



Generell informasjon

Brønnbane navn	25/1-7 R4
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	25/1-7
Seismisk lokalisering	73/0205 SP.660 AND 73/F11 SP.57.5
Utvinningstillatelse	024
Boreoperatør	Elf Petroleum Norge AS
Boretillatelse	455-L5
Boreinnretning	WEST VANGUARD
Boredager	9
Borestart	28.03.1990
Boreslutt	05.04.1990
Plugget og forlatt dato	05.04.1990
Frigitt dato	05.04.1992
Publiseringsdato	10.01.2010
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]	101.0
Totalt målt dybde (MD) [m RKB]	2716.0
Totalt vertikalt dybde (TVD) [m RKB]	2715.0
Maks inklinasjon [°]	3.7
Eldste penetrerte alder	LATE CRETACEOUS
Eldste penetrerte formasjon	JORSALFARE FM
Geodetisk datum	ED50
NS grader	59° 55' 8.28" N



ØV grader	2° 4' 52.33" E
NS UTM [m]	6642898.34
ØV UTM [m]	448624.87
UTM sone	31
NPDID for brønnbanen	1534

Brønnhistorie

General

Well 25/1-7 was drilled on the main Frigg structure close to the UK border. The Frigg Field was discovered by well 25/1-1 in 1971. Production from the field started in 1977. A main objective of well 25/1-7 was to establish a reference monitoring station for the production of gas from the Frigg Field. The 25/1-7 R4 was the fourth and last re-entry of the well. The purpose was to log the fluid contacts, and to perform permanent plugging and abandonment.

Operations and results

Appraisal well 25/1-7 R4 was connected and re-entered with the semi-submersible installation West Vanguard on 28 March 1990.

The well was logged (2054.5 - 1913 m) through casing with a Thermal Neutron Decay (TDT) log to determine the fluid contacts. The gas/water contact was found at 1912.2 m MSL, an 8.0 m rise of the water level since April 1989, and a 35.8 m total rise compared to the Frigg pre-production gas/oil contact in the area. A cased hole RFT run was also performed, and the pressure was measured at 1897.2 m, 1919.2 m, 1932.2 m, and at 1961.2 m.

The well was permanently abandoned on 5 April 1990 as a gas appraisal well.

Testing

No drill stem test was performed.

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
123	NORDLAND GP
743	HORDALAND GP
1916	FRIGG FM
2177	ROGALAND GP
2177	BALDER FM
2182	INTRA BALDER FM SS
2212	BALDER FM
2287	HERMOD FM
2436	LISTA FM



2677	VÅLE FM
2707	SHETLAND GP
2707	JORSALFARE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
TDT GR	1913	2964