



General information

Wellbore name	30/3-8 S
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Field	VESLEFRIKK
Discovery	30/3-2 Veslefrikk
Well name	30/3-8
Seismic location	Inline 321& crossline 639
Production licence	052
Drilling operator	Den norske stats oljeselskap a.s
Drill permit	970-L
Drilling facility	VESLEFRIKK A
Drilling days	41
Entered date	25.03.2000
Completed date	04.05.2000
Release date	04.05.2002
Publication date	06.01.2014
Purpose - planned	APPRAISAL
Reentry	NO
Content	OIL SHOWS
Discovery wellbore	NO
Kelly bushing elevation [m]	56.0
Water depth [m]	175.0
Total depth (MD) [m RKB]	5120.0
Final vertical depth (TVD) [m RKB]	3344.0
Maximum inclination [°]	73
Oldest penetrated age	EARLY JURASSIC
Oldest penetrated formation	DRAKE FM
Geodetic datum	ED50
NS degrees	60° 46' 57.87" N
EW degrees	2° 53' 52.27" E
NS UTM [m]	6738752.12
EW UTM [m]	494437.31
UTM zone	31
NPDID wellbore	3899



Wellbore history

General

Well 30/3-8 S was drilled as an appraisal well on the Veslefrikk Field on the northern part of the Brage Horst in the North Sea. Well 30/3-8 S was planned as a pilot for a geologic sidetrack, well 30/3-8 A. The primary objective of 30/3-8 S was to evaluate the structural model/complexity of the Middle - Early Jurassic Brent and Dunlin Groups, and to gather as much information as possible about stratigraphy, fluid phases and contacts before drilling the 30/3-8 A.

Operations and results

Appraisal well 30/3-8 S was spudded on 25 March 2000 through slot 7 on the Veslefrikk A platform. It was drilled deviated from kick-off at 1594 m to TD at 5120 m in Dunlin Group sandstone. Maximum deviation was 73 deg. When pulling out from 4500 m the drill string stuck at 4499 m in a fault. The circulation was also lost for a while but was regained later. The string was cut by string shot, leaving a 238 m long fish that was cemented in the hole. The well was drilled with Glydril mud from kick-off to 2864 m, and with Versavert oil based mud from 2864 m to TD.

Top of reservoir, Brent Group, was found at 4094 m (2948.5 m TVD). A complex faulted sequence followed with Brent and Dunlin Groups penetrated three times. The upper of these Brent-Dunlin sequences contained a complete Brent Group, with residual hydrocarbons down to 4306 m (3016 m TVD), 54 m TVD deeper than the OWC in the Oseberg Formation in the main Veslefrikk field. Otherwise the 30/3-8 S well bore was water bearing.

No cores were cut. No wire line loges were run in the well and no wire line fluid samples were taken.

The well was plugged back on 4 May 2000 for sidetracking of 30/3-8 A. Well 30/3-8 S is classified as a dry well.

Testing

No drill stem test was performed.

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
231	NORDLAND GP
2596	ROGALAND GP
2596	BALDER FM
2714	SELE FM
2751	LISTA FM
3001	SHETLAND GP
4034	CROMER KNOLL GP
4053	VIKING GP



4053	DRAUPNE FM
4054	HEATHER FM
4095	BRENT GP
4095	TARBERT FM
4100	NESS FM
4218	ETIVE FM
4243	RANNOCH FM
4256	OSEBERG FM
4486	DUNLIN GP
4486	DRAKE FM
4488	OSEBERG FM
4554	DUNLIN GP
4554	DRAKE FM
4752	BRENT GP
4752	NESS FM
4780	ETIVE FM
4791	RANNOCH FM
4797	NESS FM
4827	DUNLIN GP
4827	DRAKE FM

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

Document name	Document format	Document size [MB]
3899_30_3_8_S_COMPLETION_LOG	.pdf	0.89
3899_30_3_8_S_COMPLETION_REPORT	.pdf	5.59

Logs

Log type	Log top depth [m]	Log bottom depth [m]
GR MPR	3523	5120

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	468.0	28 3/4	468.0	1.32	LOT
SURF.COND.	20	1594.0	24	1598.0	1.72	LOT





INTERM.	13 3/8	2860.0	17 1/2	2864.0	1.75	LOT
OPEN HOLE		5120.0	12 1/4	5120.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
1620	1.39	25.0		GLYDRIL MC	
2476	1.55	31.0		GLYDRIL MC	
2726	1.54	29.0		GLYDRIL MC	
2864	1.55	32.0		GLYDRIL MC	
3535	1.45	32.0		VERSAVERT	
3940	1.60	60.0		VERSAVERT	
3940	1.58	36.0		VERSAVERT	
4096	1.60	61.0		VERSAVERT	
5120	1.60	56.0		VERSAVERT	