



Generell informasjon





Brønnbane navn	15/6-13 A
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Funn	15/6-13
Brønn navn	15/6-13
Seismisk lokalisering	ST0730Z09 xline 1941 & inline 1585
Utvinningstillatelse	029 B
Boreoperatør	Statoil Petroleum AS
Boretillatelse	1569-L
Boreinnretning	SONGA TRYM
Boredager	19
Borestart	30.05.2015
Boreslutt	03.06.2015
Frigitt dato	03.06.2017
Publiseringsdato	03.06.2017
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	114.0
Totalt målt dybde (MD) [m RKB]	3925.0
Totalt vertikalt dybde (TVD) [m RKB]	3741.0
Maks inklinasjon [°]	30.2
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	SKAGERRAK FM
Geodetisk datum	ED50
NS grader	58° 36' 55.48" N
ØV grader	1° 45' 40.58" E
NS UTM [m]	6498042.20
ØV UTM [m]	428039.23
UTM sone	31
NPDID for brønnbanen	7668



Brønnhistorie

General

Well 15/6-13 A is a geological sidetrack to well 15/6-13 on the south end of the Gudrun Terrace in the North Sea. It was drilled to delineate the Gina Krog East-3 oil discovery made by the main well. The objective was to test the down-flank potential of the Gina Krog east-3 structure.

Operations and results

Appraisal well 15/6-13 A was kicked off at 2141 m in the main wellbore on 16 May 2015. It was drilled with the semi-submersible installation Songa Trym to TD at 3925 m (3741 m TVD) in the Late Triassic Skagerrak Formation. No significant problem was encountered in the operations. The well was drilled with EMS4400 oil based mud from kick-off to TD.

Well 15/6-13 A encountered seven and nine metres of sandstone with moderate reservoir quality in the Hugin and Sleipner formations. Both were water bearing. They were not in pressure communication with each other, but the Hugin Formation sandstone is presumed to be in pressure communication with the oil zone in 15/6-13. Petrophysical interpretation indicated hydrocarbons in the Skagerrak Formation, but no pressure data were acquired to confirm this. No oil shows were recorded in the well.

No cores were cut. MDT water samples were taken at 3812 m.

The well was permanently abandoned on 30 May 2015 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
2150.00	3925.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
139	NORDLAND GP
139	UNDIFFERENTIATED
764	UTSIRA FM
995	HORDALAND GP
995	UNDIFFERENTIATED
1096	NO FORMAL NAME



1101	UNDIFFERENTIATED
1262	SKADE FM
1295	UNDIFFERENTIATED
1725	GRID FM
1988	UNDIFFERENTIATED
2186	ROGALAND GP
2186	BALDER FM
2225	SELE FM
2282	LISTA FM
2321	HEIMDAL FM
2580	VÅLE FM
2596	TY FM
2737	SHETLAND GP
2737	EKOFISK FM
2800	TOR FM
3149	HOD FM
3563	HIDRA FM
3603	CROMER KNOLL GP
3603	RØDBY FM
3673	VIKING GP
3673	DRAUPNE FM
3785	HEATHER FM
3808	VESTLAND GP
3808	HUGIN FM
3817	SLEIPNER FM
3860	HEGRE GP
3860	SKAGERRAK FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
AIT MSIP PEX ECS HNGS	3450	3940
CMR MDT	3790	3865
MWD - TELE ARC	2132	3925

Foringsrør og formasjonsstyrketester



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 14.5.2024 - 19:41

Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm3]	Type formasjonstest
CONDUCTOR	30	188.0	36	189.0	0.00	
SURF.COND.	20	1026.0	26	1033.5	1.39	FIT
		2141.0		2141.0	1.59	FIT
LINER	9 5/8	3449.0	12 1/4	3450.0	1.75	FIT
OPEN HOLE		3925.0	8 1/2	3925.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
2067	1.41	25.0		EMS 4400	
2076	1.42	20.0		EMS 4400	
2383	1.39	20.0		EMS 4400	
2751	1.40	22.0		EMS 4400	
3168	1.46	27.0		EMS 4400	
3345	1.43	22.0		EMS 4400	
3450	1.53	27.0		EMS 4400	
3467	1.58	39.0		EMS 4400	
3633	1.58	28.0		EMS 4400	
3925	1.58	33.0		EMS 4400	