



Generell informasjon

Brønnbane navn	16/5-6
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	16/5-6
Seismisk lokalisering	TUN15M01 3D bin datasett: Inline reference: 12688 Crosline reference: between 12383 and 12384
Utvinningstillatelse	776
Boreoperatør	Tullow Oil Norge AS
Boretillatelse	1624-L
Boreinnretning	BORGLAND DOLPHIN
Boredager	19
Borestart	22.06.2016
Boreslutt	10.07.2016
Plugget og forlatt dato	10.07.2016
Frigitt dato	10.07.2018
Publiseringsdato	10.07.2018
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	31.0
Vanndybde ved midlere havflate [m]	98.0
Totalt målt dybde (MD) [m RKB]	2350.0
Totalt vertikalt dybde (TVD) [m RKB]	2350.0
Maks inklinasjon [°]	0.9
Eldste penetrerte alder	TRIASSIC
Eldste penetrerte formasjon	SKAGERRAK FM
Geodetisk datum	ED50
NS grader	58° 32' 40.41" N
ØV grader	2° 31' 45.5" E
NS UTM [m]	6489584.78
ØV UTM [m]	472600.05



UTM sone	31
NPDID for brønnbanen	7962

Brønnhistorie

General

Well 16/5-6 was drilled to test the Rome Central prospect on the southeast part of the Utsira High in the North Sea. The primary objective was to test the presence of and hydrocarbon potential in the Late Jurassic Intra Draupne sandstone. The secondary target was to test the hydrocarbon potential in the underlying preserved wedge of Triassic or Paleozoic sediments.

Operations and results

Wildcat well 16/5-6 was spudded with the semi-submersible installation Borgland Dolphin on 22 June 2016 and drilled to TD at 2350 m in the Triassic Skagerrak Formation. No significant problem was encountered in the operations. The well was drilled with Seawater and sweeps down to 702 m, with Innover NS oil based mud from 702 m to 2134 m, and with KCl/GEM water based mud from 2134 m to TD.

Well 16/5-6 failed to prove the presence Late Jurassic Intra Draupne Formation sandstone sequence prognosed to overlie a Triassic section. Instead, the well drilled directly from a thin (6 m) Late Jurassic Draupne shale and 109 m into a tight sandstone sequence of Triassic or possibly Paleozoic age. No shows or indications of moveable hydrocarbons were observed in the well.

No cores were cut. No wire line logs were run. No fluid sample was taken.

The well was permanently abandoned on 10 July 2016 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
710.00	2350.00

Borekaks tilgjengelig for prøvetaking?	YES
--	-----

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
129	NORDLAND GP
461	UNDIFFERENTIATED



764	UTSIRA FM
886	HORDALAND GP
886	NO FORMAL NAME
915	SKADE FM
968	NO FORMAL NAME
1543	NO FORMAL NAME
1602	ROGALAND GP
1602	BALDER FM
1642	SELE FM
1668	LISTA FM
1756	VÅLE FM
1762	SHETLAND GP
1762	EKOFISK FM
1773	TOR FM
1840	HOD FM
1985	CROMER KNOLL GP
1985	RØDBY FM
2082	SOLA FM
2121	ÅSGARD FM
2235	VIKING GP
2235	DRAUPNE FM
2241	HEGRE GP
2241	SKAGERRAK FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - DIR PWD	129	702
LWD - DIR PWD GR RES SON CAL	702	2134
LWD - GR RES DEN NEU GEO PWD SON	2134	2350
LWD - GR RES PWD SON	129	700

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	219.0	36	224.0	0.00	
SURF.COND.	13 3/8	697.0	17 1/2	702.0	1.55	FIT



INTERM.	9 5/8	2128.0	12 1/4	2134.0	1.95	FIT
OPEN HOLE		2350.0	8 1/2	2350.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
129	1.49	16.0		Displacement mud	
700	1.49	16.0		Displacement mud	
700	1.34	16.0		Displacement mud	
702	1.49	16.0		Displacement mud	
702	1.09	13.0		INNOVERT OBM	
1013	1.14	17.0		INNOVERT OBM	
1157	1.17	16.0		INNOVERT OBM	
1380	1.24	16.0		INNOVERT OBM	
1594	1.29	18.0		INNOVERT OBM	
1902	1.29	19.0		INNOVERT OBM	
2134	1.29	18.0		INNOVERT OBM	
2134	1.19	16.0		KCL/Pol/GEM WBM	
2350	1.19	15.0		KCL/Pol/GEM WBM	