

NPD – exploration drilling result

21/12/2016 The Norwegian Petroleum Directorate has granted Statoil Petroleum AS a drilling permit for well 16/2-22 S, cf. Section 8 of the Resource Management Regulations.

Well 16/2-22 S will be drilled from the *Deepsea Atlantic* drilling facility in position 58°55'33.5'' north and 2°24'33.2'' east in a northwest extension of the Johan Sverdrup field in the central North Sea.

The drilling programme for well 16/2-22 S concerns the drilling of an appraisal well on Johan Sverdrup in production licence 265. Statoil Petroleum AS is the operator with 40 per cent and the other licensees are Petoro AS with 30 per cent, Aker BP ASA with 20 per cent and Lundin Norway AS with 10 per cent.

The area in this licence consists of part of block 16/2. The well will be drilled about 2 kilometres northwest of the 16/2-9 S well in the Tonjer West segment on **Johan Sverdrup**.

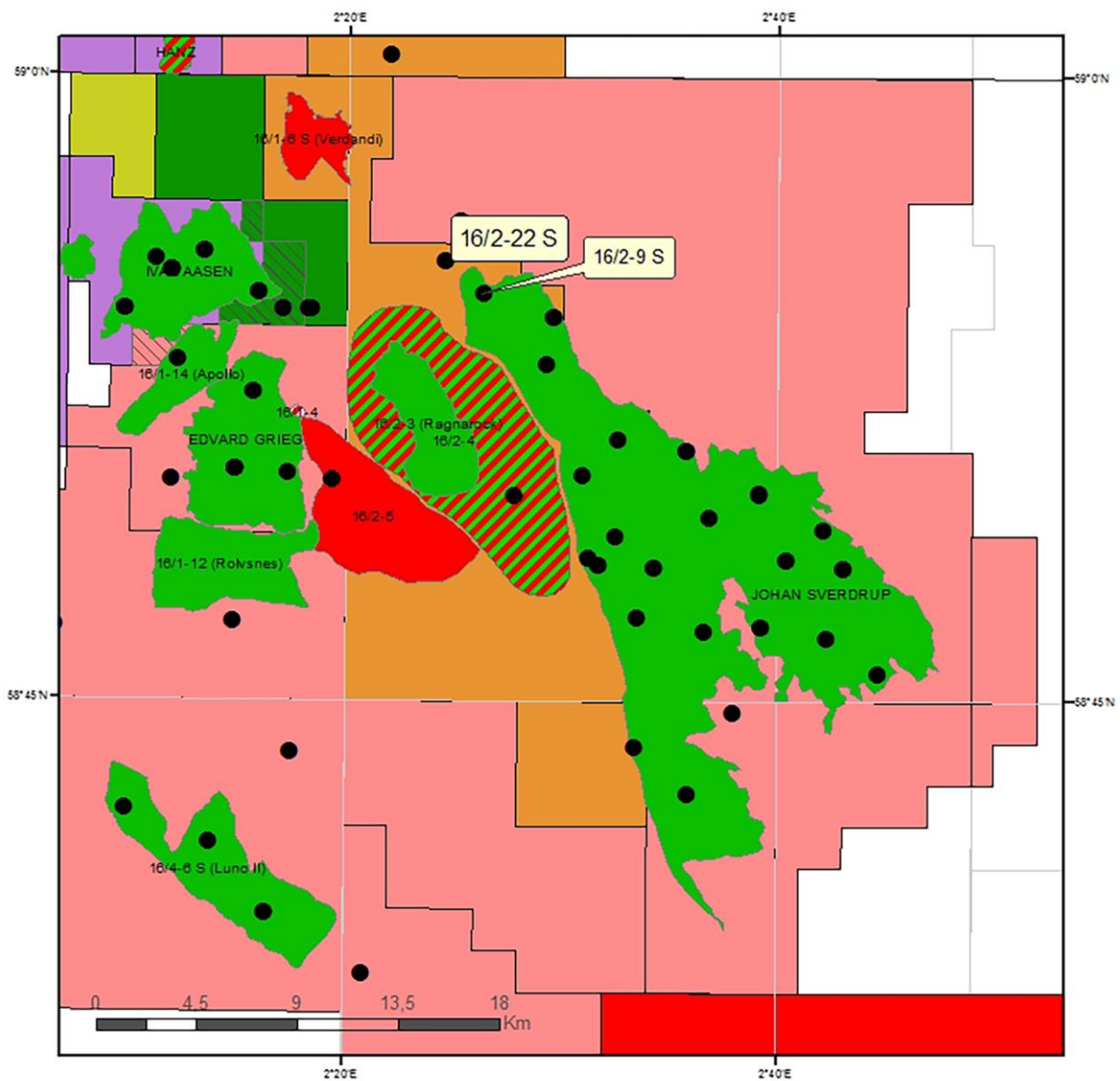
Production licence 265 was awarded in on 24 April 2001 (North Sea Awards 2000). This is the 16th exploration well to be drilled in the licence area and the 12th exploration well on or near Johan Sverdrup in licence 265.

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.



Undersøkellesbrønn/Well
16/2-22 S
Utvinningsløyve/PL 265



Utskriftsdato: 20.12.2016

16/2-22 S

03/02/2017 Statoil Petroleum AS, operator of production licence 265, has concluded the drilling of appraisal well 16/2-22 S on the Johan Sverdrup oil field in the central part of the North Sea, 155 kilometres northwest from Karmøy.

The well was drilled approx. two kilometres northwest of appraisal well 16/2-9 S.

The field, which was proven in 2010, consists of reservoir rocks from the Upper Triassic to the Lower Cretaceous. Before well 16/2-22 S was drilled, the operator's resource estimate for the field was 302 - 477 million standard cubic metres (Sm³) of recoverable oil.

The objective of the well was to prove petroleum in Upper Jurassic reservoir rocks (the Draupne formation) and to investigate pressure communication to the northern part of the Johan Sverdrup field.

The well encountered a total oil column of 16 metres, most likely in the Draupne formation, with alternating sandstone, siltstone and clay stone. The reservoir properties are moderate to poor, and they are not of the same quality as the main reservoir on Johan Sverdrup. The oil/water contact was not proven.

Based on preliminary calculations, the operator's resource estimate for the field will not be changed. The licensees will assess the result of the well as regards a possible future development.

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

16/2-22 S is the 16th exploration well in [production licence 265](#) and the 31st on the Johan Sverdrup field. The licence was awarded in the North Sea Awards in 2001.

Appraisal well 16/2-22 S was drilled to respective measured and vertical depths of 1963 and 1952 metres below the sea surface. The well was terminated in the granitic basement. The well has been permanently plugged and abandoned. Water depth at the site is 115 metres.

The well was drilled by the *Deepsea Atlantic* drilling facility, which will now continue on to drill development wells on the Johan Sverdrup field.



Avgrensningbrønn/Well
16/2-22 S
Utvinningsløyve/PL 265

