



General information





Wellbore name	25/1-8 SR3
Type	EXPLORATION
Purpose	APPRAISAL
Status	SUSPENDED
Factmaps in new window	link to map
Main area	NORTH SEA
Field	FRIGG
Discovery	25/1-1 Frigg
Well name	25/1-8
Seismic location	L 73-59-54 SP.1105
Production licence	024
Drilling operator	Elf Petroleum Norge AS
Drill permit	466-L4
Drilling facility	WEST VANGUARD
Drilling days	6
Entered date	01.04.1989
Completed date	06.04.1989
Release date	06.04.1991
Publication date	30.09.2011
Purpose - planned	APPRAISAL
Reentry	YES
Reentry activity	LOGGING
Content	GAS
Discovery wellbore	NO
1st level with HC, age	EOCENE
1st level with HC, formation	FRIGG FM
Kelly bushing elevation [m]	22.0
Water depth [m]	102.0
Total depth (MD) [m RKB]	2647.0
Final vertical depth (TVD) [m RKB]	2569.0
Oldest penetrated age	PALEOCENE
Oldest penetrated formation	LISTA FM
Geodetic datum	ED50
NS degrees	59° 54' 3.28" N
EW degrees	2° 6' 9.79" E
NS UTM [m]	6640871.09
EW UTM [m]	449800.69
UTM zone	31
NPDID wellbore	1396



Wellbore history

General

The Frigg Field was discovered by well 25/1-1 in 1971 and set in production in May 1977. Well 25/1-8 S was drilled in the summer of 1985 to monitor changes in gas/fluid contact, uncover permeability barriers and pressure gradients in the Frigg Formation, refine the geological model, and provide ties for seismic interpretations. Before production started the Frigg Field fluid contacts were: OWC = 1955.9 m TVD MSL and GOC = 1948.2 m TVD MSL. In July 1985 in 25/1-8 S found the oil-leg to be all swept with the exception of a very thin oil-layer lifted to 1903.5 m TVD MSL, 2 m below the new gas/liquid contact, which was now a gas/water contact (GWC) at 1901.3 m TVD MSL. The objective of the third re-entry well 25/1-8 SR3 was to monitor further changes in the GWC.

Operations and results

Appraisal well 25/1-8 S was re-entered (25/1-8 SR3) with the semi-submersible installation West Vanguard on 1 April 1989.

The GWC was found at 1897.5 m TVD MSL, the same as in 25/1-8 SR2. This was a similar situation as in well 25/1-7 and corresponding re-entries ca 2.5 km to the north. It showed that gas drainage was blocked by shale barriers over large areas in the central parts of the field.

No cores were cut and no wire line fluid samples were taken.

The well was suspended on 6 April 1989 for later re-entry and monitoring of the reservoir parameters. It is classified as a gas appraisal well.

Testing

No drill stem test was performed.

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
124	NORDLAND GP
731	HORDALAND GP
1927	FRIGG FM
2229	ROGALAND GP
2229	BALDER FM
2234	INTRA BALDER FM SS
2247	BALDER FM
2326	HERMOD FM
2529	LISTA FM

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

Document name	Document format	Document size [MB]
1396_25_1_8_SR3_Completion_report	pdf	3.52

Logs

Log type	Log top depth [m]	Log bottom depth [m]
BRIDGE PLUG	370	370

