

## NPD – exploration drilling result

07/04/2017 The Norwegian Petroleum Directorate has granted Aker BP ASA a drilling permit for well 24/9-11 S, cf. Section 8 of the Resource Management Regulations.

Well 24/9-11 S will be drilled from the *Transocean Arctic* drilling facility, at position 59°29'6.79" north and 01°50'7.65" east.

The drilling programme for well 24/9-11 S relates to the drilling of a wildcat well in production licence 150 B. Aker BP ASA is the operator with an ownership interest of 65 per cent, while Lundin Norway AS is a licensee with an ownership interest of 35 per cent. Production licence 150 B was awarded in 2011 (APA 2010).

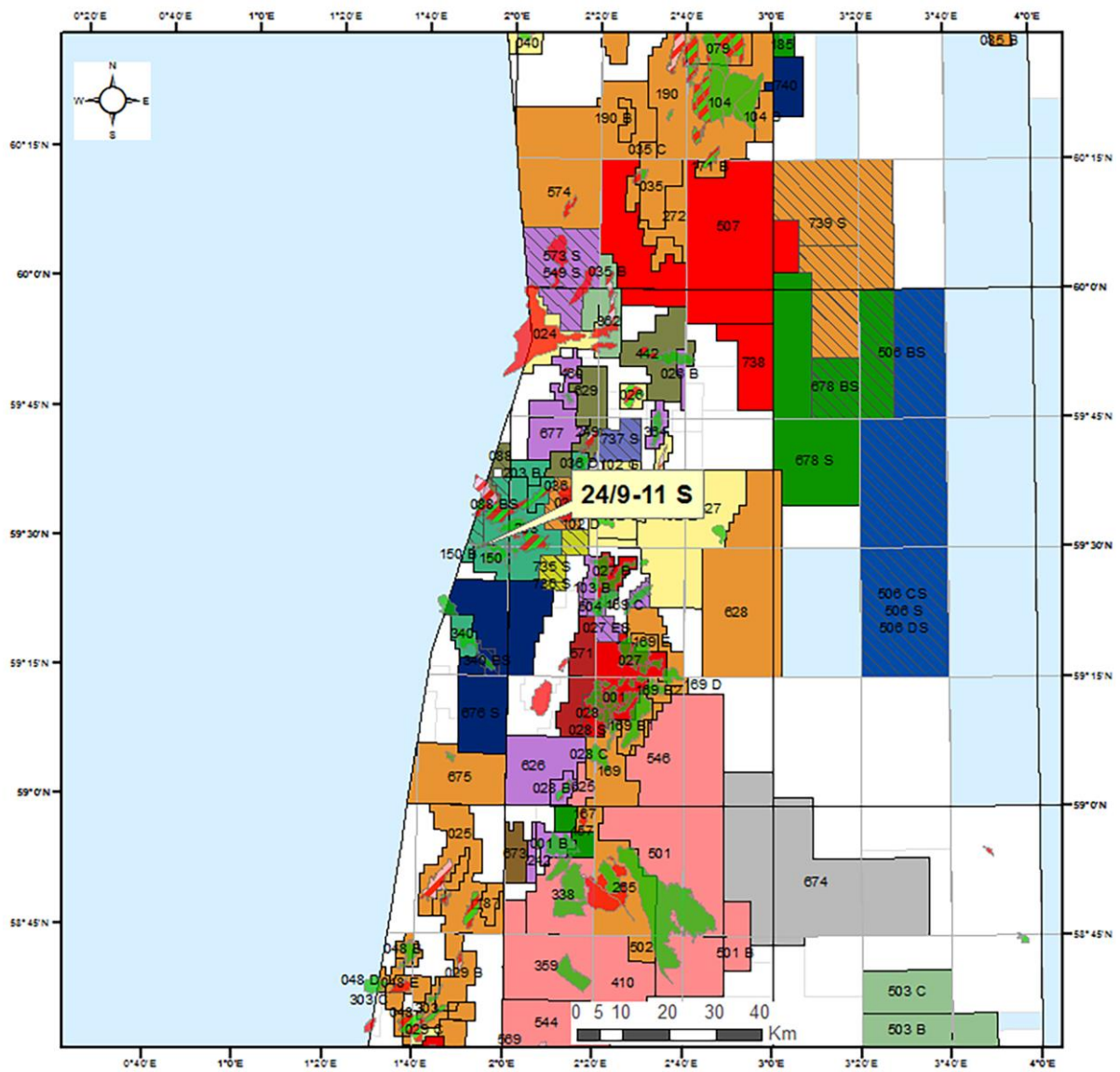
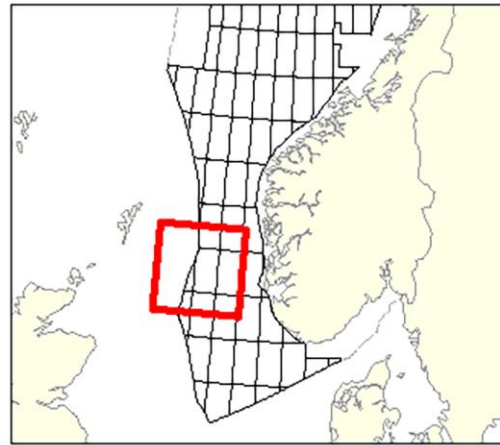
The area in this production licence is located in the central part of the North Sea, and consists of parts of block 24/9, which borders on the UK shelf. The well will be drilled southwest of the 24/9-5 Volund field. This is the first well to be drilled within the production licence.

