



Generell informasjon

Brønnbane navn	25/1-8 SR4
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	FRIGG
Funn	25/1-1 Frigg
Brønn navn	25/1-8
Seismisk lokalisering	L 73-59-54 SP.1105
Utvinningstillatelse	024
Boreoperatør	Elf Petroleum Norge AS
Boretillatelse	466-L5
Boreinnretning	WEST VANGUARD
Boredager	12
Borestart	03.04.1991
Boreslutt	14.04.1991
Plugget og forlatt dato	14.04.1991
Frigitt dato	14.04.1993
Publiseringsdato	30.09.2011
Opprinnelig formål	APPRAISAL
Gjenåpnet	YES
Årsak til gjenåpning	PLUGGING
Innhold	GAS
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	EOCENE
1. nivå med hydrokarboner, formasjon.	FRIGG FM
Avstand, boredekk - midlere havflate [m]	22.0
Vanndybde ved midlere havflate [m]	102.0
Totalt målt dybde (MD) [m RKB]	2647.0
Totalt vertikalt dybde (TVD) [m RKB]	2569.0
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	LISTA FM
Geodetisk datum	ED50
NS grader	59° 54' 3.28" N
ØV grader	2° 6' 9.79" E



NS UTM [m]	6640871.09
ØV UTM [m]	449800.69
UTM sone	31
NPDID for brønnbanen	1644

Brønnhistorie

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.

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
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

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
1644_25_1_8_SR4_Completion_report	pdf	5.10

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
BRIDGE PLUG	1786	1786
RFT	1942	2120
TDT-P	1920	2110
TDT-P	1925	2139

