

NPD – exploration drilling result

16/06/2010 The Norwegian Petroleum Directorate has granted Lundin Norway AS a drilling permit for wellbore 16/2-6, cf. Section 8 of the Resource Management Regulations.

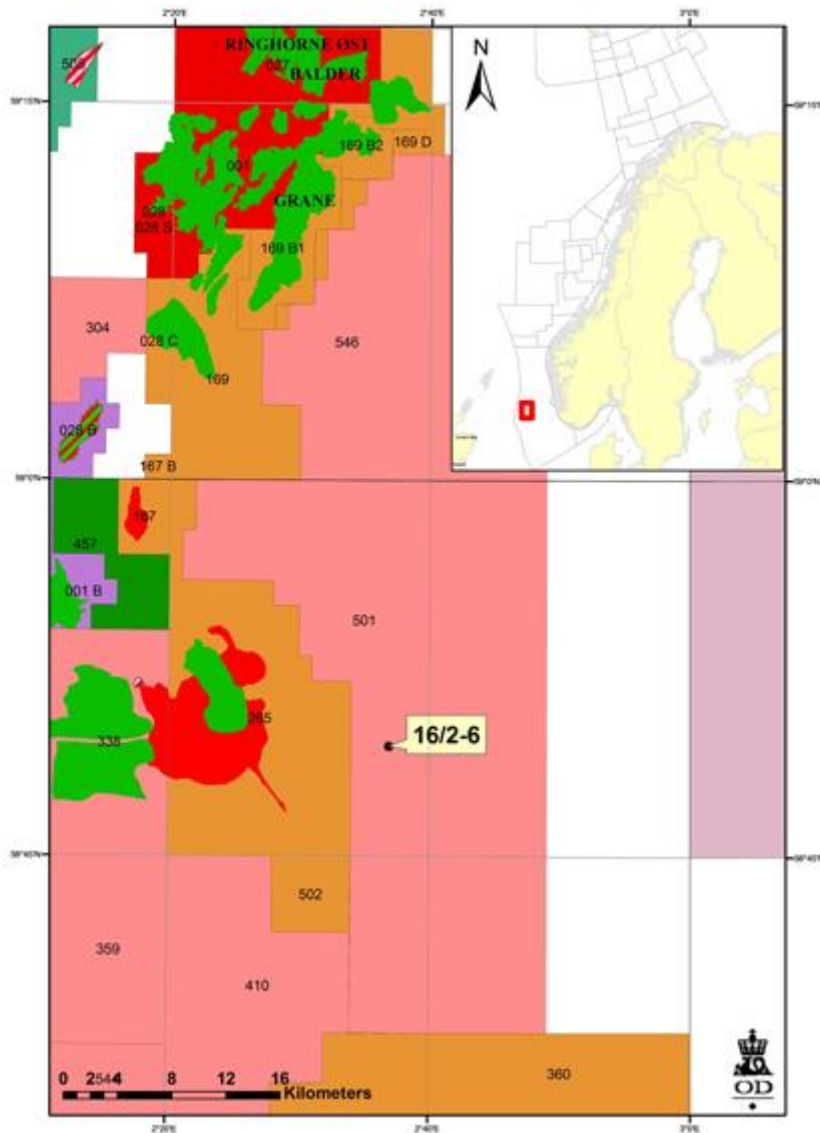
Wellbore 16/2-6 will be drilled from the drilling facility *Transocean Winner* at position 58° 49' 25.26" North, 2° 36' 54.76" East, following the completion of sidetrack well 15/12-23 A for Talisman Energy Norway AS in production licence 038D.

The drilling program for wellbore 16/2-6 concerns the drilling of a wildcat well in production licence 501. Lundin is the operator, with an ownership interest of 40 per cent. The other licensees are Statoil Petroleum AS (40 per cent) and Maersk Oil Norway AS (20 per cent). The area covered by the permit consists of parts of blocks 16/2, 3, 5 and 6. The well will be drilled about 35 kilometres south of the Grane field in the central North Sea.

Production licence 501 was awarded on 23 January 2009 (APA2008). This is the first well drilled in the licence.

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.



16/2-6

17/09/2010 Lundin Norway AS, operator of production licence 501, is in the process of completing the drilling of wildcat well 16/2-6. The well was drilled about 25 km east of the 16/1-8 (Luno) oil discovery in the North Sea.

The well's primary exploration target was to prove petroleum in Upper Jurassic reservoir rocks (the Hugin formation). The secondary exploration target was to prove petroleum in reservoir rocks in the Lower Paleocene (the Ty formation). Oil was proven in a 17-metre column in the Draupne and Hugin formation in the Upper to Middle Jurassic, while the Ty formation lacked reservoir development.

Preliminary estimates of proven recoverable oil are 15 million standard cubic metres (Sm³) with an upside of about 60 million Sm³, which will require further delineation in the production licence. The gas/oil ratio is calculated at 40 Sm³/Sm³.

A successful formation test has been performed. The production rate was 780 Sm³ of oil per flow day through a 52/64-inch nozzle. The test showed very good flow properties.

The licensees in [production licence 501](#) are considering further rapid delineation drilling on the discovery.

The well is the first exploration well in production licence 501, which was awarded in APA 2008.

The well was drilled to a vertical depth of 2132 metres below the sea surface, and was terminated in the Zechstein group in the Upper Permian.

The water depth at the site is 115 metres. The well will now be permanently plugged and abandoned.

Well 16/2-6 was drilled by the *Transocean Winner*, which will now proceed to production licence 338 in the North Sea to drill wildcat well 16/1-14, where Lundin Norway AS is the operator.