The permit is contingent upon the operator securing all other permits and consents required by other authorities prior to commencing drilling activities.

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



Letebrønn  
24/9-11 S  
Utvinningsløyve 150 B



## 24/9-11 S

19/06/2017 Aker BP ASA, operator of production licence 150 B, has completed the drilling of wildcat well 24/9-11 S.

The well was drilled about 7 kilometres west of the Volund field, 11 kilometres southwest of the Alvheim field and 230 kilometres northwest of Stavanger in the central part of the North Sea.

The objective of the well was to prove petroleum in Upper Palaeocene reservoir rocks (the Hermod formation).

Well 24/9-11 S encountered a 7-metre thick sandstone layer with very good reservoir properties. Some thin, partially cemented sandstone layers were also encountered above the main reservoir, with partially good reservoir properties. The sandstones have been interpreted as being remobilised from the Hermod formation and injected into the overlying Balder formation. The reservoir rocks have only faint traces of oil. The well is classified as dry.

Data acquisition and sampling were carried out.

This is the first exploration well in [production licence 150 B](#). The licence was awarded in APA 2010.

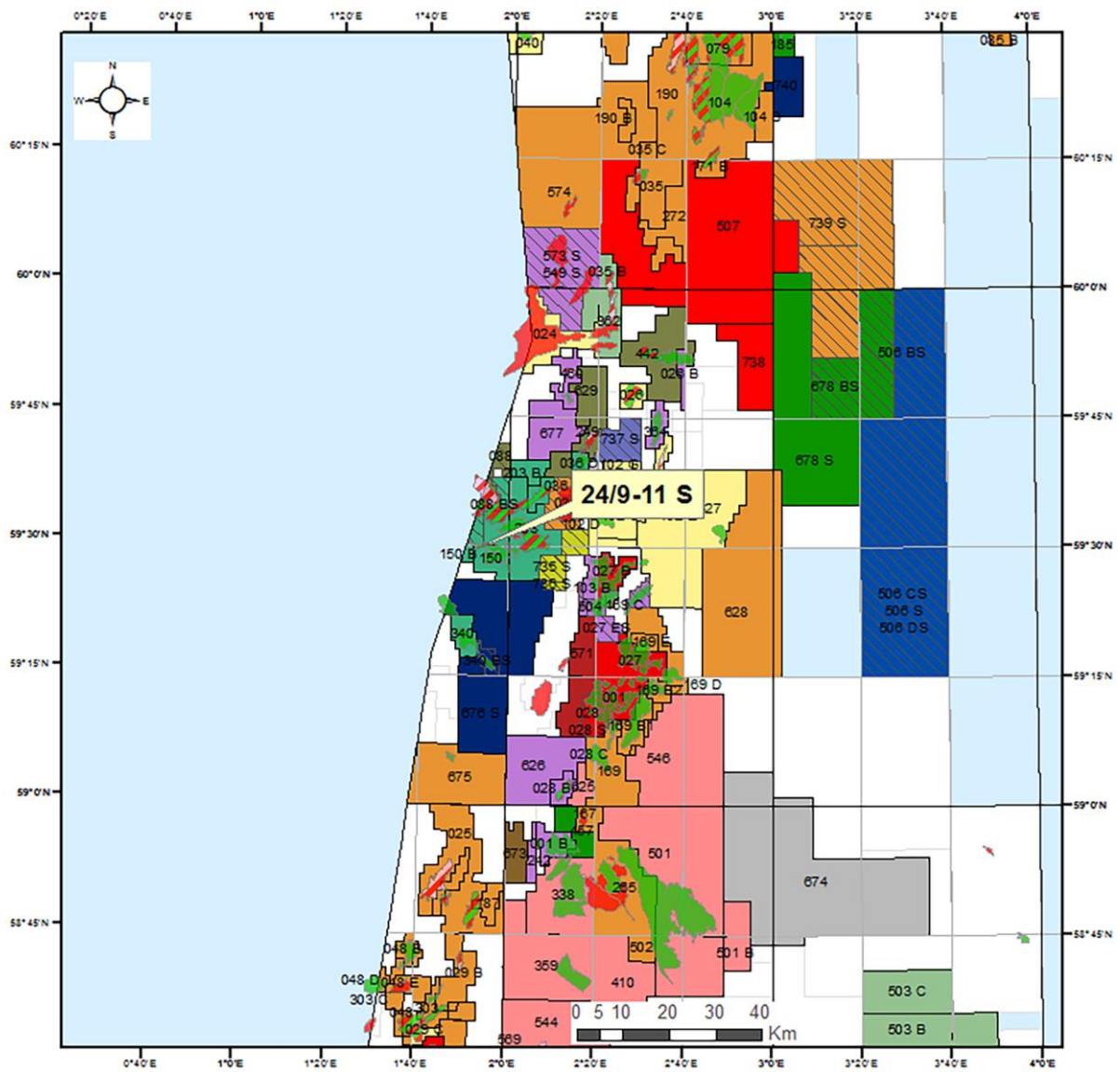
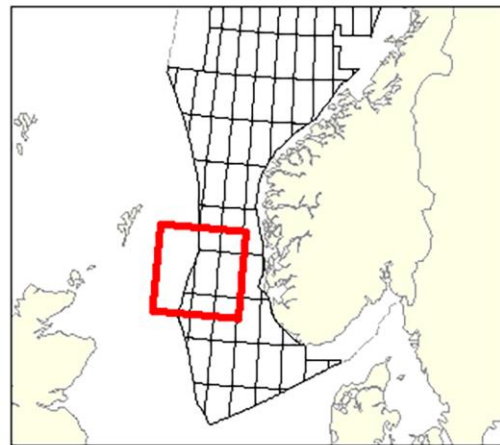
Well 24/9-11 S was drilled to measured and vertical depths of 2211 and 2114 metres below the sea surface, respectively, and was terminated in the Palaeocene Sele formation.

