



Generell informasjon

Brønnbane navn	6406/6-4
Type	EXPLORATION
Formål	WILDCAT
Status	JUNKED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6406/6-4
Seismisk lokalisering	3D kube WIN09M02.inline 1414 & crossline 3010
Utvinningstillatelse	510
Boreoperatør	Maersk Oil Norway AS
Boretillatelse	1555-L
Boreinnretning	LEIV EIRIKSSON
Boredager	52
Borestart	06.01.2015
Boreslutt	26.02.2015
Frigitt dato	26.02.2017
Publiseringsdato	05.07.2016
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	NOT APPLICABLE
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	261.0
Totalt målt dybde (MD) [m RKB]	1955.0
Totalt vertikalt dybde (TVD) [m RKB]	1955.0
Maks inklinasjon [°]	1.7
Eldste penetrerte formasjon	BRYGGE FM
Geodetisk datum	ED50
NS grader	64° 38' 31.63" N
ØV grader	6° 46' 2.72" E
NS UTM [m]	7170627.33
ØV UTM [m]	393324.29
UTM sone	32
NPDID for brønnbanen	7619



Brønnhistorie

General

Well 6406/6-4 was drilled to test the Tvillingen Sør prospect on the Halten Terrace in the Norwegian Sea. The primary objective was to test the hydrocarbon potential in the Middle Jurassic Garn and Ile formations. The Tofte and Tilje formations were secondary objectives, while the Åre Formation was a tertiary objective.

Operations and results

Wildcat well 6406/6-4 was spudded with the semi-submersible installation Leiv Eiriksson on 6 January 2015 and drilled to TD at 1955 m in the Brygge Formation. A 9 7/8" pilot hole was drilled to 1365 m without detecting shallow gas. Due to 16" liner hanger failure incident, the well was abandoned. The well was drilled with seawater and bentonite down to 1364 m and with Glydril mud from 1364 m to TD.

The well objectives were not met.

No cores were cut and no fluid sample was taken. Only MWD logs were run in the well.

Well 6406/6-4 was permanently abandoned on 26 February 2015 as a junked well. A new well, 6406/6-4 S, was spudded a few months later to fulfil the exploration objectives.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1370.00	1950.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
286	NORDLAND GP
286	UNDIFFERENTIATED
1405	KAI FM
1912	HORDALAND GP
1912	BRYGGE FM

Logger



Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD-DI	286	378
MWD-GR RES PWD DI	286	1365
MWD-GR RES PWD DI	353	1339
MWD-GR RES PWD DI SON	1339	1930

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	36	373.0	42	378.0	0.00	
SURF.COND.	20	1359.0	26	1364.0	1.85	LOT
PILOT HOLE		1365.0	9 7/8	1365.0	0.00	
LINER	16	1912.0	20	1955.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
340	1.03			WATER BASED MUD	
1270	1.03			WATER BASED MUD	
1347	1.39			WATER BASED MUD	
1748	1.40			WATER BASED MUD	
1838	1.46			WATER BASED MUD	
1911	1.55			WATER BASED MUD	
1933	1.54			WATER BASED MUD	
1955	1.55			WATER BASED MUD	