

**General information**

Wellbore name	32/2-1
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	32/2-1
Seismic location	line 11184. CDP no:39275
Production licence	369
Drilling operator	Talisman Energy Norge AS
Drill permit	1186-L
Drilling facility	TRANSOCEAN WINNER
Drilling days	14
Entered date	18.06.2008
Completed date	01.07.2008
Release date	01.07.2010
Publication date	01.08.2010
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	26.0
Water depth [m]	351.0
Total depth (MD) [m RKB]	1300.0
Final vertical depth (TVD) [m RKB]	1300.0
Maximum inclination [°]	1
Bottom hole temperature [°C]	33
Oldest penetrated age	TRIASSIC
Oldest penetrated formation	LUNDE FM
Geodetic datum	ED50
NS degrees	60° 46' 29.35" N
EW degrees	4° 20' 0.36" E
NS UTM [m]	6738602.99
EW UTM [m]	572630.04
UTM zone	31
NPDID wellbore	5839



Wellbore history

General

The Trow well 32/2-1 is located ca 25 km east of the Troll Field and only 20 km west of the island Fedje. The Trow well is the closest to shore well ever drilled on the Norwegian shelf. The Trow prospect consists of a large structural anticline downthrown to the Øygarden fault zone. The primary objective of the well was to prove commercial hydrocarbons in the Late Jurassic Sognefjord, Fensfjord and Krossfjord Formations, possibly a single reservoir package, although intra-formational shale seals may be present at this location. The secondary targets were the Brent Group and Statfjord Formation.

Operations and results

Wildcat well 32/2-1 was spudded with the semi-submersible installation Transocean Winner on 18 June 2008 and drilled to TD at 1300 m in the Triassic Lunde Formation. No significant problems were encountered in the operations. The well was drilled with seawater and bentonite sweeps down to 840 m, and with water based FormPro mud from 840 m to TD.

The Draupne Formation was encountered at 823 m, just 1 m deep to prognosis, but 43 m thinner than prognosed. The top of the Sognefjord reservoir was encountered at 902 m, 34 m shallower than prognosed, and 34 m thicker than expected. The secondary target reservoir in the Brent Group was encountered at 1187 m, 30 m shallower than prognosed. All reservoirs were found water wet, and no shows were observed.

No cores were cut. A pressure point taken at 1194.9 m in the Brent Group was measured to 1.01 SG RT, 1.03 SG SS.

No wire line fluid samples were taken.

The well was permanently abandoned on 1 July 2008 as a dry well.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
856.00	1300.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
377	NORDLAND GP



620	CROMER KNOLL GP
620	SOLA FM
755	ÅSGARD FM
823	VIKING GP
823	DRAUPNE FM
884	HEATHER FM
902	SOGNEFJORD FM
1012	FENSFJORD FM
1115	KROSSFJORD FM
1187	BRENT GP
1228	STATFJORD GP
1247	HEGRE GP
1247	LUNDE FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD LWD - DIR	377	428
MWD LWD - E-SON DIR ECD	835	1300
MWD LWD - GR RES DEN NEU PRES	835	1300
MWD LWD - GR RES SONIC DIR ECD	425	840

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
CONDUCTOR	30	424.0	36	425.0	0.00	LOT
SURF.COND.	13 3/8	835.0	17 1/2	840.0	1.86	LOT
PILOT HOLE		838.0	9 7/8	838.0	0.00	LOT
OPEN HOLE		843.0	12 1/4	843.0	0.00	LOT
OPEN HOLE		1300.0	8 1/2	1300.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
424	1.03			seawater	



838	1.03			seawater	
843	1.15			WBM,form	
1300	1.16			WBM,form	