

## NPD – exploration drilling result

08/02/2017 The Norwegian Petroleum Directorate has granted Lundin Norway AS a drilling permit for well 16/1-27, cf. Section 8 of the Resource Management Regulations.

Well 16/1-27 will be drilled from the *Island Innovator* drilling facility, at position 58°50'18.11" north and 2°11'56.83" east, in a southwesterly extension of the Edvard Grieg field in the central part of the North Sea.

The drilling programme for well 16/1-27 relates to the drilling of an appraisal well on Edvard Grieg in production licence 338. Lundin Norway AS is the operator with an ownership interest of 65 per cent. The other licensees are OMV (Norge) AS with 20 per cent, and Wintershall Norge AS with 15 per cent.

The area in this licence consists of part of block 16/1. The well will be drilled about 3 kilometres west of the Edvard Grieg platform.

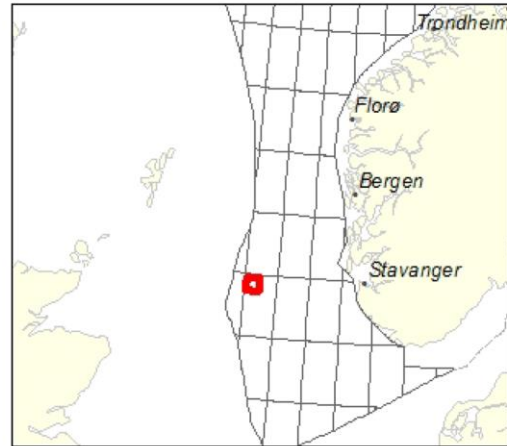
Production licence 338 was awarded on 17 December 2004 (APA 2004). This is the 11<sup>th</sup> exploration well to be drilled in the licence area and the 8<sup>th</sup> exploration well on the Edvard Grieg field.

The permit is contingent upon all other permits and consents required by other authorities being granted before drilling activities commence.

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



Avgrensingbrønn/Well  
16/1-27  
Utvinningsløyve/PL 338



# 16/1-27

24/04/2017 Lundin Norway AS, operator of production licence 338, has completed the drilling of appraisal well 16/1-27 on the Edvard Grieg oil field in the central part of the North Sea.

The well was drilled about three kilometres southwest of the Edvard Grieg platform.

The field was proven in the autumn of 2007, and consists of Cretaceous and Jurassic/Triassic reservoir rocks. Before well 16/1-27 was drilled, the operator's resource estimate for the field was 35 million standard cubic metres (Sm<sup>3</sup>) of recoverable oil equivalents.

The objective of the well was to investigate the scope of the field, its reservoir properties and total oil column in the southwestern part of the Edvard Grieg field. The objective also included optimising the drainage strategy in order to ensure the best possible placement of development wells in this area.

Well 16/1-27 encountered a total oil column of 15 metres in Cretaceous and Triassic/Jurassic sandstone with very good reservoir quality. Overall, the sandstone interval was 94 metres, an increase from 38 metres expected before the well. The oil/water contact was encountered 1948 metres below the sea surface, which is nine metres deeper than the contact in the other part of the Edvard Grieg field.

Extensive data acquisition and sampling have been carried out.

Preliminary calculations shows that the results from the well can lead to an increase of between 1.6 to 4.8 million standard cubic metres (Sm<sup>3</sup>) of recoverable oil in this part of the Edvard Grieg field. Further work is expected to reduce the uncertainty in this estimate. The results have provided valuable information with regard to final placement of production and water injection wells.

16/1-27 is the 11<sup>th</sup> exploration well in [production licence 338](#) and the eighth exploration well on Edvard Grieg. The licence was awarded in APA 2004.

Appraisal well 16/1-27 was drilled to a vertical depth of 2229 metres below the sea surface and was terminated in granitic basement. The well has been permanently plugged and abandoned.

The well was drilled by the *Island Innovator* drilling facility.



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