



Generell informasjon

Brønnbane navn	15/6-15
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	15/6-15
Seismisk lokalisering	LIne ABP 18302-02-02109 SP1210
Utvinningstillatelse	814
Boreoperatør	Aker BP ASA
Boretillatelse	1762-L
Boreinnretning	DEEPSEA STAVANGER
Boredager	16
Borestart	18.05.2019
Boreslutt	02.06.2019
Plugget og forlatt dato	02.06.2019
Frigitt dato	19.03.2021
Publiseringsdato	30.04.2021
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	30.0
Vanndybde ved midlere havflate [m]	109.0
Totalt målt dybde (MD) [m RKB]	3795.0
Eldste penetrerte alder	TRIASSIC
Eldste penetrerte formasjon	SKAGERRAK FM
Geodetisk datum	ED50
NS grader	58° 40' 35.66" N
ØV grader	1° 52' 21.58" E
NS UTM [m]	6504737.76
ØV UTM [m]	434624.12
UTM sone	31
NPDID for brønnbanen	8746



Brønnhistorie

Well 15/6-15 was drilled to test the Freke-Garm prospect on the Gudrun Terrace in the North Sea. The primary objective was to test the hydrocarbon potential in the Middle Jurassic Hugin and Sleipner formations. The secondary objective was to test the Triassic Skagerrak Formation.

Operations and results

An 8 ½" pilot hole 15-6/U-5 was drilled 1390 m MD. The pilot was drilled in parallel with the main bore. No shallow gas was observed.

Wildcat well 15/6-15 was spudded with the semi-submersible installation Deepsea Stavanger on 18 May 2019 and drilled to TD at 3795 m in the Triassic Skagerrak Formation. Operations proceeded without significant problems. The well was drilled with seawater and hi-vis pills down to 1377 m, with KCl-polymer mud from 1377 m to 3033 m and with Innovert oil-based mud from 3033 m to TD.

Well 15/6-15 encountered the Sleipner Formation with a thickness of about 124 meters, of which 45 meters were reservoir sands of good to moderate reservoir quality. The Skagerrak Formation was encountered with a thickness of about 150 meters, of which 16 meters were reservoir sands with poor reservoir quality. The well is dry without shows

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 2 June 2019 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1380.00	3795.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
141	NORDLAND GP
753	UTSIRA FM
1033	HORDALAND GP
1033	UNDIFFERENTIATED
1340	SKADE FM
1354	UNDIFFERENTIATED
1812	GRID FM



2035	UNDIFFERENTIATED
2263	ROGALAND GP
2263	BALDER FM
2331	SELE FM
2400	LISTA FM
2634	VÅLE FM
2714	SHETLAND GP
2714	EKOFISK FM
2768	TOR FM
2982	HOD FM
3233	BLODØKS FM
3274	SVARTE FM
3301	CROMER KNOLL GP
3301	RØDBY FM
3389	VIKING GP
3389	DRAUPNE FM
3452	HEATHER FM
3521	VESTLAND GP
3521	SLEIPNER FM
3645	HEGRE GP
3645	SKAGERRAK FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - DIR	139	217
LWD - DIR PWD GR	217	1377
LWD - DIR PWD GR RES DEN NEU SON	1377	3033
LWD - DIR PWD GR RES DEN NEU SON	3033	3795
LWD - FM PRESS	3033	3795

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
PILOT HOLE		141.0	8 1/2	1390.0	0.00	
CONDUCTOR	36	215.0	42	217.0	0.00	



SURF.COND.	13 3/8	1371.0	17 1/2	1377.0	1.58	LOT
INTERM.	9 5/8	3033.0	12 1/4	3025.0	2.08	LOT
OPEN HOLE		3795.0	8 1/2	3795.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
110	1.03			Water	
762	1.25			Water	
762	1.50			Water	
1377	1.25			Water	
1380	1.36			Water	
2102	1.10			Water	
2315	1.32			Oil	
2315	1.37			Oil	
2676	1.36			Water	
3033	1.36			Water	
3035	1.37			Oil	
3628	1.37			Oil	
3795	1.37			Oil	