

**General information**

Wellbore name	7228/1-1
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Press release	<a href="#">link</a>
Factmaps in new window	<a href="#">link</a>
Main area	BARENTS SEA
Well name	7228/1-1
Seismic location	Survey BG0804.inline 1949 & xline 2736
Drilled in production licence	<a href="#">396</a>
Drilling operator	Norwegian Energy Company ASA
Drill permit	1397-L
Drilling facility	<a href="#">TRANSOCEAN BARENTS</a>
Drilling days	29
Entered date	29.03.2012
Completed date	26.04.2012
Release date	15.03.2013
Publication date	15.03.2013
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	40.0
Water depth [m]	351.0
Total depth (MD) [m RKB]	1714.0
Final vertical depth (TVD) [m RKB]	1711.5
Maximum inclination [°]	7.9
Oldest penetrated age	MIDDLE TRIASSIC
Oldest penetrated formation	KOBBE FM
Geodetic datum	ED50
NS degrees	72° 51' 0.92" N
EW degrees	28° 18' 55.19" E
NS UTM [m]	8084472.59
EW UTM [m]	543289.80
UTM zone	35
NPDID wellbore	6820

## Wellbore history

### General

Well 7228/1-1 was drilled on the Eik Prospect in the Barents Sea on the eastern border of the Bjarmeland Platform. The Eik prospect is a salt-induced structure located close to the northern part of the Nyslepp Fault Complex, which separates the Bjarmeland Platform from the Nordkapp Basin. The main target was the Early Jurassic - Late Triassic sandstones contained in the Kapp Toscana Group. Secondary Targets were Late Triassic Intra-Snadd Formation sandstone and sandstones in the Middle Triassic Kobbe Formation.

### Operations and results

Wildcat well 7228/1-1 was spudded with the semi-submersible installation Transocean Barents on 29 March 2012 and drilled to TD at 1714 m in the Middle Triassic Kobbe Formation. No significant problem was encountered in the operations. The well was drilled with seawater and hi-vis pills down to 755 m and with Glydril mud from 755 m to TD.

Good quality reservoir sandstones were found in the Kapp Toscana Group (Nordmela, Tubåen, and Fruholmen formations); 100 m net reservoir in total. The Intra Snadd sand secondary target had 32 m of net reservoir with very good porosities. Only poor reservoir intervals were found within the Kobbe Formation, with low net to gross values and low porosities. None of the reservoir intervals were hydrocarbon-bearing. Weak Shows were reported from cuttings evaluation over Tubåen and Fruholmen sands from 976 m to 1092 m. The shows were described as fair spotty yellow direct fluorescence, very slow dull blue white fluorescence cut, no visible cut and fair dull blue white residual ring. No shows were observed below Fruholmen Formation. No bottom hole temperature at final TD is given on the fact pages, due to no reliable downhole temperature obtained.

No cores were cut. A dry case wire line logging program was performed. No wire line fluid samples were taken.

The well was permanently abandoned on 26 April 2012 as a dry well.

### Testing

No drill stem test was performed.

## Cuttings at the NPD

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
765.00	1714.00

Cuttings available for sampling?	YES
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## Lithostratigraphy

Top depth [m]	Lithostrat. unit
391	<a href="#">NORLAND GP</a>
391	<a href="#">UNDIFFERENTIATED</a>
416	<a href="#">ADVENTDALEN GP</a>
416	<a href="#">KOLMULE FM</a>
843	<a href="#">KNURR FM</a>
881	<a href="#">HEKKINGEN FM</a>
928	<a href="#">FUGLEN FM</a>
967	<a href="#">KAPP TOSCANA GP</a>
967	<a href="#">NORDMELA FM</a>
974	<a href="#">TUBÅEN FM</a>
1034	<a href="#">FRUHOLMEN FM</a>
1137	<a href="#">SNADD FM</a>
1513	<a href="#">SASSEDALEN GP</a>
1513	<a href="#">KOBBE FM</a>

### Geochemical information

Document name	Document format	Document size [KB]
<a href="#">6820_01_7228_1_1_gch_transfer_1</a>	txt	0.00
<a href="#">6820_02_7228_1_1_gch_results_1</a>	txt	0.02

### Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD - DIR INC	392	459
MWD - GR RES SON DEN NEU	459	1714
PEX HRLA MSIP XPT	840	1713
PEX MSIP PPC GPIT EDTC	742	887
VSI	490	1690

### Casing and leak-off tests

Casing type	Casing diam. [inch]	Casing depth [m]	Hole diam. [inch]	Hole depth [m]	LOT mud eqv. [g/cm <sup>3</sup> ]	Formation test type
CONDUCTOR	30	455.0	36	459.0	0.00	LOT
SURF.COND.	13 3/8	749.0	17 1/2	755.0	0.00	LOT
PILOT HOLE		755.0	9 7/8	755.0	0.00	LOT

INTERM.	9 5/8	884.0	12 1/4	889.0	1.45	LOT
OPEN HOLE		1714.0	8 1/2	1714.0	1.64	LOT

**Drilling mud**

Depth MD [m]	Mud weight [g/cm <sup>3</sup> ]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
400	1.02	21.0		SW/Bentonite Sweeps	
450	1.02	20.0		SW/Bentonite Sweeps	
458	1.39	20.0		Bentonite	
755	1.24	23.0		Glydril	
788	1.24	18.0		Glydril	
889	1.24	19.0		Glydril	
1185	1.29	19.0		Glydril	
1591	1.29	20.0		Glydril	
1714	1.29	19.0		Glydril	