

**General information**

Wellbore name	25/8-15 S
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Field	RINGHORNE ØST
Discovery	25/8-14 S
Well name	25/8-15
Seismic location	
Production licence	027
Drilling operator	Esso Exploration and Production Norway A/S
Drill permit	1085-L
Drilling facility	RINGHORNE
Drilling days	26
Entered date	13.07.2004
Completed date	07.08.2004
Plugged date	07.08.2004
Release date	07.08.2006
Publication date	15.12.2006
Purpose - planned	APPRAISAL
Reentry	NO
Content	OIL
Discovery wellbore	NO
1st level with HC, age	EARLY JURASSIC
1st level with HC, formation	STATFJORD GP
Kelly bushing elevation [m]	60.0
Water depth [m]	128.0
Total depth (MD) [m RKB]	4804.0
Final vertical depth (TVD) [m RKB]	2038.0
Maximum inclination [°]	83.2
Oldest penetrated age	EARLY JURASSIC
Oldest penetrated formation	STATFJORD GP
Geodetic datum	ED50
NS degrees	59° 15' 58.13" N
EW degrees	2° 26' 59.53" E
NS UTM [m]	6569969.73



EW UTM [m]	468636.65
UTM zone	31
NPDID wellbore	5000

Wellbore history

General

Well 25/8-15 S was drilled as a dual objective well from the Ringhorne platform. The objective was to first penetrate the Paleocene Zone II reservoir, and then to appraise the Early Jurassic Ringhorne East structure, found oil bearing in the 25/8-14 S well. At the time of drilling the well was called 25/8-C-03, since it was drilled from the Ringhorne platform and had a production well target. After completion it was decided that it would be called 25/8-15 S. The plan for this appraisal well was to take pressures in the Jurassic and to get a good seismic tie for the Jurassic below the Statfjord Formation S5 sand.

Operations and results

Well 25/8-15 S was drilled from the fixed installation Ringhorne platform, slot AD, C-03. It was spudded on July 13 2004 and drilled to 4804 m (2038 m TVD RKB) in the Early Jurassic Statfjord Formation where drilling problems occurred. The end result was that the total bottom hole assembly (BHA), with Gamma Ray, Resistivity, Density, Neutron, Sonic and Tes Trak, was left in hole at 2972 m, before any pressure data or real time Sonic data was acquired. After nine days of working stuck BHA, the Pipeseis Chekshot was run to TD, before the well was plugged back. The well was drilled with seawater down to 312 m, with NaCl/KCl polymer mud from 312 m to 1310 m, and with Versavert oil based mud from 1310 m to TD.

Well 25/8-15 S found Zone II to be thin and below the Paleocene oil/water contact (OWC), so no development wells were prepared for as originally planned. The well found a massive, 14.3 m net pay Jurassic Statfjord sandstone at 4698 m (1985.1 m TVD RKB) The sandstone was oil bearing all through, with no defined OWC. The S5 sand was not penetrated. No cores were cut and no fluid samples taken in the well.

The well was permanently abandoned on 7 August 2004 as an oil appraisal.

Testing

No drill stem test was performed.

Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
3400.0	[m]	DC	RRI
3510.0	[m]	DC	RRI
3620.0	[m]	DC	RRI
3640.0	[m]	DC	RRI
3650.0	[m]	DC	RRI
3720.0	[m]	DC	FUGRO



3760.0 [m]	DC	RRI/FUGR
3790.0 [m]	DC	RRI
3800.0 [m]	DC	FUGRO
3940.0 [m]	DC	RRI
3950.0 [m]	DC	RRI
3990.0 [m]	DC	RRI
4070.0 [m]	DC	RRI
4080.0 [m]	DC	FUGRO
4110.0 [m]	DC	RRI
4120.0 [m]	DC	FUGRO
4140.0 [m]	DC	RRI
4240.0 [m]	DC	RRI
4270.0 [m]	DC	RRI
4280.0 [m]	DC	FUGRO
4320.0 [m]	DC	FUGRO
4350.0 [m]	DC	RRI
4360.0 [m]	DC	FUGRO
4610.0 [m]	DC	RRI
4620.0 [m]	DC	RRI
4630.0 [m]	DC	RRI
4640.0 [m]	DC	RRI
4660.0 [m]	DC	RRI
4670.0 [m]	DC	RRI
4680.0 [m]	DC	RRI
4690.0 [m]	DC	RRI
4700.0 [m]	DC	RRI
4730.0 [m]	DC	RRI
4740.0 [m]	DC	RRI
4750.0 [m]	DC	RRI
4760.0 [m]	DC	RRI
4770.0 [m]	DC	RRI
4780.0 [m]	DC	RRI
4790.0 [m]	DC	RRI

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
189	NORDLAND GP
623	UTSIRA FM



1121	HORDALAND GP
3086	ROGALAND GP
3086	BALDER FM
3347	SELE FM
3822	LISTA FM
4393	SHETLAND GP
4546	DUNLIN GP
4612	CROMER KNOLL GP
4648	VIKING GP
4648	HEATHER FM
4656	DUNLIN GP
4656	BURTON FM
4698	STATFJORD GP

Logs

Log type	Log top depth [m]	Log bottom depth [m]
MWD LWD - GR RES	518	1310
MWD LWD - GR RES NEU DEN APX	1310	4806
VSP GR	622	4771

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	26	305.0	32	307.0	0.00	LOT
SURF.COND.	13 3/8	1306.0	17 1/2	1310.0	1.70	LOT
OPEN HOLE		4804.0	12 1/4	4804.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
564	1.23	18.0		WBM	
1310	0.00			WBM	
2127	1.48	35.0		WBM	
4416	1.48	35.0		WBM	
4624	1.48	35.0		WBM	



4804	1.48	35.0		WBM	
4804	1.48	35.0		WBM	