

**General information**

Wellbore name	25/5-8
Type	EXPLORATION
Purpose	WILDCAT
Status	JUNKED
Factmaps in new window	link to map
Main area	NORTH SEA
Well name	25/5-8
Seismic location	MC3D-NVG1IM
Production licence	102 F
Drilling operator	Total E&P Norge AS
Drill permit	1495-L
Drilling facility	LEIV EIRIKSSON
Drilling days	18
Entered date	14.12.2013
Completed date	01.01.2014
Release date	01.01.2016
Publication date	01.01.2016
Purpose - planned	WILDCAT
Reentry	NO
Content	NOT APPLICABLE
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	121.0
Total depth (MD) [m RKB]	1199.0
Final vertical depth (TVD) [m RKB]	1199.0
Maximum inclination [°]	1.2
Oldest penetrated age	EOCENE
Oldest penetrated formation	HORDALAND GP
Geodetic datum	ED50
NS degrees	59° 37' 6" N
EW degrees	2° 23' 44" E
NS UTM [m]	6609215.97
EW UTM [m]	465896.52
UTM zone	31
NPDID wellbore	7308



Wellbore history

General

Well 25/5-8 was drilled on the Trell prospect on the Heimdal Terrace in the North Sea. The primary objective was to test the Paleocene Heimdal Formation sandstone. If the well was proven hydrocarbon bearing, a 30m core was to be cut followed by a full WL acquisition and a DST in order to assess the hydrocarbon potential in the prospect. Another objective of the well was to calibrate the depth of the Heimdal sand in the area.

Operations and results

Wildcat well 25/5-8 was spudded with the semi-submersible installation Leiv Eiriksson on 14 December 2013 and drilled to TD at 1199 m in Eocene sediments in the Hordaland Group. Due to severe hole problems, probably related to boulders, running of the 13 3/8" casing failed. It was decided to abandon the location and drill a replacement well. The well was drilled with spud mud all through.

No cores were cut and no fluid sample was taken.

On 1 January, the well was plugged and abandoned as a junk well. The rig moved 50 m east of the wellhead location to spud Trell replacement well 25/5-9.

Testing

No drill stem test was performed.

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
146	NORDLAND GP
146	UNDIFFERENTIATED
443	UTSIRA FM
924	HORDALAND GP
924	UNDIFFERENTIATED
1056	UNDIFFERENTIATED

Logs

Log type	Log top depth [m]	Log bottom depth [m]
LWD - DI ROP GR APWD	146	1199
LWD - DI ROP GR APWD	1999	1999

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	215.0	36	215.0	0.00	
OPEN HOLE		1199.0	17 1/2	1199.0	0.00	

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
463	1.20	13.0		Polymer New Tech	
1199	1.20	10.0		Spud Mud	