General information

Wellbore name	34/10-26
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Field	GULLFAKS
Discovery	34/10-1 Gullfaks
Well name	34/10-26
Seismic location	ST 8488 - 325 SP. 160
Production licence	050
Drilling operator	Den norske stats oljeselskap a.s
Drill permit	489-L
Drilling facility	DEEPSEA BERGEN
Drilling days	9
Entered date	18.10.1985
Completed date	26.10.1985
Release date	26.10.1987
Publication date	21.12.2012
Purpose - planned	APPRAISAL
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	23.0
Water depth [m]	219.0
Total depth (MD) [m RKB]	600.0
Final vertical depth (TVD) [m RKB]	600.0
Maximum inclination [°]	3.3
Bottom hole temperature [°C]	26
Oldest penetrated age	PLIOCENE
Oldest penetrated formation	NORDLAND GP
Geodetic datum	ED50
NS degrees	61° 12' 59.9'' N
EW degrees	2° 16' 23.77'' E
NS UTM [m]	6787296.34
EW UTM [m]	460960.74
UTM zone	31
NPDID wellbore	858

Wellbore history

General

Well 34/10-26 was drilled to test possible shallow gas accumulation in sandstones at the location for the Gullfaks C platform. The targets were several sand layers of Pliocene age. Gas had been indicated on seismic anomalies and logs from other wells in the same field.

Operations and results

Well 34/10 was spudded with the semi-submersible installation Deepsea Bergen on 18 October 1985 and drilled to TD at 600 m in Pliocene sediments in the Nordland Group. A problem with running the 13 3/8" casing caused a day delay, otherwise no significant problem was encountered in the operations. The well was drilled with water based mud.

Top Pliocene was penetrated between 300 and 317 m. A layer of sandy claystone that appeared to contain traces of gas was penetrated from 343 m to 350 m. Below this level the well penetrated two water bearing sand layers without any gas at 355.5 m to 356.5 m and 358.5 m to 360 m.

No cores were cut and no wire line fluid samples were taken. A full set of conventional logs where run. Cuttings samples were taken every 5 m from 320 m to TD.

The well was permanently abandoned on 26 October 1985 4.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
320.00	600.00

Cuttings available for sampling?	YES

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
242	NORDLAND GP

Documents - older Norwegian Offshore Directorate WDSS reports and other related documents

Document name	Document format	Document size [MB]
858_01_WDSS_General_Information	pdf	0.20

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

Document name	Document format	Document size [MB]
858_34_10_26_Completion_log	pdf	0.31
858_34_10_26_Completion_report	pdf	7.67

Logs

Log type	Log top depth [m]	Log bottom depth [m]
ISF LSS MSFL GR	309	596
LDL CNL GR	308	598
MWD	300	600
VSP	280	600

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	309.5	17 1/2	314.0	1.28	LOT
OPEN HOLE		600.0	8 1/2	600.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
314	1.12	11.0	6.3	WATER BASED	22.10.1985
507	1.12	11.0	9.0	WATER BASED	23.10.1985
600	1.14	11.0	6.0	WATER BASED	28.10.1985