

**General information**

Wellbore name	25/1-8 SR4
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
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-L5
Drilling facility	WEST VANGUARD
Drilling days	12
Entered date	03.04.1991
Completed date	14.04.1991
Plugged and abandon date	14.04.1991
Release date	14.04.1993
Publication date	30.09.2011
Purpose - planned	APPRAISAL
Reentry	YES
Reentry activity	PLUGGING
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	1644

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 fourth re-entry well 25/1-8 SR4 was to monitor further changes in the GWC and to permanently plug and abandon the well.

Operations and results

Appraisal well 25/1-8 S was re-entered (25/1-8 SR4) with the semi-submersible installation West Vanguard on 3 April 1991.

The GWC was found at 1897.5 m TVD MSL, the same as in 25/1-8 SR3. This showed 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. The RFT was run, and 6 pressure points were taken but no fluid samples.

The well was permanently abandoned on 14 April 1991 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]
1644 25 1 8 SR4 Completion report	pdf	5.10

Logs

Log type	Log top depth [m]	Log bottom depth [m]
BRIDGE PLUG	1786	1786
RFT	1942	2120
TDT-P	1920	2110
TDT-P	1925	2139

