

NPD – exploration drilling result

16/01/2015 The Norwegian Petroleum Directorate has granted Lundin Norway AS a drilling permit for well 16/4-9 S, cf. Section 8 of the Resource Management Regulations.

Well 16/4-9 S will be drilled from the *Bredford Dolphin* drilling facility in position 58°42'22.76" north 02°09'55.07" east in the central North Sea.

The drilling programme for well 16/4-9 S relates to the drilling of a wildcat well in production licence 359. Lundin is the operator with an ownership interest of 50 per cent. The other licensees are OMV (Norway) AS with 20 per cent, Statoil Petroleum AS and Wintershall Norge AS, each with 15 per cent.

The area in this licence consists of the southwestern part of block 16/1 and the northern half of block 16/4. The well will be drilled 4.4 kilometres northwest of the discovery well, 16/4-6 S (Luno II).

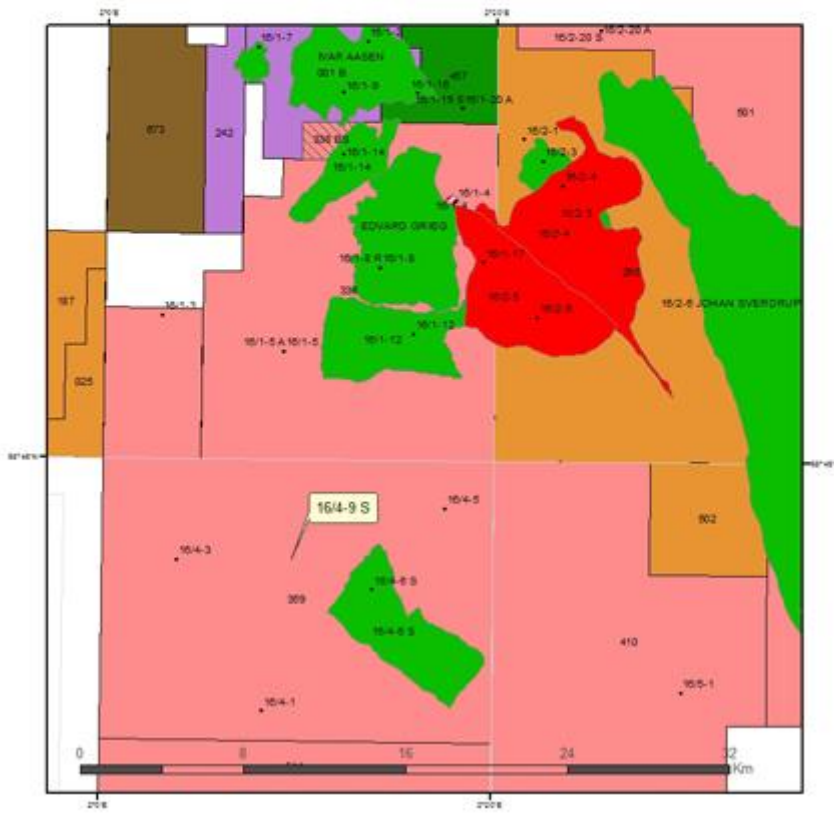
Production licence 359 was awarded on 6 January 2006 (APA 2005). This is the fourth well to be drilled within the licence area, but three wells have previously been drilled in the western part of the licence area.

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.



Undersøelsesbrønn/well
16/4-9 S
Utvinningssløyve/PL 359



16/4-9 S

12/08/2015 Lundin Norge AS, operator of production licence 359, has completed drilling wildcat well 16/4-9 S.

The well was drilled about 15 kilometres south of the Edvard Grieg field in the central part of the North Sea and 190 kilometres west of Stavanger.

The objective of the well was to prove petroleum in Jurassic to Triassic reservoir rocks. The well encountered a 23-metre oil column in conglomeratic sandstone in the mentioned rocks, of which 18 metres were of moderate reservoir quality. The oil/water contact was encountered 1954 metres below the sea surface. The entire reservoir, including the water zone, consists of sandstones and conglomerates with a thickness of about 230 metres.

Preliminary estimates place the size of the discovery between two and four million standard cubic metres (Sm^3) of recoverable oil equivalents. The discovery will be developed along with the 16/4-6 S discovery, and tie-in to the Edvard Grieg field will be considered.

Extensive data acquisition and sampling have been carried out. A formation test was carried out. The production rate was 150 standard cubic metres (Sm^3) of oil per flow day through a 32/64-inch nozzle opening. The test showed moderate flow properties. The oil is light with a gas/oil ratio of 210 Sm^3/Sm^3 .

This is the fourth exploration well to be drilled in [production licence 359](#). The licence was awarded in APA 2005. The well was drilled to measured and vertical depths of 2358 and 2305 metres below the sea surface, respectively, and was terminated in Triassic rocks. The water depth is 100 metres. The well will be permanently plugged and abandoned.

The 16/4-9 S well was drilled by the *Bredford Dolphin* drilling facility, which will now drill wildcat well 6306/5-2 in production licence 642 in the Norwegian Sea, where Repsol Exploration Norge AS is the operator.



Undersøkelsesbrønn/Well
16/4-9 S
Utvinningssløyve/PL 359

