



Generell informasjon

Brønnbane navn	2/1-15
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	2/1-15
Seismisk lokalisering	inline 7565 & crossline 22040
Utvinningstillatelse	542
Boreoperatør	Det norske oljeselskap ASA
Boretillatelse	1436-L
Boreinnretning	MÆRSK GIANT
Boredager	50
Borestart	18.07.2013
Boreslutt	05.09.2013
Plugget og forlatt dato	05.09.2013
Frigitt dato	05.09.2015
Publiseringsdato	05.09.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	42.6
Vanndybde ved midlere havflate [m]	69.6
Totalt målt dybde (MD) [m RKB]	3554.0
Totalt vertikalt dybde (TVD) [m RKB]	3554.0
Maks inklinasjon [°]	2.3
Temperatur ved bunn av brønnbanen [°C]	149
Eldste penetrerte alder	TRIASSIC
Eldste penetrerte formasjon	HEGRE GP
Geodetisk datum	ED50
NS grader	56° 52' 58.14" N
ØV grader	3° 12' 47.53" E
NS UTM [m]	6304502.99
ØV UTM [m]	512992.93



UTM sone	31
NPDID for brønnbanen	7219

Brønnhistorie

General

Well 2/1-15 was drilled on the Augunshaug prospect west of the Gyda Field on the Sørvestlandet High in the North Sea. The primary objective was to prove hydrocarbons within the Middle Jurassic Sandnes and Bryne formations. Secondary targets were the Triassic Skagerrak Formation sandstones and the Oligocene Vade Formation sandstones.

Operations and results

Wildcat well 2/1-15 was spudded with the jack-up installation Mærsk Giant on 18 July 2013 and drilled to TD at 3554 m in the Triassic Hegre Group. A 9 7/8" pilot hole was drilled to 603 m and a shallow gas zones was penetrated at 585 -588. The 20" casing was set above this zone, at 546 m. Drilling commenced with a 16" hole and a second low-charge gas sand was penetrated in the interval 715 - 730 m. The well was drilled with seawater and sweep pills down to 603 m, with Innover NS SBM mud from 603 m to 3312 m, and with Innover oil based med from 3312 m to TD.

The Oligocene Vade Formation sand was encountered at 2199 m and was found dry. The net sand in the Vade Formation was about 37 m. The Sandnes Formation Sandstone was encountered at 3431 m. The Bryne Formation was encountered at 3450 m. Both the reservoir targets had lower reservoir quality than expected. There was no indication of hydrocarbons from the MWD logs and no oil shows in cuttings or indication of low mud gas values.

No conventional cores were cut. No fluid samples were taken

The well was permanently abandoned on 5 November as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
600.00	3554.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
114	NORDLAND GP
114	UNDIFFERENTIATED
1726	HORDALAND GP
1726	UNDIFFERENTIATED
2199	VADE FM
2259	UNDIFFERENTIATED
2664	ROGALAND GP
2664	BALDER FM
2706	SELE FM
2745	LISTA FM
2851	VIDAR FM
2931	VÅLE FM
2941	SHETLAND GP
2941	EKOFISK FM
3019	TOR FM
3245	HOD FM
3285	CROMER KNOLL GP
3285	RØDBY FM
3289	SOLA FM
3310	TUXEN FM
3317	ÅSGARD FM
3393	TYNE GP
3393	HAUGESUND FM
3431	VESTLAND GP
3431	SANDNES FM
3450	BRYNE FM
3523	HEGRE GP
3523	UNDIFFERENTIATED

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
HR SCT-B	3351	3542
MWD - GR RES DEN NEU PWD DIR SON	3312	3554
MWD - GR RES PWD DIR	113	603
MWD - GR RES PWD DIR SON	550	3312
RDT	3435	3506



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	172.4	36	175.0	0.00	
SURF.COND.	20	545.0	26	550.0	0.00	
PILOT HOLE		603.0	9 7/8	603.0	0.00	
INTERM.	13 3/8	2376.0	16	2381.0	0.00	
OPEN HOLE		3554.0	8 1/2	3554.0	0.00	