

## NPD – exploration drilling result

26/07/2018 The Norwegian Petroleum Directorate (NPD) has granted Equinor Energy AS a drilling permit for well 7220/5-3, cf. Section 8 of the Resource Management Regulations.

Well 7220/5-3 will be drilled from the *Songa Enabler* drilling facility at position 72°35'53.39"N and 20°22'59.64"E.

The drilling programme for well 7220/5-3 relates to the drilling of a wildcat well in production licence 532. Equinor is the operator with an ownership interest of 50 per cent. The other licensees are Eni Norge AS (30 per cent) and Petoro AS (20 per cent).

The area in this licence consists of blocks 7219/9 and 7220/4,5,7,8. The well will be drilled about 3 km north of the 7220/5-2 Nunatak gas discovery in Johan Castberg, about 245 km northwest of Hammerfest, and will test the Jurassic prospect called Skruis.

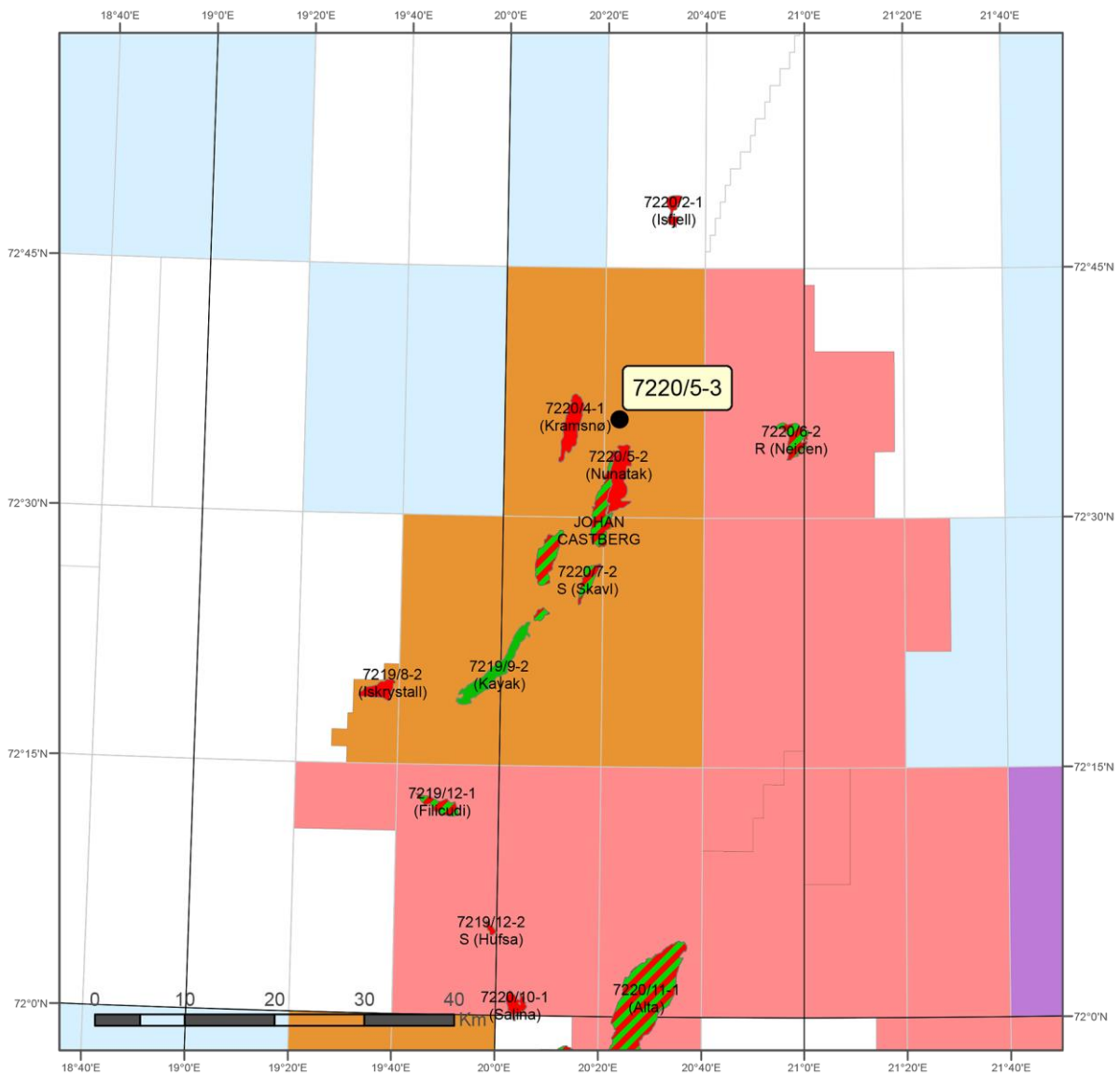
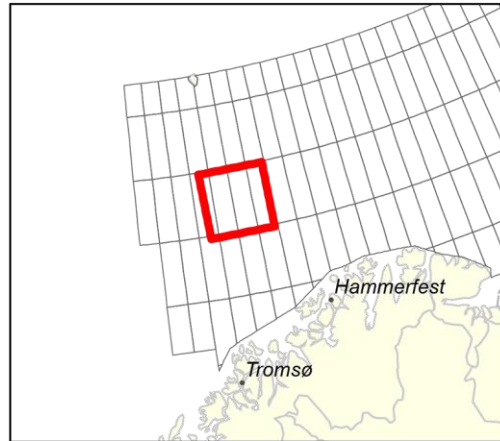
[Production licence 532](#) was awarded on 15 May 2009 in the 20<sup>th</sup> licensing round on the Norwegian shelf. This is the ninth well to be drilled in the licence.

