

## NPD – exploration drilling result

31/01/2018 The Norwegian Petroleum Directorate (NPD) has granted Aker BP ASA a drilling permit for well 6507/5-8, cf. Section 15 of the Resource Management Regulations.

Well 6507/5-8 will be drilled from the *Deepsea Stavanger* drilling facility at position 65°41' 58.47" North and 7°32' 23.19" East after concluding the drilling of development well 6406/3-H-2 H for Wintershall Norge AS in production licence 475 BS.

The drilling programme for well 6507/5-8 relates to the drilling of a wildcat well in production licence 212. Aker BP ASA is the operator with an ownership interest of 30 per cent. The other licensees are Statoil Petroleum AS (30 per cent), DEA Norge AS (25 per cent) and PGNiG Upstream Norway AS (15 per cent).

The area in the licence consists of part of block 6507/5. The well will be drilled about 2 kilometres west of the Skarv field and about 230 kilometres west of Brønnøysund.

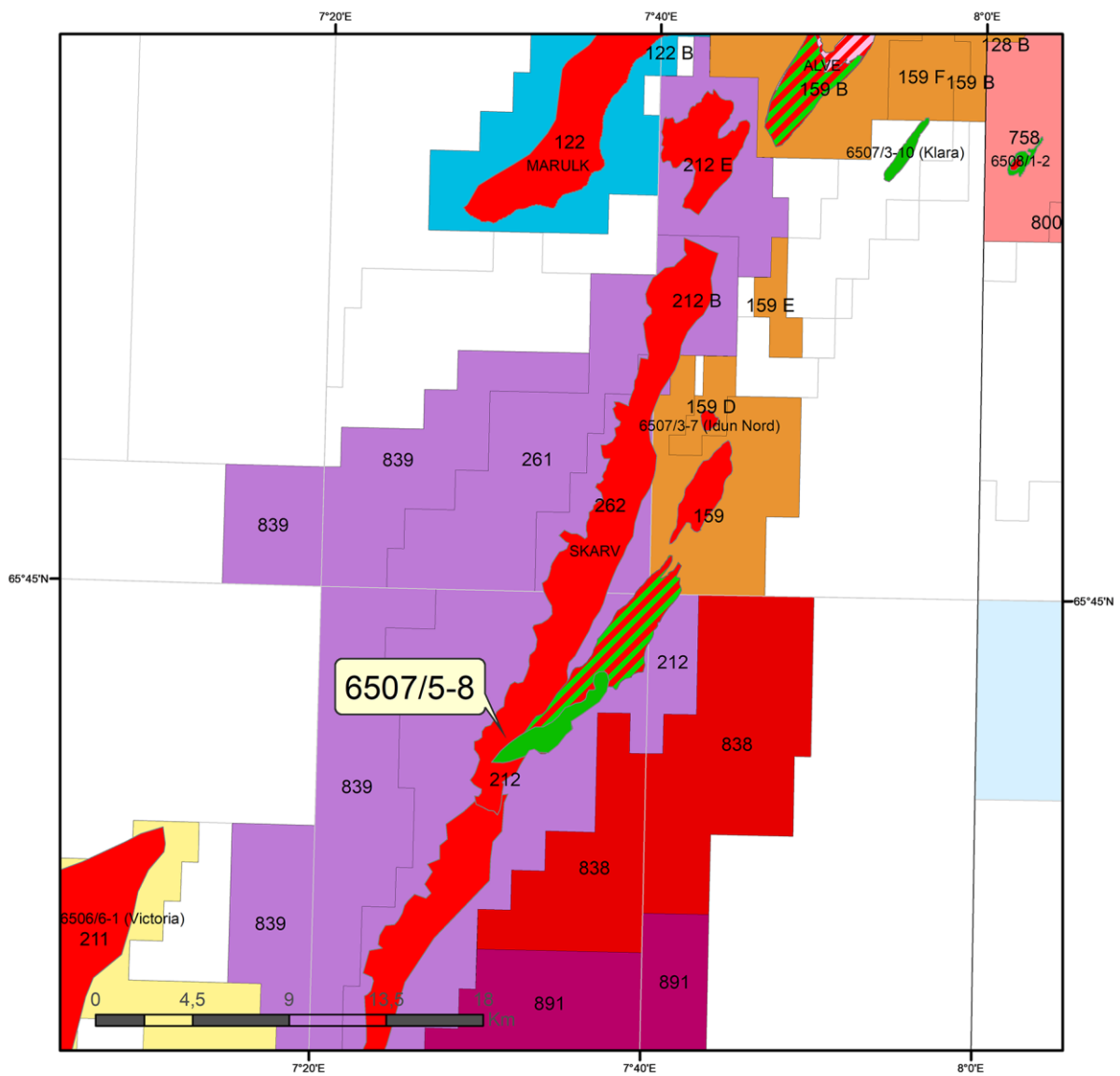
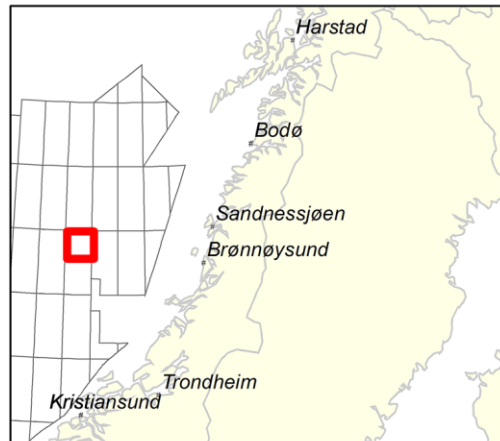
Production licence 212 was awarded on 2 February 1996 (15<sup>th</sup> licensing round on the Norwegian shelf). This is the eighth exploration well to be drilled in the licence.

