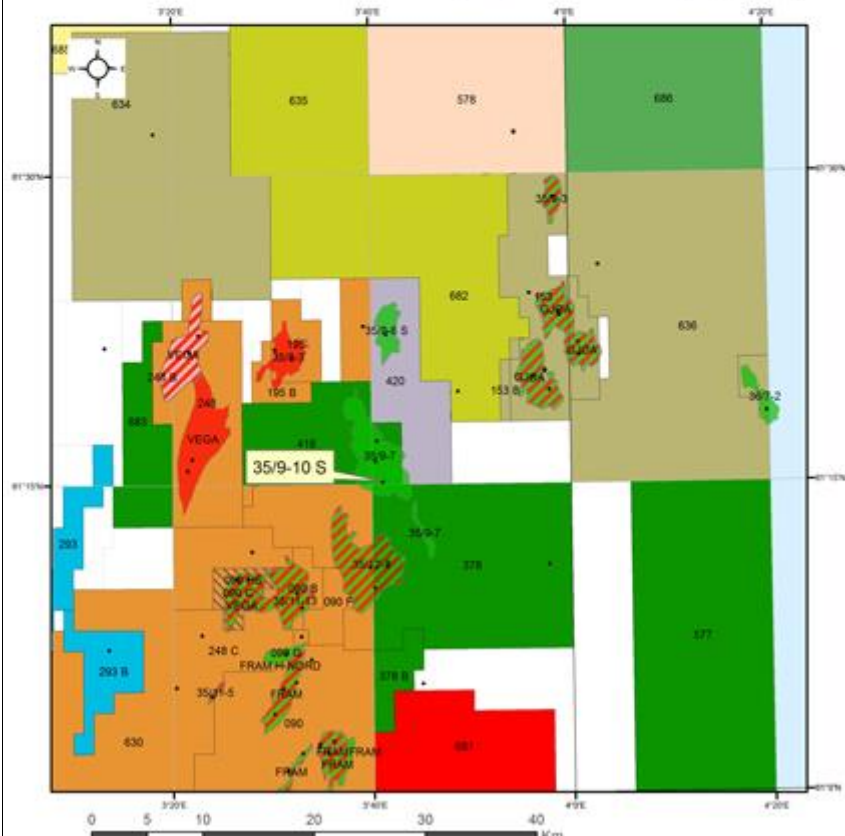
Production licence 418 was awarded on 16 February 2007 (APA 2006). This is the third well to be drilled in the licence.

The permit is contingent upon the operator securing all other permits and consents required by other authorities prior to commencing drilling activities.

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



Avgrensingsbrønn/Well 35/9-10 S
Utvinningsløyve/PL 418



35/9-10 S and 35/9-10 A

15/01/2014 Wintershall Norge AS, operator of production licence 418, is about to complete drilling of appraisal wells 35/9-10 S and A on the 35/9-7 oil discovery (Skarfjell).

The appraisal wells are being drilled in the North Sea, about 40 kilometres north of the Troll field and two kilometres southeast of the discovery well.

The discovery was proven in the spring of 2012 in two Late Jurassic sandstone layers in the Heather formation. Appraisal well 35/9-10 S was drilled in the southeastern part of the "Skarfjell structure" and sidetrack 35/9-10 A near the top of the structure in the southwestern part. Before well 35/9-10 S was drilled, the resource estimate for the discovery was between 10 and 25 million standard cubic metres (Sm³) of recoverable oil.

The objective of the two wells was to examine thickness, properties, fluid content and depth to the Upper Jurassic reservoir to define the extent of the discovery to the south, and clarify whether the discovery has a gas cap.

Well 35/9-10 S encountered a 13-metre (gross) gas column and an oil column of 49 metres (gross) in three thin sandstones in the upper "Intra Heather" with reservoir quality as expected. Pressure data shows that this area has a lower reservoir pressure and is not in direct communication with the western and northern part of the discovery.

Well 35/9-10 A encountered a 59-metre (gross) gas column in the upper "Intra Heather" sandstone with better than expected reservoir quality. Pressure data indicates that the proven gas cap is in communication with the oil zone proven in 35/9-7 and in appraisal well 35/9-8 in the northern part of the discovery. The lower "Intra Heather" sandstone is only four metres thick, contains oil and has poorer reservoir quality than expected.

Preliminary calculations place the size of the discovery between 10 and 23 million Sm³ of recoverable oil and condensate, and between 8 and 15 billion Sm³ of recoverable gas.

The wells were not formation-tested, but extensive data acquisition and sampling have been carried out.

The licensees will assess the discovery together with other nearby discoveries for possible development solutions.

This is the third exploration well in [production licence 418](#). The licence was awarded in APA 2006.

Appraisal well 35/9-10 S was drilled to a vertical and measured depth of 2837 and 3595 metres below the sea surface, respectively. Appraisal well 35/9-10 A was drilled to a vertical and measured depth of 2835 and 3179 metres below the sea surface, respectively. Both wells were terminated in the Rannoch formation in the Middle Jurassic.

Water depth is 365 metres. The wells will be plugged and abandoned.

The wells were drilled by *Transocean Arctic*, which will proceed to production licence 586 in the Norwegian Sea to drill wildcat well 6406/12-3 S where VNG Norge AS is the operator.



Avgrensingsbrønn/Well 35/9-10 S
Utvinningsløyve/PL 418

