

**General information**

Wellbore name	25/9-4
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	25/9-4
Seismic location	3D survey NO07M01-inline 3403 & xline 4293
Production licence	628
Drilling operator	Statoil Petroleum AS
Drill permit	1490-L
Drilling facility	OCEAN VANGUARD
Drilling days	47
Entered date	10.01.2014
Completed date	27.02.2014
Release date	27.02.2016
Publication date	27.02.2016
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	22.0
Water depth [m]	116.0
Total depth (MD) [m RKB]	2419.0
Final vertical depth (TVD) [m RKB]	2419.0
Maximum inclination [°]	0.6
Oldest penetrated age	MIDDLE JURASSIC
Oldest penetrated formation	SLEIPNER FM
Geodetic datum	ED50
NS degrees	59° 25' 24.36" N
EW degrees	2° 47' 15.1" E
NS UTM [m]	6587375.13
EW UTM [m]	487942.60
UTM zone	31
NPDID wellbore	7299



Wellbore history

General

Well 25/9-4 was drilled to test the Tastaveden prospect on the western flank of the Stord Basin in the North Sea. The primary objective was to prove commercial resources within the Hugin and Sleipner Formations of the Vestland Group.

Operations and results

Wildcat well 25/9-4 was spudded with the semi-submersible installation Ocean Vanguard on 10 January 2014 and drilled to TD at 2419 m in the Middle Jurassic Sleipner Formation. After reaching TD in the 12 1/4" section running of the BOP was delayed for two weeks due to bad weather. In addition, trouble shooting and repairs of the BOP was needed before the BOP could finally be set. The well was drilled with Seawater and hi-vis sweeps down to 1128 m and with XP-07 oil based mud from 1128 m to TD.

The Vestland Group was encountered with top Hugin Formation at 2372 m and top Sleipner Formation at 2391 m. The Vestland Group was dry without shows as was the rest of the sections penetrated by the well. Post-well analyses proved oil-prone but immature source rock in the Draupne and Heather formations, and confirmed a total lack of migrated hydrocarbons in the well.

No cores were cut and no fluid sample was taken.

The well was permanently abandoned on 27 February 2014 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]
1130.00	2417.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
138	NORDLAND GP
138	UNDIFFERENTIATED
716	UTSIRA FM
1096	HORDALAND GP
1096	UNDIFFERENTIATED
1322	GRID FM



1336	UNDIFFERENTIATED
1575	GRID FM
1606	UNDIFFERENTIATED
1902	ROGALAND GP
1902	BALDER FM
1964	SELE FM
2018	LISTA FM
2087	VÅLE FM
2100	SHETLAND GP
2100	TRYGGVASON FM
2137	SVARTE FM
2197	CROMER KNOLL GP
2197	RØDBY FM
2281	SOLA FM
2296	ÅSGARD FM
2308	VIKING GP
2308	DRAUPNE FM
2345	HEATHER FM
2372	VESTLAND GP
2372	HUGIN FM
2391	SLEIPNER FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
DSI PEX XPT GR	1113	2421
MWD-DIR	138	191
MWD-DIR GR RES	191	2419

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	187.0	36	192.5	0.00	
LINER	9 5/8	1113.6	12 1/4	1128.0	1.61	FIT
OPEN HOLE		2419.0	8 1/2	2419.0	0.00	

Drilling mud



Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
191	1.03	16.0		Seawater	
191	1.60	32.0		KCl/Polymer/GEM	
191	1.35	15.0		KCl/Polymer/Glycol	
1126	1.35	23.0		XP-07 - Yellow	
1221	1.35	27.0		XP-07 - Yellow	
2083	1.35	22.0		XP-07 - Yellow	
2419	1.35	22.0		XP-07 - Yellow	