



Generell informasjon





Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 16.5.2024 - 05:09

Brønnbane navn	2/1-14 S
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	2/1-14
Seismisk lokalisering	
Utvinningstillatelse	019 B
Boreoperatør	Talisman Energy Norge AS
Boretillatelse	1217-L
Boreinnretning	GYDA
Boredager	84
Borestart	07.12.2008
Boreslutt	28.02.2009
Plugget dato	28.02.2009
Frigitt dato	28.02.2011
Publiseringsdato	28.02.2011
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	56.0
Vanndybde ved midlere havflate [m]	65.5
Totalt målt dybde (MD) [m RKB]	6130.0
Totalt vertikalt dybde (TVD) [m RKB]	3811.0
Maks inklinasjon [°]	65
Eldste penetrerte alder	TRIASSIC
Eldste penetrerte formasjon	SKAGERRAK FM
Geodetisk datum	ED50
NS grader	56° 54' 17.31" N
ØV grader	3° 5' 6.38" E
NS UTM [m]	6306934.03
ØV UTM [m]	505183.43
UTM sone	31
NPDID for brønnbanen	5995

**Brønnhistorie****General**

Well 2/1-14 S was drilled deviated from the Gyda Platform on the Gyda Field in the North Sea. The well targeted Late Jurassic, Ula Formation sandstones, across a fault delineating the Gyda Field to the north-east, ca 4 km from the platform location.

Operations and results

Wildcat well 2/1-14 S was drilled as a sidetrack from the production well 2/1-A-22. It was kicked off at the 13 3/8" casing shoe at 931 m in 2/1-A-22 and drilled deviated to TD at 6130 m (3811 m TVD) in red coloured claystones and silty sandstones assumed to be the Triassic Skagerrak Formation. Stress relief cavings were observed whilst drilling the Nordland and Hordaland, a clean out trip was required as the 9 5/8" casing could not be run to bottom due to a suspected

build up of cuttings beds and poor hole cleaning. Whilst drilling through suspected fault zones in the 8 1/2" section, the bit was often 'grabbed' and packing off of the hole was noted. Loss zones were noted at 5805 m, 5812 m, but some of this came back whilst circulating prior to POOH to change assembly. Losses were encountered whenever the ECD increased above 1.82 sg, drilling continued with lower flow rates. The well was drilled with Carbosea oil based mud from kick-off to TD.

Top Mandal Formation was penetrated at 5949 m (3660 m TVD), top Farsund Formation at 5967 m (3675 m TVD), and Top of the Ula Formation sandstone unit at 6022 m (3721 m TVD). The Ula Formation sandstone was thinner than expected (12 m TVD) and included claystone interbeds. Very weak oil shows were observed in the Ula sand. Otherwise, the oil based mud made shows detection difficult, and no further oil shows were reported from the well. Logs and gas readings indicated a lack of any moveable hydrocarbons.

No cores were cut and no wire line logs were run in the well. No fluid or pressure samples were taken.

The well was permanently abandoned on 28 February as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
5757.00	6130.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
122	NORDLAND GP
1962	HORDALAND GP
1962	NO FORMAL NAME
3211	VADE FM
3839	NO FORMAL NAME
4253	ROGALAND GP
4253	BALDER FM
4392	SELE FM
4496	SELE FM
4568	LISTA FM
4640	VIDAR FM
4877	LISTA FM
4916	VÅLE FM
4955	SHETLAND GP
4955	EKOFISK FM
5180	TOR FM
5598	HOD FM
5719	BLODØKS FM
5729	HIDRA FM
5739	CROMER KNOLL GP
5739	RØDBY FM
5760	SOLA FM
5785	TUXEN FM
5820	ÅSGARD FM
5947	TYNE GP
5947	MANDAL FM
6022	VESTLAND GP
6022	ULA FM
6036	BRYNE FM
6111	NO GROUP DEFINED

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - DIR GR RES PWD ORD CCN ACC	5812	6130
MWD - GR DIR PWD	931	5005
MWD - GR PWD FPT	6012	6096



MWD - GR RES DIR PWD	5005	5812
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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	931.0	17 1/2	931.0	1.80	LOT
INTERM.	9 5/8	4992.0	12 1/4	5005.0	1.87	LOT
OPEN HOLE		6130.0	8 1/2	6130.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
984	1.64	48.0		Invert Emulsion	
1252	1.64	36.0		Invert Emulsion	
2830	1.64	42.0		Invert Emulsion	
3917	1.64	40.0		Invert Emulsion	
4810	1.64	50.0		Invert Emulsion	
5005	1.66	55.0		Invert Emulsion	
5008	1.54	49.0		Invert Emulsion	
5596	1.63	44.0		Invert Emulsion	
6130	1.63	48.0		Invert Emulsion	