The drilling 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.



Undersøkellesbrønn/Well  
7220/5-3  
Utvinningsløyve/PL 532



Utskriftsdato: 25.07.2018

# 7220/5-3

29/10/2018 Equinor Energy AS, operator of production licence 532, has concluded the drilling of wildcat well 7220/5-3. The well proved oil.

The well was drilled about 8 kilometres north of the 7220/8-1 discovery well on the Johan Castberg oil field, and 225 kilometres northwest of Hammerfest.

The well's primary exploration target was to prove petroleum in reservoir rocks from the Middle Jurassic Age (the Stø and Nordmela formations). The secondary exploration target was to prove petroleum in reservoir rocks from the Early Jurassic Age (the Tubåen formation).

The well encountered a total oil column of about 35 metres in the Stø formation, 30 metres of which was effective reservoir in sandstone with moderate to good reservoir quality. The oil/water contact was encountered at 1415 metres below the sea surface. Both the Stø and the Nordmela formation are a little thicker than expected. The Stø formation has about 30 metres of water-bearing sandstone below the oil/water contact, with mainly good reservoir properties. The Nordmela formation has water-bearing sandstone layers totalling more than 100 metres with moderate to good reservoir quality. In the Tubåen formation, the sandstone layers have moderate to good reservoir properties.

Preliminary estimates place the size of the discovery between 2 and 4 million standard cubic metres (Sm<sup>3</sup>) of recoverable oil. The discovery will be assessed with a view towards tie-in to the Johan Castberg field.

