



Generell informasjon

Brønnbane navn	25/1-7 R2
Type	EXPLORATION
Formål	APPRAISAL
Status	SUSPENDED
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-L3
Boreinnretning	WEST VANGUARD
Boredager	4
Borestart	07.05.1988
Boreslutt	10.05.1988
Frigitt dato	10.05.1990
Publiseringsdato	10.01.2010
Opprinnelig formål	APPRAISAL
Gjenåpnet	YES
Årsak til gjenåpning	LOGGING
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	1279

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 objective of the re-entry 25/1-7 R2 was to record the fluid contacts.

Operations and results

Semi-submersible installation West Vanguard arrived the 25/1-7 location on 3 May 1988. Three days were spent on repairing damage on the ROV and clearing off fishing net that was entangled in a rail nearby the well head. Appraisal well 25/1-7 R2 was connected and re-entered on 7 May 1988.

The well was logged (2050 - 1910 m) through casing with a Thermal Neutron Decay (TDT) log to determine the fluid contacts. The contacts found were: base of gas at 1925.4 m MSL, and top of highest water at 1930.2 MSL. No oil leg was observed. From this it was concluded: 1) the gas liquid contact has risen 1.8-3.6 m since 14 February 1987, and 22.6 m since pre-production level (1948.0 m MSL reference). This, compared with 11 m rise in the period 19 April 1985 to 14 February 1987, shows that the water rise is temporarily blocked by shale barriers; 2) The vertical sweep efficiency by water is 100%, which means that all gas-filled sands behind the front are swept.

The well was suspended on 10 May 1988 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