



Generell informasjon





Brønnbane navn	34/7-32
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	34/7-32
Seismisk lokalisering	SG 9701 4240/6554
Utvinningstillatelse	089
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	1015-L
Boreinnretning	BYFORD DOLPHIN
Boredager	19
Borestart	09.10.2001
Boreslutt	27.10.2001
Frigitt dato	27.10.2003
Publiseringsdato	06.01.2014
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	297.0
Totalt målt dybde (MD) [m RKB]	2651.0
Totalt vertikalt dybde (TVD) [m RKB]	2651.0
Maks inklinasjon [°]	1.2
Temperatur ved bunn av brønnbanen [°C]	79
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	DRAKE FM
Geodetisk datum	ED50
NS grader	61° 26' 50.26" N
ØV grader	2° 3' 16.19" E
NS UTM [m]	6813138.62
ØV UTM [m]	449581.05
UTM sone	31
NPDID for brønnbanen	4423



Brønnhistorie

General

Well 34/7-32 was drilled on the Xenon structure on Tampen Spur ca 2 km west of the Snorre Field in the North Sea. The objective was to test the hydrocarbon potential in the Middle Jurassic Brent Group. The well was planned and drilled as a "smart well" i.e. with a reduced data acquisition programme if dry.

Operations and results

Wildcat well 34/7-32 was spudded with the semi-submersible installation on 9 October 2001 and drilled to TD at 2651 m in Middle Jurassic rocks of the Drake Formation. A 17 1/2" pilot hole was drilled from 384 m to 700 m to check for shallow gas. No shallow gas was observed. The well was drilled with sea water and hi-vis pills down to 1385 m and with Versavert oil based mud from 1385 m to TD. No significant problem was encountered in the operations. Total rig time from spud to P&A was 20 days, including two days wait-on-weather.

The sandstones in the Brent Group proved to be water bearing, with a water gradient of 1.00 g/cm³. No shows were observed.

No cores were cut. Wire line logging consisted of one run (MDT-GR-ECRD) from 2616 m to 2538 m. Seven pressure points were acquired, no fluid sample was taken.

The well was permanently abandoned on 27 October 2001 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1390.00	2649.00

Borekaks tilgjengelig for prøvetaking?	YES
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Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
1390.0	[m]	DC	RRI
1410.0	[m]	DC	RRI
1430.0	[m]	DC	RRI
1450.0	[m]	DC	RRI
1470.0	[m]	DC	RRI
1490.0	[m]	DC	RRI



1510.0 [m]	DC	RRI
1530.0 [m]	DC	RRI
1550.0 [m]	DC	RRI
1570.0 [m]	DC	RRI
1590.0 [m]	DC	RRI
1610.0 [m]	DC	RRI
1630.0 [m]	DC	RRI
1650.0 [m]	DC	RRI
1670.0 [m]	DC	RRI
1690.0 [m]	DC	RRI
1710.0 [m]	DC	RRI
1730.0 [m]	DC	RRI
1750.0 [m]	DC	RRI
1770.0 [m]	DC	RRI
1790.0 [m]	DC	RRI
1810.0 [m]	DC	RRI
1830.0 [m]	DC	RRI
1850.0 [m]	DC	RRI
1870.0 [m]	DC	RRI
1890.0 [m]	DC	RRI
1910.0 [m]	DC	RRI
1930.0 [m]	DC	RRI
1950.0 [m]	DC	RRI
1970.0 [m]	DC	RRI
1990.0 [m]	DC	RRI
2010.0 [m]	DC	RRI
2030.0 [m]	DC	RRI
2050.0 [m]	DC	RRI
2070.0 [m]	DC	RRI
2090.0 [m]	DC	RRI
2110.0 [m]	DC	RRI
2130.0 [m]	DC	RRI
2170.0 [m]	DC	RRI
2190.0 [m]	DC	RRI
2210.0 [m]	DC	RRI
2230.0 [m]	DC	RRI
2250.0 [m]	DC	RRI
2270.0 [m]	DC	RRI
2290.0 [m]	DC	RRI
2310.0 [m]	DC	RRI