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

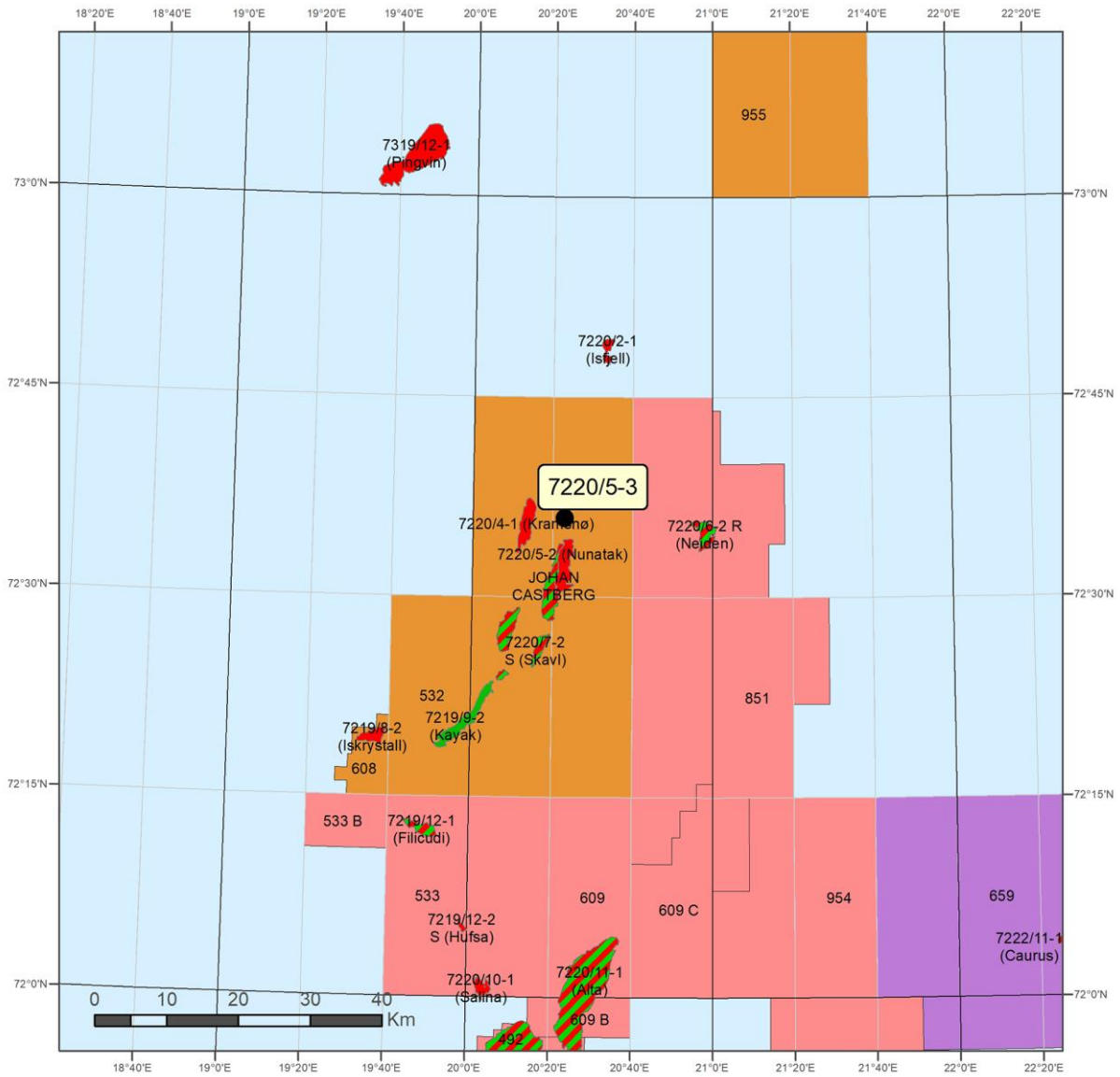
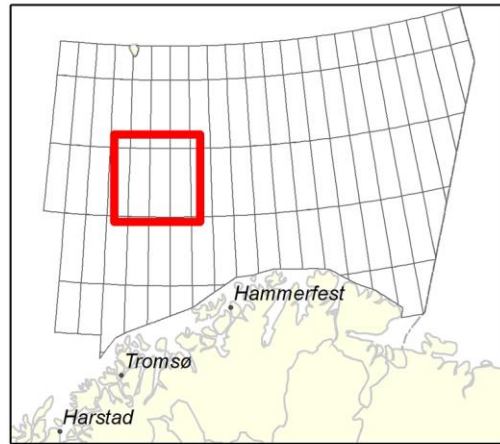
This is the ninth exploration well in [production licence 532](#). The licence was awarded in the 20<sup>th</sup> licensing round in 2009.

The well was drilled to a vertical depth of 1750 metres below the sea surface, and was terminated in the Fruholmen formation from the Late Triassic Age. Water depth at the site is 409 metres. The well will now be permanently plugged and abandoned.

Well 7220/5-3 was drilled by the *Songa Enabler* drilling facility, which will now drill five production wells on the Trestakk field in the southern part of the Norwegian Sea, where Equinor ASA is the operator.



Undersøkellesbrønn/Well  
7220/5-3  
Utvinningsløyve/PL 532



Utskriftsdato: 24.10.2018