

NPD – exploration drilling result

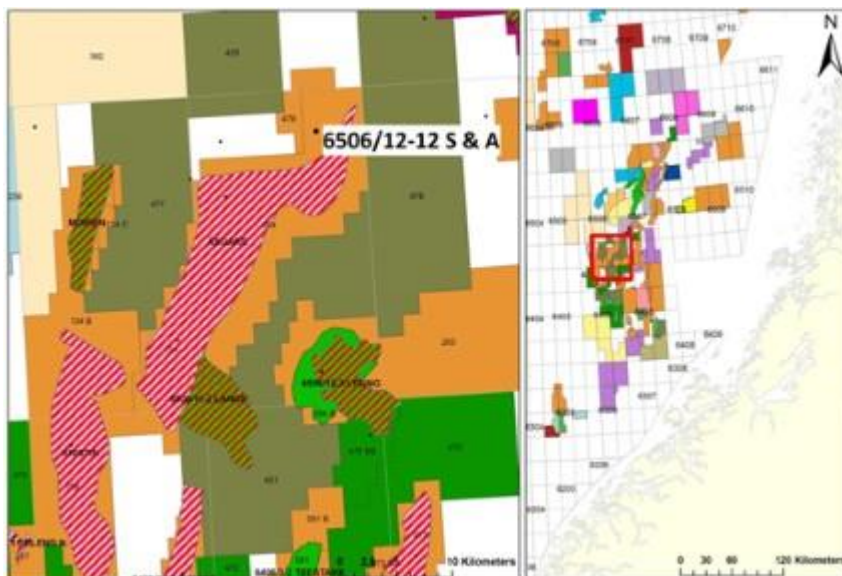
12/08/2009 The Norwegian Petroleum Directorate (NPD) has granted StatoilHydro Petroleum AS a drilling permit for wellbore 6506/12-12 A, ref. Section 8 of the Resource Management Regulations.

The drilling program for wellbore 6506/12-12 A relates to drilling of an appraisal well in production licence 094. The well will be drilled from the drilling facility *Transocean Leader* at position 65°13' 1.20" North and 6°54' 29.8" East.

The area in this production licence consists of block 6506/12, at the Åsgard field in the Norwegian Sea. StatoilHydro Petroleum AS is the operator with a 40.95 per cent stake. The licensees are Petoro AS (14.95 per cent), Total (9.8 per cent), ExxonMobil (14.7 per cent) and Eni (19.6 per cent).

The permit is conditional 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.



6506/12-12 S and 6506/12-12 A

02/09/2009 StatoilHydro Petroleum AS, operator of production licence 094, has concluded the drilling of appraisal wells 6506/12-12 S and 6506/12-12 A in the northeastern part of the 6506/12-1 Smørbukk gas/condensate discovery, which is part of the Åsgard field in the Norwegian Sea.

The discovery well, 6506/12-1 Smørbukk, proved gas/condensate in 1985 in Middle-Lower Jurassic reservoir rocks (the Fangst and Båt group). The discovery has been in production since May 1999. The map below shows the positions of the appraisal wells.

The primary exploration target for wells 6506/12-12 S and 6506/12-12 A was to delineate potential additional resources in the gas/condensate discovery 6506/12-1 Smørbukk. The secondary exploration target was to prove petroleum in Lower Cretaceous reservoir rocks (the Lange and Lysing formation). The wells encountered gas/condensate/oil in the Fangst and Båt group and petroleum in the Lange and Lysing formation. The appraisal wells indicate that the size of the discovery in the Fangst and Båt group is probably within a range of uncertainty of 2 - 4 million standard cubic metres (Sm^3) of recoverable oil equivalents. The gas/liquid ratio varies from 400-2000 Sm^3/Sm^3 . The licensees will consider developing the segment to Åsgard B. The size of the discovery in the Lange and Lysing formation has not been clarified, but it is probably too small to be considered for development at present.

None of the wells were formation-tested, but extensive data acquisition and sampling have been conducted in well 6505/12-12 A. The wells are the 14th and 15th exploration wells in [production licence 094](#), which was awarded on 9 March 1984 in the 3rd licensing round on the Norwegian shelf.

Appraisal wells 6506/12-12 S and 6506/12-12 A were drilled to respective vertical depths of 4906 metres and 4888 metres below the sea surface, and both were terminated in the Åre formation in the Lower Jurassic. The water depth is 301 metres. Well 6506/12-12 S has been plugged and abandoned, while well 6506/12-12 A has been prepared as a producer with a view towards future production.

The wells were drilled by the semi-submersible drilling facility *Transocean Leader*, which will proceed to production licence 079 in the North Sea to drill wildcat well 30/9-24, where StatoilHydro Petroleum AS is the operator.

