

NPD – exploration drilling result

07/04/2011 The Norwegian Petroleum Directorate (NPD) has granted Wintershall Norge ASA a drilling permit for well 35/12-4 S, cf. Section 8 of the Resource Management Regulations.

Well 35/12-4 S will be drilled from the *Songa Delta* drilling facility at position 61°11'6.79" north and 03°41'29.48" east following completion of drilling of wildcat well 6507/8-8 for Nexen Exploration Norge AS in production licence 434.

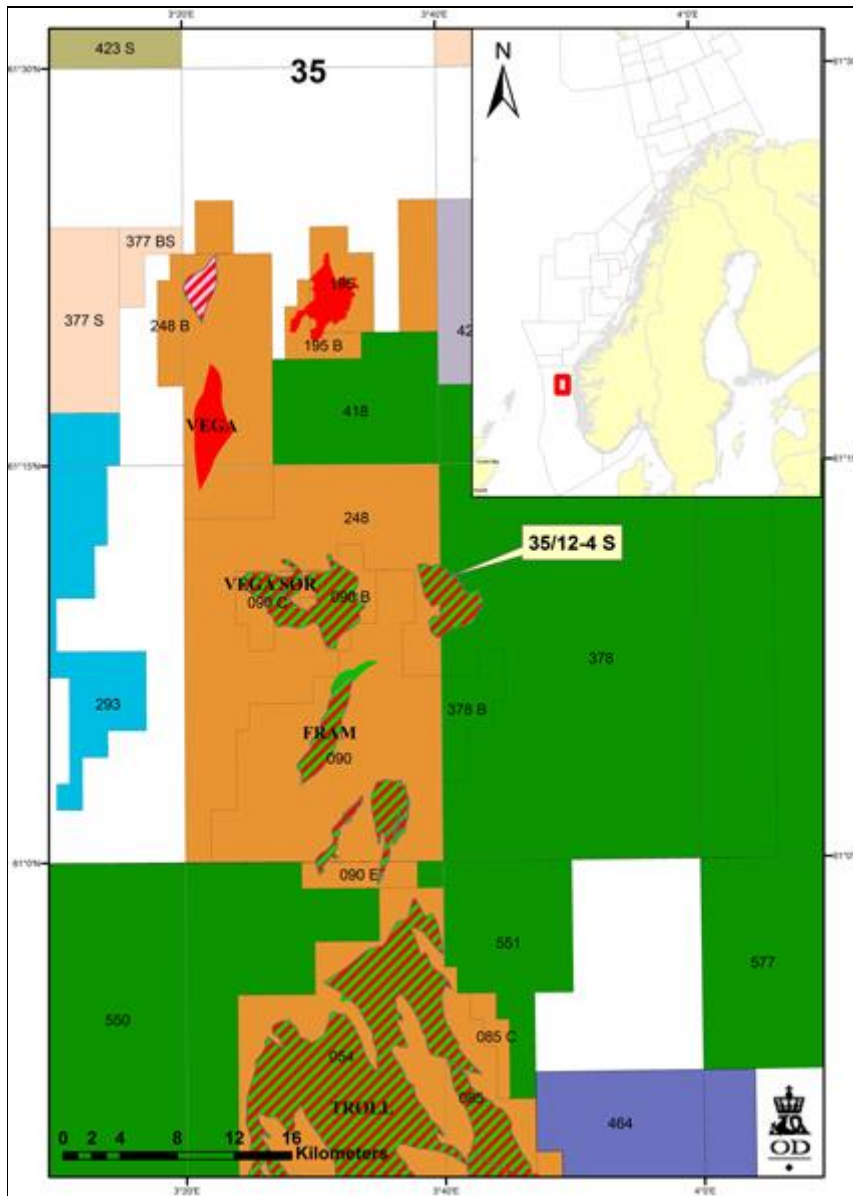
The drilling program for well 35/12-4 S concerns the drilling of a wildcat well in production licence 378. Wintershall Norge ASA is the operator with a 45 per cent ownership interest. The other licensees are Talisman Energy Norge AS with 35 per cent and Premier Oil Norge AS with 20 per cent.

The area in this permit consists of block 35/12 as well as parts of block 36/10. The well was drilled 2.4 kilometres northeast of the 35/12-2 oil discovery well (Grosbeak) in the northern part of the North Sea.

Production licence 378 was awarded on 6 January 2006 (APA 2005). This is third well to be drilled in this licence.

The permit is contingent upon the operator having secured all other permits and consents required by other authorities before the drilling starts.

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



35/12-4 S and 35/12-4

18/07/2011 Wintershall Norge ASA, operator of production licence 378, has concluded the drilling of appraisal wells 35/12-4 S and 35/12-4 A in the 35/12-2 Grosbeak oil and gas discovery.

The Grosbeak discovery was proven in 2009 in the Sognefjord formation and in the Brent Group in Upper and Middle Jurassic reservoir rock.

The appraisal wells were drilled approximately 2.5 kilometres northeast of the 35/12-2 Grosbeak discovery well and approximately 10 kilometres northeast of the Fram field.

The purpose of the 35/12-4 S and 35/12-4 A wells was to delineate the 35/12-2 Grosbeak discovery.

Well 35/12-4 S was drilled in the south-eastern part of the structure and encountered an oil column of 40 metres in the Brent Group (Ness formation) in Middle Jurassic reservoir rock. The reservoir quality was better than expected. A successful formation test has been conducted in the well. The production rate was 800 standard cubic metres (Sm^3) of oil with associated gas per flow day through a 44/64 inch nozzle opening. Maximum production rate was estimated at 1250 Sm^3 / per flow day.

Well 35/12-4 A was drilled at the top Brent Group to study the north-eastern part of the Grosbeak structure. The upper part of the Ness formation consisted of thin alternating layers of sandstone and carbon, but no hydrocarbons.

The results from the wells will be included in the ongoing assessment of Grosbeak and the licensees will assess whether the discovery should be developed together with other discoveries in the area.

Comprehensive data acquisition and sampling have been carried out. Evaluations and analyses will be conducted to establish the size and extent of the discovery. Further delineation is likely to be necessary.

Wells 35/12-4 S and 35/12-4 A are the third and fourth exploration wells in [production licence 378](#). The production licence was awarded in APA 2005.

Appraisal wells 35/12-4 S and 35/12-4 A were drilled to a vertical depth of 3585 and 3413 metres below sea level. Well 35/12-4 S was terminated in the Statfjord formation in Lower Jurassic rock and well 35/12-4 A was terminated in the

Rannoch formation in Middle Jurassic rock. Both wells have been plugged and abandoned. The water depth is 359 metres.

The wells were drilled by the drilling facility *Songa Delta*, which will now be used in the Norwegian Sea to drill wildcat well 6607/12-2 S in production licence 127, where Total E&P Norge AS is the operator.

