

## NPD – exploration drilling result

21/11/2013 The Norwegian Petroleum Directorate (NPD) has issued Lundin Norway AS a drilling permit for well 16/2-20 A, cf. Section 8 of the Resource Management Regulations.

Well 16/2-20 A will be drilled from the *Island Innovator* drilling facility at position 58°56'30.84" north and 02°25'18.62" east in production licence 501.

The drilling programme for well 16/2-20 A relates to the drilling of a wildcat well in production licence 501. Lundin is the operator with a 40 per cent ownership interest. The other licensees are Statoil Petroleum AS with 40 per cent and Maersk Oil Norway AS with 20 per cent.

The area in this licence comprises parts of blocks 16/2, 3, 5 and 6. The well will be drilled about 0.5 kilometres to the southwest of 16/2-20 S and around 3.2 kilometres north of well 16/2-9 S on **Johan Sverdrup** in the central part of the North Sea.

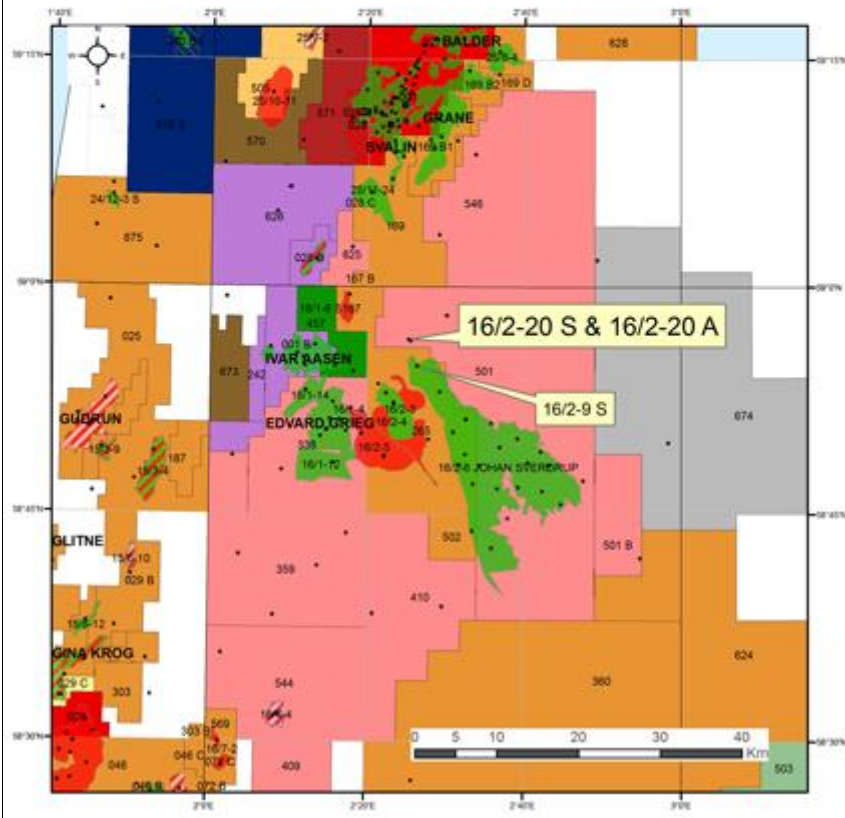
Production licence 501 was awarded on 23 January 2009 (APA 2008). This is the 19<sup>th</sup> exploration well to be drilled within the area of the licence.

The permit is contingent 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.



Undersøkellesbrønn/Well  
16/2-20 A  
Utvinningsløyve/PL 501



# 16/2-20 S og 16/2-20 A

11/02/2014 Lundin Norway AS, operator of production licence 501, has completed drilling of wildcat wells 16/2-20 S and 16/2-20 A. The wells are dry.

The wells were drilled about 3.2 kilometres northwest of appraisal well 16/2-9 S on the 16/2-6 Johan Sverdrup oil discovery in the central part of the North Sea.

The objective of well 16/2-20 S was to prove petroleum in Upper/Middle Jurassic reservoir rocks in a separate prospect, as well as to verify potential communication with 16/2-6 Johan Sverdrup. The well encountered an approx. 21-metre thick Lower Cretaceous/Upper Jurassic sandstone with poor reservoir quality. In Middle/Lower Jurassic, a total of ten metres of sandstone with good reservoir quality were encountered. Both reservoirs have traces of oil, but are aquiferous and have somewhat lower reservoir pressure than the 16/2-6 Johan Sverdrup oil discovery.

The objective of well 16/2-20 A was to prove oil in Upper Jurassic reservoir rocks higher up and about 770 metres further west on the prospect. The well encountered an approx. 19-metre thick Lower Cretaceous/Upper Jurassic sandstone with poor reservoir quality. In Middle/Lower Jurassic, a total of approx. eight metres of sandstone were encountered with moderate reservoir quality.

Extensive data acquisition and sampling have been carried out in the wells. Both wells are classified as dry.

Wells 16/2-20 S and 16/2-20 A are the second and third wildcat wells drilled in [production licence 501](#). The licence was awarded on 23 January 2009 (APA 2008).

The wells were drilled to 2068 and 2028 metres vertical depth, respectively, and 2150 and 2215 metres measured depth below the sea surface, respectively. Both wells were terminated in basement rock. The wells have been permanently plugged and abandoned. Water depth is 110 metres.

The wells were drilled by the *Island Innovator* drilling facility, which will now drill appraisal well 16/1-18 on the Edvard Grieg field in production licence 338, where Lundin Norway AS is the operator.



Undersøkellesbrønn/Well  
16/2-20 S og 16/2-20 A  
Utvinningsløyve/PL 501

