



General information

Wellbore name	25/8-13
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	25/8-13
Seismic location	ES9403 xline 1935- inline 1644
Production licence	027 B
Drilling operator	Esso Exploration and Production Norway A/S
Drill permit	1023-L
Drilling facility	WEST ALPHA
Drilling days	21
Entered date	31.10.2001
Completed date	20.11.2001
Release date	20.11.2003
Publication date	29.11.2003
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	18.0
Water depth [m]	127.6
Total depth (MD) [m RKB]	2276.0
Final vertical depth (TVD) [m RKB]	2276.0
Oldest penetrated age	EARLY JURASSIC
Oldest penetrated formation	STATFJORD GP
Geodetic datum	ED50
NS degrees	59° 21' 42.3" N
EW degrees	2° 21' 48.1" E
NS UTM [m]	6580659.71
EW UTM [m]	463806.57
UTM zone	31
NPDID wellbore	4438

**Wellbore history****General**

Well 25/8-13 was drilled on Production License 027B, near the Ringhorne and Jotun fields. The primary targets were the Early Paleocene Ty and Heimdal Formation sands.

Operations and results

Wildcat well 25/8-13 was spudded with the semi-submersible installation "West Alpha" on 31 October 2001 and drilled to TD at 2258 m in the Early Jurassic Statfjord Formation. The well was drilled with seawater and bentonite sweeps down to 1038 m and with "Versavert" oil based mud from 1038 m to TD.

The Heimdal Formation sand was not developed in this well. The best reservoir sands were encountered in the Ty Formation from 2099 m to 2182.5 m and in the Statfjord Formation from 2235 m to TD. All reservoir sands in the well were found water bearing. An anomaly on the resistivity logs in the uppermost 3 m of the Ty reservoir section could indicate residual hydrocarbons in this interval, but this is not supported by other data and it is therefore believed that the anomaly is due to mud invasion from the OBM.

Eleven pressure points were successfully collected with a TD MDT logging run in the Paleocene, Jurassic and Triassic. From this data it appears that the massive Ty Fm sands and the Jurassic Vestland Group lie on the same pressure gradient while the Statfjord sands are not in pressure communication, lying on a gradient at about 5 bars higher. No coring (sidewall or conventional) was undertaken in this well. No fluid samples were taken. The well was permanently abandoned on 20 November 2001 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]
1040.00	2276.00

Cuttings available for sampling?	YES
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Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
1830.0	[m]	DC	APT
1850.0	[m]	DC	APT
1904.0	[m]	DC	APT
1910.0	[m]	DC	APT
1920.0	[m]	DC	APT
1930.0	[m]	DC	APT



1960.0	[m]	DC	APT
1970.0	[m]	DC	APT
1980.0	[m]	DC	APT
1990.0	[m]	DC	APT
2000.0	[m]	DC	APT
2010.0	[m]	DC	APT
2020.0	[m]	DC	APT
2030.0	[m]	DC	APT
2040.0	[m]	DC	APT
2045.0	[m]	DC	APT
2051.0	[m]	DC	APT
2054.0	[m]	DC	APT
2063.0	[m]	DC	APT
2069.0	[m]	DC	APT
2075.0	[m]	DC	APT
2081.0	[m]	DC	APT
2090.0	[m]	DC	APT
2093.0	[m]	DC	APT
2096.0	[m]	DC	APT
2099.0	[m]	DC	APT
2102.0	[m]	DC	APT
2117.0	[m]	DC	APT
2140.0	[m]	DC	APT
2170.0	[m]	DC	APT
2180.0	[m]	DC	APT
2190.0	[m]	DC	APT
2200.0	[m]	DC	APT
2210.0	[m]	DC	APT
2220.0	[m]	DC	APT
2230.0	[m]	DC	APT
2240.0	[m]	DC	APT
2260.0	[m]	DC	APT
2276.0	[m]	DC	APT

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
146	NORDLAND GP
499	UTSIRA FM



582	NO FORMAL NAME
656	HORDALAND GP
656	SKADE FM
970	NO FORMAL NAME
1833	ROGALAND GP
1833	BALDER FM
1915	SELE FM
1977	LISTA FM
2073	VÅLE FM
2099	TY FM
2183	VIKING GP
2183	HEATHER FM
2188	VESTLAND GP
2210	DUNLIN GP
2237	STATEFJORD GP

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

Document name	Document format	Document size [MB]
4438 25 8 13 COMPLETION LOG	.pdf	4.42
4438 25 8 13 COMPLETION REPORT	.PDF	0.67

Logs

Log type	Log top depth [m]	Log bottom depth [m]
DSI CSI GR	295	2269
MDT GR	2033	2246
MWD	219	219
MWD - CDR GR	219	1038
MWD - GR CDR CDN8	1038	2101
MWD - GR CDR CDN8	2020	2075
MWD - GR CDR CDN8	2080	2276

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	LOT





SURF.COND.	13 3/8	1030.0	17 1/2	1030.0	1.72	LOT
OPEN HOLE		2276.0	12 1/4	2276.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
219	1.03			WBM	
610	1.03			WBM	
1038	1.03			WBM	
1038	0.00			OBM	
1072	1.32	23.0		OBM	
1997	1.32	26.0		SBM	
2101	1.32	21.0		SBM	
2132	1.32	22.0		SBM	
2276	1.32	22.0		OBM	

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]
4438 Formation pressure (Formasjonstrykk)	pdf	0.22

