Generell informasjon

Brønnbane navn	8/10-5 A
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	8/10-5
Seismisk lokalisering	Seismic survey CE1202. inline 1582. crossline 2297
Utvinningstillatelse	405
Boreoperatør	Centrica Resources (Norge) AS
Boretillatelse	1511-L
Boreinnretning	MÆRSK GIANT
Boredager	78
Borestart	06.03.2014
Boreslutt	24.05.2014
Frigitt dato	24.05.2016
Publiseringsdato	24.05.2016
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	44.0
Vanndybde ved midlere havflate [m]	66.0
Totalt målt dybde (MD) [m RKB]	2662.0
Totalt vertikalt dybde (TVD) [m RKB]	2314.0
Maks inklinasjon [°]	43.8
Eldste penetrerte alder	PERMIAN
Eldste penetrerte formasjon	ZECHSTEIN GP
Geodetisk datum	ED50
NS grader	57° 3' 32.64'' N
ØV grader	3° 6' 46.97'' E
NS UTM [m]	6324108.45
ØV UTM [m]	506856.83
UTM sone	31
NPDID for brønnbanen	7419

Brønnhistorie

General

Well 8/10-5 A is a geological sidetrack to well 8/10-5 S on the Butch prospect on the Sørvestlandet High in the North Sea. The Butch structure is defined as a salt diapir induced ovoid structure. Well 8/10-5 S found the Ula Formation water wet. The primary objective of the sidetrack was to assess the hydrocarbon potential of the Ula Formation in a location updip and west of the 8/10-5 S location.

Operations and results

Wildcat well 8/10-5 A was spudded with the jack-up installation Mærsk Giant on 6 March 2014. An influx was recorded at 2320 m. The influx and the ensuing operations to subdue it resulted in the well being plugged back and sidetracked from 1821 m in the Upper Lista Formation as well 8/10-5 AT2. After kicking off, the well path was built up to a sail angle of approximately 43°. This resulted in a departure of 798 m from the primary wellbore, 8/10-5 S, at top Ula Formation and a total offset of 978 m at final TD at 2662 m (2314 m TVD) in halite of the Permian Zechstein Group. The well was drilled with Versatec oil based mud from kick-off to 2301 m and with WARP oil based mud from 2301 m to TD.

The target Ula Formation was encountered water wet with top at 2402 m (2127 m TVD). No shows were recorded above the OBM.

No cores were cut in the well. Only LWD logging was performed, no wire line logs were run. No fluid sample was taken.

The well was permanently abandoned on 24 May 2014 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
750.00	2318.00

Borekaks tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
110	NORDLAND GP
110	UNDIFFERENTIATED
758	UNDIFFERENTIATED

1280	HORDALAND GP
1280	UNDIFFERENTIATED
1658	ROGALAND GP
1658	BALDER FM
1678	SELE FM
1749	LISTA FM
1856	VIDAR FM
1860	SHETLAND GP
1860	EKOFISK FM
1907	TOR FM
2004	HOD FM
2117	CROMER KNOLL GP
2117	RØDBY FM
2162	SOLA FM
2179	TUXEN FM
2197	ÅSGARD FM
2332	TYNE GP
2332	MANDAL FM
2364	FARSUND FM
2403	VESTLAND GP
2403	ULA FM
2470	HEGRE GP
2470	SKAGERRAK FM
2618	ZECHSTEIN GP

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
IBC MSIP GPIT AH184 EDTC LEHQT	1600	2160
LWD-GR RES APWD DIR	430	734
LWD-GR RES APWD DIR DEN POR	2279	2314
LWD-GR RES APWD DIR SON	730	1800
LWD-GR RES APWD DIR SON DEN POR	1789	2270
LWD-GR RES APWD SON DIR	181	424
T2 LWD-GR RES APWD DIR SON	1818	2286
T2 LWD-GR RES APWD DIR SON DEN P	2242	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
INTERM.	13 3/8	1809.5	17 1/2	1823.0	1.73	FIT
INTERM.	9 5/8	2294.3	12 1/4	2298.0	1.98	LOT
OPEN HOLE		2662.0	8 1/2	2662.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
640	1.39	24.0		VERSATEC OBM	
933	1.41	30.0		VERSATEC OBM	
1330	1.46	37.0		VERSATEC OBM	
1759	1.59	57.0		VERSATEC OBM	
1808	1.54	41.0		VERSATEC OBM	
1823	1.59	47.0		VERSATEC OBM	
2170	1.59	35.0		VERSATEC OBM	
2170	1.74	42.0		VERSATEC OBM	
2279	1.59	47.0		VERSATEC OBM	
2298	1.62	38.0		VERSATEC OBM	
2320	1.74	56.0		VERSATEC OBM	
2320	1.64	41.0		VERSATEC OBM	
2437	1.72	31.0		WARP OBM	
2662	1.67	30.0		WARP OBM	
2662	1.59	38.0		VERSATEC OBM	
2662	1.67	27.0		WARP OBM	
2807	1.59	45.0		VERSATEC OBM	