



Generell informasjon

Brønnbane navn	6407/8-7 A
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6407/8-7
Seismisk lokalisering	ST10021Z14 inline 1617 & xline 1871
Utvinningstillatelse	348 C
Boreoperatør	Statoil Petroleum AS
Boretillatelse	1581-L
Boreinnretning	TRANSOCEAN SPITSBERGEN
Boredager	8
Borestart	13.05.2015
Boreslutt	23.05.2015
Frigitt dato	23.05.2017
Publiseringsdato	23.05.2017
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	40.0
Vanndybde ved midlere havflate [m]	259.0
Totalt målt dybde (MD) [m RKB]	3178.0
Totalt vertikalt dybde (TVD) [m RKB]	2810.0
Maks inklinasjon [°]	38.2
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	ÅRE FM
Geodetisk datum	ED50
NS grader	64° 23' 4.27" N
ØV grader	7° 33' 42.94" E
NS UTM [m]	7140825.54
ØV UTM [m]	430630.00
UTM sone	32
NPDID for brønnbanen	7707



Brønnhistorie

General

Well 6407/8-7 and its sidetrack 6407/8-7 A were drilled to test the Bister prospect about four kilometres north of the Hyme field in the southern part of the Norwegian Sea and 140 kilometres north of Kristiansund. The main objective for the sidetrack 6407/8-7 A was to test the presence of commercial accumulations in the Tilje Formation higher up on the structure.

Operations and results

Wildcat well 6407/8-7 A was kicked off from the main well at 1064 m on 13 May 2015. It was drilled with the semi-submersible installation Transocean Spitsbergen to TD at 3178 m (2810 m TVD) m in Triassic sediments belonging to the Åre Formation. No significant problem was encountered in the operations. The well was drilled with EMS-4400 oil based mud from kick-off to TD.

The well penetrated a ca 110 m thick Tilje formation, of which 80 m was sandstone of good reservoir quality. The well also penetrated 200 m of the Åre formation, of which 95 m was sandstone with good reservoir properties. The well is dry. Some shows were observed on cuttings in both the main well and the sidetrack. However, when using OBM most HC's will be washed out and/or masked by the oil base in the mud. Preliminary post well analysis confirms that the shows observed on cuttings were from the OBM and not formation.

No cores were cut. No fluid sample was taken.

The well was permanently abandoned on 23 May 2015 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1080.00	3178.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
299	NORDLAND GP
451	NAUST FM
963	KAI FM
1017	HORDALAND GP



1017	BRYGGE FM
1745	ROGALAND GP
1745	TARE FM
1910	TANG FM
2041	SHETLAND GP
2041	SPRINGAR FM
2075	NISE FM
2237	CROMER KNOLL GP
2237	KVITNOS FM
2540	LANGE FM
2786	BÅT GP
2786	TILJE FM
2927	ÅRE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - GVR ECO SON VIS	2696	3178
MWD - PD ARC SADN	1060	2696

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	350.0	36	352.0	0.00	
INTERM.	13 3/8	1045.0	17 1/2	1055.0	0.00	
		1058.0		1058.0	1.54	FIT
LINER	9 5/8	2695.0	12 1/4	2696.0	0.00	
		2699.0		2699.0	1.60	FIT
OPEN HOLE		3178.0	8 1/2	3178.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
1058	1.43	21.0		EMS 4400	
1145	1.43	20.0		EMS 4400	
1412	1.43	23.0		EMS 4400	



Faktasider

Brønnbane / Leting

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2040	1.47	23.0		EMS 4400	
2365	1.47	23.0		EMS 4400	
2680	1.47	24.0		EMS 4400	
2755	1.30	16.0		EMS 4400	
3178	1.31	24.0		EMS 4400	