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

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



Undersøkelsesbrønn/Well  
6507/5-8  
Utvinningsløyve/PL212



Utskriftsdato: 29.01.2018

# 6507/5-8

10/04/2018 Aker BP ASA, operator of production licence 212, has completed the drilling of a combined exploration and appraisal well, 6507/5-8, near and on Ærfugl.

The well was drilled about one kilometre from the Skarv field in the northern part of the Norwegian Sea.

Ærfugl was proven in Upper Cretaceous reservoir rocks (Lysing formation) in 2000. The plan for development and operation was approved by the authorities on 6 April 2018. Ærfugl will be tied in to the Skarv FPSO.

The primary exploration target was to prove petroleum in reservoir rocks in the Lower Cretaceous (Lange formation) as well as to investigate the type of petroleum, reservoir pressure and possible communication with the Skarv field. The secondary exploration target was to delineate Ærfugl and collect data in the reservoir rocks on the field in the Upper Cretaceous (Lysing formation).

The well encountered the primary exploration target with a total of about 45 metres of aquiferous sandstone layers with poor to moderate reservoir properties. The sandstone layers contain traces of hydrocarbons.

In the secondary exploration target, an approximate 25-metre gas column was encountered, of which 13 metres make up the reservoir, which consists of sandstone layers with good to very good reservoir quality.

The preliminary estimate of the size of Ærfugl is now between 27.6 and 46.8 billion Sm<sup>3</sup> of recoverable gas and between 4.93 og 7.7 million Sm<sup>3</sup> recoverable condensate.

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

This is the eighth exploration well in [production licence 212](#). The licence was awarded in the 15<sup>th</sup> licensing round in 1996.

The well fulfills the drilling obligation in production licence 839, as the exploration target in the Lange formation extends into this production licence.

Well 6507/5-8 was drilled to a vertical depth of 3660 metres below the sea surface and was terminated in the Lower Cretaceous Lange formation.

Water depth is 408 metres. The well will now be permanently plugged and abandoned.

Well 6507/5-8 was drilled by the *Deepsea Stavanger* drilling facility, which will now perform well workovers on the Skarv field, where Aker BP ASA is the operator.



Letebrønn/Well  
6507/5-8  
Utvinningssløyve/PL 212

