

General information

Wellbore name	34/10-28
Type	EXPLORATION
Purpose	APPRAISAL
Status	JUNKED
Factmaps in new window	link to map
Main area	NORTH SEA
Field	GULLFAKS SØR
Discovery	34/10-2 Gullfaks Sør
Well name	34/10-28
Seismic location	LINE 170 CDP 405 (3D-SURVEY)
Production licence	050
Drilling operator	Den norske stats oljeselskap a.s
Drill permit	498-L
Drilling facility	DYVI STENA
Drilling days	15
Entered date	02.01.1986
Completed date	16.01.1986
Release date	16.01.1988
Publication date	21.12.2012
Purpose - planned	APPRAISAL
Reentry	NO
Content	NOT APPLICABLE
Discovery wellbore	NO
1st level with HC, age	PLIOCENE
1st level with HC, formation	NORDLAND GP
Kelly bushing elevation [m]	25.0
Water depth [m]	133.0
Total depth (MD) [m RKB]	528.0
Final vertical depth (TVD) [m RKB]	528.0
Maximum inclination [°]	0.5
Oldest penetrated age	PLIOCENE
Oldest penetrated formation	NORDLAND GP
Geodetic datum	ED50
NS degrees	61° 6' 31.99" N
EW degrees	2° 15' 23.72" E
NS UTM [m]	6775304.14
EW UTM [m]	459928.28
UTM zone	31
NPDID wellbore	872

Wellbore history**General**

Well 34/10-28 was drilled on the fourth well drilled on Gullfaks South. It was drilled in the north-eastern part of the Alpha structure, and the primary objectives were to test for hydrocarbons in the Middle Jurassic Brent Group and the Early Jurassic Staffjord Formation. The Early Jurassic Cook Formation, water bearing in the other wells on the Gullfaks South, was a secondary objective.

Operations and results

Appraisal well 34/10-28 was spudded with the semi-submersible installation Dyvi Stena on 2 January 1986. When running the BOP, after having set the 20" casing, the guide posts were damaged and the well was abandoned with TD at 528 m in Pliocene sediments in the Nordland Group. The well was drilled with water based mud.

Top Pliocene was encountered at 290 m. Shallow gas was found in a sand at 332 - 339 m. Otherwise the drilled section contained clay and only minor sand stringers.

No cores were cut and no fluid samples were taken. Only MWD logs were run. Cuttings samples were taken every 10 m from 260 m to TD.

The well was permanently abandoned on 16 January 1986.

Testing

No drill stem test was performed.

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
250.00	510.00

Cuttings available for sampling?	YES
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Lithostratigraphy

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

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

Document name	Document format	Document size [MB]
872_34_10_28_Completion_log	pdf	0.33
872_34_10_28_Completion_report	pdf	4.07

Logs

Log type	Log top depth [m]	Log bottom depth [m]
DLWD	257	524

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	257.0	36	257.0	0.00	LOT
SURF.COND.	20	318.0	26	528.0	0.00	LOT

