

**General information**

Wellbore name	25/8-14 S
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Press release	link to press release
Factmaps in new window	link to map
Main area	NORTH SEA
Field	RINGHORNE ØST
Discovery	25/8-14 S
Well name	25/8-14
Seismic location	EM01-01-x-line 2764 & inline 1806
Production licence	027
Drilling operator	Esso Exploration and Production Norway A/S
Drill permit	1067-L
Drilling facility	DEEPSEA TRYM
Drilling days	33
Entered date	21.08.2003
Completed date	22.09.2003
Release date	22.09.2005
Publication date	03.10.2013
Purpose - planned	WILDCAT
Reentry	NO
Content	OIL
Discovery wellbore	YES
1st level with HC, age	EARLY JURASSIC
1st level with HC, formation	STATFJORD GP
Kelly bushing elevation [m]	25.0
Water depth [m]	128.0
Total depth (MD) [m RKB]	2825.0
Final vertical depth (TVD) [m RKB]	2145.0
Maximum inclination [°]	64.8
Bottom hole temperature [°C]	79
Oldest penetrated age	EARLY JURASSIC
Oldest penetrated formation	STATFJORD GP
Geodetic datum	ED50
NS degrees	59° 17' 53.39" N
EW degrees	2° 30' 22.03" E



NS UTM [m]	6573509.93
EW UTM [m]	471869.88
UTM zone	31
NPDID wellbore	4805

Wellbore history

General

Well 25/8-14 S was drilled to test the Forseti Jurassic prospect, located East of the Ringhorne Field on the northern part of the Utsira High in the North Sea. The well was planned deviated with a deviation of about 65 degrees to avoid pipes and pipelaying activity at the sea floor.

Operations and results

Wildcat well 25/8-14 S was spudded with the semi-submersible installation Deepsea Trym on 21 August 2003. It was drilled to 2124 m where mud loss and drilling problems occurred. This caused the well to be plugged back and sidetracked at 1230 m in the 8 1/2" hole. The sidetrack 25/8-14 S T2 was drilled to final TD at 2825 m (2145 m TVD) in the Early Jurassic Statfjord Formation. The well was drilled with sea water and hi-vis pills down to 228 m, with sea water and bentonite sweeps from 228 m to 1051 m, and with Versavert oil based mud from 1051 m to TD.

The Statfjord Group was encountered at 2540 m directly underlying Cretaceous chalk. Oil was found in Statfjord sandstone from 2584.1 m to the OWC at 2611.6 m (1957.5 to 1973.5 m TVD). Oil shows were described on SWC's from the oil bearing reservoir, otherwise no shows over the OBM were recorded in the well.

No conventional cores were cut. RCI wire line fluid samples were taken at 2596.8 m.

The well was permanently abandoned on 22 September as an oil discovery.

Testing

No drill stem test was performed.

Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
2050.0	[m]	DC	RRI
2060.0	[m]	DC	FUGRO
2100.0	[m]	DC	FUGRO
2110.0	[m]	DC	RRI
2120.0	[m]	DC	FUGRO
2180.0	[m]	DC	FUGRO
2190.0	[m]	DC	RRI
2250.0	[m]	DC	RRI
2260.0	[m]	DC	FUGRO



2300.0 [m]	DC	FUGRO
2330.0 [m]	DC	RRI
2340.0 [m]	DC	FUGRO
2370.0 [m]	DC	RRI
2400.0 [m]	DC	RRI
2504.0 [m]	DC	RRI
2512.0 [m]	DC	RRI
2520.0 [m]	DC	FUGRO
2528.0 [m]	DC	RRI
2540.0 [m]	DC	RRI
2540.0 [m]	DC	FUGRO
2542.0 [m]	SWC	RRI
2548.0 [m]	DC	RRI
2552.0 [m]	DC	RRI
2560.0 [m]	DC	RRI
2576.0 [m]	DC	RRI
2577.5 [m]	SWC	RRI
2580.0 [m]	DC	FUGRO
2581.0 [m]	SWC	RRI
2583.0 [m]	SWC	RRI
2584.0 [m]	DC	RRI
2616.0 [m]	DC	RRI
2620.0 [m]	DC	RRI
2624.0 [m]	DC	RRI
2628.0 [m]	DC	RRI
2639.0 [m]	SWC	RRI
2642.0 [m]	SWC	RRI
2644.0 [m]	SWC	RRI
2652.0 [m]	DC	RRI
2672.0 [m]	DC	RRI
2704.0 [m]	SWC	RRI
2708.5 [m]	SWC	RRI
2712.0 [m]	DC	RRI
2712.5 [m]	SWC	RRI
2728.0 [m]	DC	RRI
2733.0 [m]	SWC	RRI
2737.5 [m]	SWC	RRI
2740.0 [m]	DC	RRI
2760.0 [m]	DC	RRI
2784.0 [m]	DC	RRI



2788.0	[m]	DC	RRI
2804.0	[m]	DC	RRI
2812.0	[m]	DC	RRI
2820.0	[m]	DC	FUGRO

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
153	NORDLAND GP
597	UTSIRA FM
987	HORDALAND GP
1147	SKADE FM
1230	NO FORMAL NAME
1372	NO FORMAL NAME
2044	ROGALAND GP
2044	BALDER FM
2184	SELE FM
2319	LISTA FM
2375	SHETLAND GP
2375	EKOFISK FM
2540	STATFJORD GP
2583	NO FORMAL NAME

Documents - reported by the production licence (period for duty of secrecy expired)

Document name	Document format	Document size [MB]
4805_25_8_14_S_COMPLETION_LOG	.PDF	7.88
4805_25_8_14_S_COMPLETION_REPORT	.pdf	10.70

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD - GR RES DIR	228	1056
MWD - GR RES DIR DEN NEU SON	1056	2124
MWD - GR RES DIR DEN NEU SON	1193	2825
RCI	2585	2715
SWC	2542	2737





VSP	1374	2800
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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	224.0	36	228.0	0.00	LOT
SURF.COND.	9 5/8	1050.0	12 1/4	1056.0	0.00	LOT
OPEN HOLE		2124.0	8 1/2	2124.0	1.85	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
228	0.00			WBM	
1056	1.03			WBM	
1587	1.50	28.0		NAF	
2124	1.50	30.0		NAF	
2168	1.47	28.0		NAF	
2825	1.47			NAF	

Pressure plots

The pore pressure data is sourced from well logs if no other source is specified. In some wells where pore pressure logs do not exist, information from Drill stem tests and kicks have been used. The data has been reported to the NPD, and further processed and quality controlled by IHS Markit.

Document name	Document format	Document size [MB]
4805 Formation pressure (Formasjonstrykk)	pdf	0.21

