



Generell informasjon

Brønnbane navn	30/6-26
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	OSEBERG
Funn	30/6-26 (Gamma Vest)
Brønn navn	30/6-26
Seismisk lokalisering	NH9201R98-inline 842 & xline 1266
Utvinningstillatelse	053
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	1014-L
Boreinnretning	TRANSOCEAN ARCTIC
Boredager	23
Borestart	15.09.2001
Boreslutt	07.10.2001
Frigitt dato	07.10.2003
Publiseringsdato	24.01.2014
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	OIL/GAS
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	EARLY JURASSIC
1. nivå med hydrokarboner, formasjon.	STATFJORD GP
Avstand, boredekk - midlere havflate [m]	24.0
Vanndybde ved midlere havflate [m]	108.5
Totalt målt dybde (MD) [m RKB]	2865.0
Totalt vertikalt dybde (TVD) [m RKB]	2860.0
Maks inklinasjon [°]	10.8
Temperatur ved bunn av brønnbanen [°C]	80
Eldste penetrerte alder	EARLY JURASSIC
Eldste penetrerte formasjon	STATFJORD GP
Geodetisk datum	ED50



NS grader	60° 31' 39.7" N
ØV grader	2° 42' 37.61" E
NS UTM [m]	6710374.68
ØV UTM [m]	484106.55
UTM sone	31
NPDID for brønnbanen	4416

Brønnhistorie

General

Well 30/6-26 was drilled on the Gamma West structure on the western flank of the Oseberg Field in the North Sea. The purpose of the well was to prove oil and gas in the Early Jurassic Statfjord Group.

Operations and results

Wildcat well 30/6-26 was spudded with the semi-submersible installation Transocean Arctic on 15 September 2001 and drilled to TD at 2865 m in the Early Jurassic Statfjord Group. The well is classified as vertical, but from 300 to 800 m in the 17 1/2" section the deviation from vertical was up to 10.8 deg. Due to this the measured depth below 800 m is ca 5.5 m short of vertical depth. The well was drilled with sea water and hi-vis pills down to 1212 m and with Versavert oil based mud from 1212 m to TD.

Top Statfjord Group was encountered at 2668 m. A 29 m gas column and a 43 m oil column were proven in the Upper Statfjord Group. The gas-oil-contact is interpreted at 2697 m (2692 m TVD) and the oil-water contact at 2741 m (2735 m TVD). The oil-bearing part of the Statfjord Formation has excellent reservoir properties. The oil zone is divided in two parts by a marine shale, which represents a ca 1.2 bar pressure barrier in the oil zone penetrated by the well. The Lower Statfjord Formation was water-bearing. Fluid samples confirmed the fluid types. No oil shows were described outside of the petroleum-bearing reservoir.

One 28 m core was cut in the Upper Statfjord Formation from 2690 to 2718 m, with 98.9% recovery. The MDT wire line tool was used for formation pressure testing and fluid sampling. Twenty-five good pressure points were acquired. Fluid sampling was performed at 2772 m (water), 2735 m (oil), 2716 m (oil) and 2669 m (gas).

The well was permanently abandoned on 7 October 2001 as a gas and oil discovery.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1250.00	2865.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	2690.0	2717.7	[m]

Total kjerneprøve lengde [m]	27.7
Kjerner tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
132	NORDLAND GP
623	UTSIRA FM
897	HORDALAND GP
956	SKADE FM
984	NO FORMAL NAME
1069	NO FORMAL NAME
2006	ROGALAND GP
2006	BALDER FM
2100	SELE FM
2182	LISTA FM
2292	VÅLE FM
2307	SHETLAND GP
2307	HARDRÅDE FM
2431	KYRRE FM
2598	DUNLIN GP
2598	AMUNDSEN FM
2669	STATFJORD GP

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
4416_30_6_26_COMPLETION_LOG	.pdf	7.54
4416_30_6_26_COMPLETION_REPORT	.pdf	1.31





Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
GR DSI VSP	2100	2860
GR MDT	2669	2857
GR MDT	2716	2735
MWD - DIR	132	196
MWD - GR RES DIR	196	2636
MWD - GR RES NEU DEN DIR	2636	2865

Foringsrør og formasjonsstyrketester

Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm3]	Type formasjonstest
CONDUCTOR	30	193.0	36	193.0	0.00	LOT
SURF.COND.	13 3/8	1217.0	17 1/2	1223.0	1.70	LOT
INTERM.	9 5/8	2631.0	12 1/4	2636.0	1.50	LOT
OPEN HOLE		2865.0	8 1/2	2865.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
194	1.08			water based	
195	1.08	39.0		water based	
356	1.36	31.0		oil based	
1020	1.08	38.0		water based	
1223	1.39	20.0		water based	
2015	1.45	28.0		oil based	
2567	1.36	31.0		oil based	
2620	1.45	32.0		oil based	
2636	1.50	36.0		oil based	
2636	1.50	37.0		oil based	
2690	1.35	23.0		oil based	
2744	1.35	23.0		oil based	
2865	1.35	24.0		oil based	
2865	0.00			oil based	
2865	1.35	24.0		oil based	



Trykkplott

Porertrykksdataene kommer fra logging i brønnen hvis ingen annen kilde er oppgitt. I noen brønner der trykk ikke er logget, er det brukt informasjon fra formasjonstester eller brønnspark. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

Dokument navn	Dokument format	Dokument størrelse [KB]
4416 Formation pressure (Formasjonstrykk)	pdf	0.23

