

**General information**

Wellbore name	15/12-17 A
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORTH SEA
Field	REV
Discovery	15/12-12 Rev
Well name	15/12-17
Seismic location	
Production licence	038
Drilling operator	Talisman Energy Norge AS
Drill permit	1134-L
Drilling facility	MÆRSK GIANT
Drilling days	48
Entered date	04.02.2007
Completed date	23.03.2007
Release date	23.03.2009
Publication date	23.03.2009
Purpose - planned	APPRAISAL
Reclassified from wellbore	15/12-D-1 H
Reentry	NO
Content	GAS/CONDENSATE
Discovery wellbore	NO
1st level with HC, age	LATE JURASSIC
1st level with HC, formation	INTRA HEATHER FM SS
Kelly bushing elevation [m]	43.0
Water depth [m]	87.0
Total depth (MD) [m RKB]	3620.0
Final vertical depth (TVD) [m RKB]	2955.0
Maximum inclination [°]	56.93
Bottom hole temperature [°C]	128
Oldest penetrated age	TRIASSIC
Oldest penetrated formation	SKAGERRAK FM
Geodetic datum	ED50
NS degrees	58° 1' 42.68" N
EW degrees	1° 55' 23.46" E



NS UTM [m]	6432538.90
EW UTM [m]	436399.33
UTM zone	31
NPDID wellbore	5484

Wellbore history

General

Well 15/12-17 A was drilled as a geological sidetrack of the 15/12-17 S, down dip into a separate down faulted compartment. The objective was to find the GOC and OWC which were not seen in the 15/12-17 S well.

Operations and results

Well 15/12-17 A was drilled with the jack-up installation Mærsk Giant. The well was kicked off from 3030 m in 15/12-17 S on 4 February 2007 and drilled to TD at 3620 m (2655 m TVD RKB) in the Triassic Skagerrak Formation. The well was drilled with Carbo SEA oil based mud from kick-off to TD.

The top of late Jurassic sands was picked at 3360 m (2813 m TVD RKB). The base of the reservoir (top Skagerrak Formation) was picked at 3550 m (2916m TVD RKB) and gives a reservoir thickness of 107 m TVD. The well found gas in the Late Jurassic sands and the Skagerrak formation, but did not find any GOC or OWC.

No cores were cut and no fluid samples were collected.

The well was suspended on 23 March 2007 for future use as a gas producer.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
3044.00	3620.00

Cuttings available for sampling?	YES
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Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
3300.0	[m]	DC	APT
3310.0	[m]	DC	APT
3320.0	[m]	DC	APT
3330.0	[m]	DC	APT



3340.0	[m]	DC	APT
3350.0	[m]	DC	APT
3360.0	[m]	DC	APT
3420.0	[m]	DC	APT
3430.0	[m]	DC	APT
3440.0	[m]	DC	APT
3450.0	[m]	DC	APT
3460.0	[m]	DC	APT
3480.0	[m]	DC	APT
3500.0	[m]	DC	APT
3510.0	[m]	DC	APT
3520.0	[m]	DC	APT
3530.0	[m]	DC	APT

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
130	NORDLAND GP
1084	UTSIRA FM
1258	HORDALAND GP
2501	ROGALAND GP
2501	BALDER FM
2523	SELE FM
2579	LISTA FM
2684	VÅLE FM
2693	SHETLAND GP
2693	EKOFISK FM
2705	TOR FM
2904	HOD FM
3017	BLODØKS FM
3039	HIDRA FM
3047	CROMER KNOLL GP
3047	RØDBY FM
3095	SOLA FM
3127	ÅSGARD FM
3175	VIKING GP
3175	DRAUPNE FM
3356	INTRA HEATHER FM SS
3550	NO GROUP DEFINED

3550 [SKAGERRAK FM](#)**Logs**

Log type	Log top depth [m]	Log bottom depth [m]
MDT GR	3069	3546
MWD - GR DIR PWD	3030	3053
MWD - GR RES DIR PWD CCN ORD	3053	3620

Casing and leak-off tests

Casing type	Casing diam. [inch]	Casing depth [m]	Hole diam. [inch]	Hole depth [m]	LOT/FIT mud eqv. [g/cm3]	Formation test type
INTERM.	9 5/8	3023.0	12 1/4	3034.0	1.80	LOT
OPEN HOLE		3620.0	8 1/2	3620.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
1480	1.60			OIL BASED	
2800	1.60			OIL BASED	
3135	1.60			OIL BASED	
3418	1.61			OIL BASED	
3620	1.60			OIL BASED	

Pressure plots

The pore pressure data is sourced from well logs if no other source is specified. In some wells where pore pressure logs do not exist, information from Drill stem tests and kicks have been used. The data has been reported to the NPD, and further processed and quality controlled by IHS Markit.

Document name	Document format	Document size [MB]
5484_Formalion_pressure_(Formasjonstrykk)	pdf	0.23

