

**General information**

Wellbore name	25/8-16 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
Discovery	25/8-16 S (Eitri)
Well name	25/8-16
Seismic location	NO 07M01-inline 2003 & Xline 4329
Production licence	027 D
Drilling operator	ExxonMobil Exploration and Production Norway AS
Drill permit	1251-L
Drilling facility	BREDFORD DOLPHIN
Drilling days	12
Entered date	13.05.2009
Completed date	23.05.2009
Release date	23.05.2011
Publication date	23.05.2011
Purpose - planned	APPRAISAL
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	126.0
Total depth (MD) [m RKB]	2324.0
Final vertical depth (TVD) [m RKB]	2189.0
Maximum inclination [°]	34.3
Oldest penetrated age	LATE CRET./PALEOCENE
Oldest penetrated formation	SHETLAND GP
Geodetic datum	ED50
NS degrees	59° 24' 56.25" N
EW degrees	2° 29' 2.34" E
NS UTM [m]	6586599.87
EW UTM [m]	470710.44
UTM zone	31
NPDID wellbore	6128



Wellbore history

General

Well 25/8-16 S and its sidetrack 25/8-16 A were drilled on the Utsira High in the southern part of the Viking Graben in the North Sea. Well 25/8-16 S found a 3 m oil column in the Heimdal Formation. The sidetrack well 25/8-16 A was drilled to appraise this discovery down flank of the structural high (where 25/8-16 S is situated).

Operations and results

Appraisal well 25/8-16 A was kicked off from main well 25/8-16 S at 1040 to 1050 m on 13 May 2009. It was drilled with the semi-submersible installation Bredford Dolphin to TD at 2324 m (2189 m TVD) where severe mud losses occurred. Due to this TD was set prematurely and attempts to run wire line logs failed. Also, since there were no returns for lithostratigraphy the stratigraphy at TD was not defined. Last known lithostratigraphic Formation was the Ekofisk Formation, 6 m above TD. The well was drilled with XP-07 oil based mud from kick-off to TD

The Heimdal formation consisted mainly of claystones with a thin sandstone at 2236 m. This sand was partly highly calcite cemented with some thin good porosity sands interbedded with the calcite stringers. The logs showed that the good porosity sands were water filled. Above this sand some thin and unclean siltstone/sandstones were indicated to contain hydrocarbons. However, the MDT tool was not able to pass 1392m and the MDT sampling was aborted. No oil shows were recorded in the well.

No cores were cut and no wire line fluid samples were taken.

The well was permanently abandoned on 23 May 2009.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
1050.00	2316.00

Cuttings available for sampling?	YES
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Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
151	NORDLAND GP
519	UTSIRA FM
1005	HORDALAND GP



1157	SKADE FM
1227	GRID FM
1948	ROGALAND GP
1948	BALDER FM
2014	SELE FM
2093	LISTA FM
2133	HEIMDAL FM
2290	TY FM
2306	SHETLAND GP
2306	EKOFISK FM

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD LWD - DIR	151	220
MWD LWD - DIR DGR EWR PWD	220	1036
MWD LWD - GR EWRP4 ALD CTM BAT G	1050	2324

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.	13 3/8	1030.0	17 1/2	1040.0	1.82	LOT
OPEN HOLE		2324.0	8 1/2	2324.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
207	1.47	27.0		XP-07	
1170	1.47	20.0		XP-07	
1710	1.47	21.0		XP-07	
1915	1.47	17.0		XP-07	
2060	1.47	22.0		XP-07	
2324	1.47	22.0		XP-07	