

**General information**

Wellbore name	30/9-25
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	30/9-25
Seismic location	ST10007 xline 1624 & inline 1590
Production licence	104
Drilling operator	Statoil Petroleum AS
Drill permit	1471-L
Drilling facility	OCEAN VANGUARD
Drilling days	40
Entered date	10.08.2013
Completed date	20.09.2013
Release date	20.09.2015
Publication date	20.09.2015
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	22.0
Water depth [m]	100.0
Total depth (MD) [m RKB]	3220.0
Final vertical depth (TVD) [m RKB]	3217.0
Maximum inclination [°]	8.4
Oldest penetrated age	MIDDLE JURASSIC
Oldest penetrated formation	NESS FM
Geodetic datum	ED50
NS degrees	60° 20' 6.13" N
EW degrees	2° 47' 47.63" E
NS UTM [m]	6688898.80
EW UTM [m]	488767.18
UTM zone	31
NPDID wellbore	7249



Wellbore history

General

Well 30/9-25 was drilled on the Cerberus prospect about six kilometres south of the Oseberg Sør facility in the North Sea. The primary objective was to appraise the hydrocarbon potential in the upper Tarbert Formation and Intra-Heather Formation sandstones. Secondary objective was to test the presence and hydrocarbon potential of Intra-Draupne Formation sandstone

Operations and results

Appraisal well 30/9-25 was spudded with the semi-submersible installation Ocean Vanguard on 10 August 2013 and drilled to TD at 3220 m in the Middle Jurassic Ness Formation. No shallow gas was encountered in the well and the operations proceeded without significant problems. The well was drilled with seawater and hi-vis sweeps down to 445 m, with KCl/polymer/glycol mud from 445 m to 1552 m and with XP-07 oil based mud from 1552 m to TD.

Reservoir sandstones were encountered in Heather, Tarbert and Ness Formations, but they were dry. No Intra-Draupne Formation sandstone was present. The only hydrocarbon indications were shows on the core +/- 2910 m in Intra-Heather Formation sandstone and +/- 2913 m in the upper Tarbert Formation.

One 54 m core was cut from 2897 m in the Heather Formation to 2951 m in the upper Tarbert Formation with 100% recovery. The core - log depth shift was found to be +4.5 m. No pressure or fluid samples were taken due to hole instability during the MDT run.

The well was permanently abandoned on 20 September 2013 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]
450.00	3220.00

Cuttings available for sampling?	YES
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Cores at the Norwegian Offshore Directorate

Core sample number	Core sample - top depth	Core sample - bottom depth	Core sample depth - uom
1	2897.0	2950.9	[m]

Total core sample length [m]	53.9
Cores available for sampling?	YES

**Lithostratigraphy**

Top depth [mMD RKB]	Lithostrat. unit
122	NORDLAND GP
581	UTSIRA FM
811	HORDALAND GP
1439	GRID FM
2069	ROGALAND GP
2069	BALDER FM
2130	SELE FM
2191	LISTA FM
2291	VÅLE FM
2366	SHETLAND GP
2366	HARDRÅDE FM
2611	KYRRE FM
2678	TRYGGVASON FM
2688	SVARTE FM
2768	CROMER KNOLL GP
2768	RØDBY FM
2805	ÅSGARD FM
2823	VIKING GP
2823	DRAUPNE FM
2835	HEATHER FM
2945	BRENT GP
2945	TARBERT FM
3137	NESS FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD - ARCVRES9 TELE	189	1551
MWD - PDX5 ARCVRES8 TELE	1552	2693
MWD - RAB6 ARC6 TELE	2693	3220

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	184.0	36	184.0	0.00	
SURF.COND.	20	437.0	26	445.0	1.40	FIT
INTERM.	13 3/8	1543.5	17 1/2	1556.0	1.70	LOT
INTERM.	9 5/8	2692.0	12 1/4	2693.0	1.60	LOT
OPEN HOLE		3220.0	8 1/2	3220.0	0.00	

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
189	1.35	14.0		Spud Mud	
189	1.60	20.0		KCl/Polymer/Glycol	
445	1.35	14.0		Spud Mud	
445	1.60	20.0		KCl/Polymer/Glycol	
445	1.20	21.0		KCl/Polymer/GEM	
458	1.20	23.0		KCl/Polymer/GEM	
570	1.21	19.0		KCl/Polymer/GEM	
1552	1.45	16.0		XP-07 - Yellow	
2405	1.25	6.0		XP-07 - Yellow	
2693	1.45	19.0		XP-07 - Yellow	
3220	1.22	6.0		XP-07 - Yellow	
3220	1.23	8.0		XP-07 - Yellow	
3220	1.24	6.0		XP-07 - Yellow	