The water depth is 122 metres. The well has now been permanently plugged and abandoned.

Well 24/9-11 S was drilled by the *Transocean Arctic* drilling facility, which will now proceed to drill observation well 24/6-A-6 H in production licence 088 BS on the Alvheim field, where Aker BP is the operator.



Letebrønn  
24/9-11 S  
Utvinningsløyve 150 B



# Minor oil discovery and delineation of the 24/9-12 S (Frosk) oil discovery in the North Sea – 24/9-15 S and 24/9-15 A

01/07/2019 Aker BP ASA, operator of production licence 340, has finalised the results after drilling wildcat well 24/9-15 S (Froskelår Nordøst) and appraisal well 24/9-15 A.

The wells, which are also pilot wells for test production, were drilled diagonally and horizontally, 2 and 3 kilometres northeast and north respectively, from the subsea template on the Bøyla field in the central part of the North Sea, and 225 kilometres west of Stavanger.

The 24/9-12 S (Frosk) oil discovery was proven in reservoir rocks (injectites) in the Eocene (the Intra Hordaland group) in the winter of 2018. Prior to drilling of appraisal well 24/9-15 A, the operator's resource estimate for the discovery was between 5 and 10 million standard cubic metres (Sm<sup>3</sup>) of recoverable oil.

The objective of well 24/9-15 S was to prove petroleum and reservoir potential in (injectites) in the Intra Hordaland group. The well encountered a vertical oil column of 49 metres with sandy layers totalling about 10 metres, mainly with very good reservoir properties. The oil/water contact was encountered 1836 metres below the sea surface.

The preliminary size of the discovery is between 0.3 and 1.6 million Sm<sup>3</sup> of recoverable oil, and it extends into the neighbouring licence, 869. The licensees will continue to assess the discovery together with other nearby discoveries, with regard to follow-up and a potential development.

The objective of well 24/9-15 A was to delimit the northern part of the 24/9-12 S (Frosk) oil discovery. The well encountered oil-bearing injectite zones totalling 50 metres with very good to extremely good reservoir properties in the Hordaland group. The oil/water contact was not encountered.

The result of the delineation of the 24/9-12 S (Frosk) oil discovery is presumed to lie within the resource range estimated earlier. The plan is to carry out test production from bilateral wells in the Frosk reservoir starting in the third quarter of 2019 and with an initial duration of six months.

The production will take place via the subsea template on the Bøyla field and will be transported 26 kilometres north to the Alvheim production vessel (FPSO). The primary objective of the test production is to reduce the risk associated with recovering these resources.

The wells were not formation-tested, but data has been collected.

These were the seventh and eighth exploration wells in [production licence 340](#). The licence was awarded in APA 2004.

Well 24/9-15 S was drilled to respective vertical and measured depths of 1900 and 4276 metres below the sea surface. Well 24/9-15 A was drilled to respective vertical and measured depths of 1810 and 3819 metres below the sea surface. The wells were terminated in the Hordaland group in the Eocene.

Water depth at the site is 119 metres. The wells have been permanently plugged and abandoned.

Wells 24/9-15 S and 24/9-15 A were drilled by the Scarabeo 8 drilling facility, which will now drill a production well on the Marulk field in production licence 122 in the Norwegian Sea, where Vår Energi AS is the operator.



Undersøkelsesbrønn/Wel  
24/9-15 S  
Avgrensingsbrønn/Well  
24/9-15 A  
Utvinningsløyve/PL 340