2330.0	[m]	DC	RRI
2350.0	[m]	DC	RRI
2370.0	[m]	DC	RRI
2390.0	[m]	DC	RRI
2410.0	[m]	DC	RRI
2430.0	[m]	DC	RRI
2451.0	[m]	DC	RRI
2454.0	[m]	DC	RRI
2457.0	[m]	DC	RRI
2460.0	[m]	DC	RRI
2463.0	[m]	DC	RRI
2466.0	[m]	DC	RRI
2469.0	[m]	DC	RRI
2472.0	[m]	DC	RRI
2475.0	[m]	DC	RRI
2478.0	[m]	DC	RRI
2481.0	[m]	DC	RRI
2484.0	[m]	DC	RRI
2487.0	[m]	DC	RRI
2490.0	[m]	DC	RRI
2493.0	[m]	DC	RRI
2496.0	[m]	DC	RRI
2499.0	[m]	DC	RRI
2502.0	[m]	DC	RRI
2505.0	[m]	DC	RRI
2508.0	[m]	DC	RRI
2511.0	[m]	DC	RRI
2514.0	[m]	DC	RRI
2517.0	[m]	DC	RRI
2520.0	[m]	DC	RRI
2523.0	[m]	DC	RRI
2526.0	[m]	DC	RRI
2529.0	[m]	DC	RRI
2532.0	[m]	DC	RRI
2535.0	[m]	DC	RRI
2538.0	[m]	DC	RRI
2541.0	[m]	DC	RRI
2544.0	[m]	DC	RRI
2547.0	[m]	DC	RRI
2550.0	[m]	DC	RRI



2553.0 [m]	DC	RRI
2556.0 [m]	DC	RRI
2559.0 [m]	DC	RRI
2562.0 [m]	DC	RRI
2568.0 [m]	DC	RRI
2571.0 [m]	DC	RRI
2574.0 [m]	DC	RRI
2577.0 [m]	DC	RRI
2580.0 [m]	DC	RRI
2583.0 [m]	DC	RRI
2586.0 [m]	DC	RRI
2589.0 [m]	DC	RRI
2592.0 [m]	DC	RRI
2595.0 [m]	DC	RRI
2598.0 [m]	DC	RRI
2601.0 [m]	DC	RRI
2604.0 [m]	DC	RRI
2607.0 [m]	DC	RRI
2610.0 [m]	DC	RRI
2613.0 [m]	DC	RRI
2616.0 [m]	DC	RRI
2619.0 [m]	DC	RRI
2622.0 [m]	DC	RRI
2625.0 [m]	DC	RRI
2628.0 [m]	DC	RRI
2631.0 [m]	DC	RRI
2634.0 [m]	DC	RRI
2637.0 [m]	DC	RRI
2640.0 [m]	DC	RRI
2643.0 [m]	DC	RRI
2646.0 [m]	DC	RRI
2649.0 [m]	DC	RRI

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
322	NORDLAND GP
1090	UTSIRA FM
1102	HORDALAND GP



1689	ROGALAND GP
1689	BALDER FM
1732	SELE FM
1871	SHETLAND GP
2527	CROMER KNOLL GP
2527	MIME FM
2535	BRENT GP
2535	ETIVE FM
2557	RANNOCH FM
2636	DUNLIN GP
2636	DRAKE FM

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
4423 34 7 32 COMPLETION LOG	.pdf	6.27
4423 34 7 32 COMPLETION REPORT	.PDF	0.89

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MDT GR ECRD	2538	2616
MWD - MPR LITE	378	2651

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	381.0	36	384.0	0.00	LOT
PILOT HOLE		700.0	9 5/8	700.0	0.00	LOT
SURF.COND.	13 3/8	1378.0	17 1/2	1385.0	1.62	LOT
OPEN HOLE		2651.0	9 1/2	2651.0	0.00	LOT

Boreslam





Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
381	1.03			CMC/SEAWATER	
700	1.03			CMC/SEAWATER	
962	1.03			BENTONITE/FW	
1385	1.25			BENTONITE/FW	
2535	1.48	27.0		VERSAVERT	
2651	1.48	27.0		VERSAVERT	

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]
4423 Formation pressure (Formasjonstrykk)	pdf	0.22

