Generell informasjon

Brønnbane navn	33/9-22 S
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	33/9-22
Seismisk lokalisering	
Utvinningstillatelse	881
Boreoperatør	Wellesley Petroleum AS
Boretillatelse	1670-L
Boreinnretning	DEEPSEA BERGEN
Boredager	23
Borestart	26.08.2017
Boreslutt	17.09.2017
Frigitt dato	17.09.2019
Publiseringsdato	17.09.2019
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	226.5
Totalt målt dybde (MD) [m RKB]	2730.0
Totalt vertikalt dybde (TVD) [m RKB]	2715.0
Maks inklinasjon [°]	14.8
Eldste penetrerte alder	LATE JURASSIC
Eldste penetrerte formasjon	DRAUPNE FM
Geodetisk datum	ED50
NS grader	61° 23' 8.77'' N
ØV grader	1° 57' 34.27'' E
NS UTM [m]	6806362.68
ØV UTM [m]	444407.35
UTM sone	31
NPDID for brønnbanen	8248

Brønnhistorie

General

Well 33/9-22 S was drilled to test the Goanna prospect on the Tampen Spur between the Snorre and Statfjord fields in the North Sea. The primary objective was to test the hydrocarbon potential in Late Jurassic Intra-Draupne Formation sandstone. A secondary objective was to test possible hydrocarbon bearing sandstone in the Paleocene Heimdal Formation.

Operations and results

Wildcat well 33/9-22 S was spudded with the semi-submersible installation Deepsea Bergen on 26 August 2017 and drilled to TD at 2730 m (2715 m TVD) m in the Late Jurassic Draupne Formation. Operations proceeded without significant problems. The well was drilled with seawater and bentonite sweeps down to 1102 m, and with Innovert NS oil-based mud from 1102 m down to TD.

The Heimdal Formation sandstone was penetrated from 1858 to 1897 m and the Intra Draupne Formation sandstone from 2672 to 2721 m. Both targets were dry without shows.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 17 September as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1120.00	2729.00

Borekaks tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
250	NORDLAND GP
900	UTSIRA FM
993	HORDALAND GP
1225	SKADE FM
1296	HORDALAND GP
1352	GRID FM

1373	HORDALAND GP
1675	ROGALAND GP
1675	BALDER FM
1744	LISTA FM
1858	HEIMDAL FM
1897	LISTA FM
1918	VÅLE FM
1936	SHETLAND GP
1936	JORSALFARE FM
2201	KYRRE FM
2622	TRYGGVASON FM
2644	CROMER KNOLL GP
2644	RØDBY FM
2651	ÅSGARD FM
2660	MIME FM
2669	VIKING GP
2669	DRAUPNE FM
2672	INTRA DRAUPNE FM SS
2721	DRAUPNE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - DIR	249	316
LWD - GR RES PWD DIR	316	1102
LWD - GR RES PWD DIR SON	316	1102
LWD - RES GR PWD DEN NEU DIR SON	2524	2730
LWD - RES GR PWD DIR SON	1102	2524

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	316.0	36	316.0	0.00	
INTERM.	13 3/8	1096.0	17 1/2	1102.0	0.00	
PILOT HOLE		1102.0	9 5/8	1102.0	0.00	
		1105.0		0.0	1.65	FIT
INTERM.	9 5/8	2517.3	12 1/2	2524.0	1.81	FIT

OPEN HOLE		2730.0	8 1/2	2730.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
249	1.02	1.0		SW with vi-vis pills	
1162	1.43	18.0		INNOVERT NS	
1945	1.44	18.0		INNOVERT NS	
2524	1.44	21.0		INNOVERT NS	
2724	1.54	22.0		INNOVERT NS	
2730	1.44	17.0		INNOVERT NS	
2730	1.54	22.0		INNOVERT NS	