



Generell informasjon





Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 15.5.2024 - 10:41

Brønnbane navn	16/7-9
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	16/7-9
Seismisk lokalisering	LN09M02-inline 36228 & crossline 123020
Utvinningstillatelse	409
Boreoperatør	Lundin Norway AS
Boretillatelse	1314-L
Boreinnretning	TRANSOCEAN WINNER
Boredager	30
Borestart	05.12.2010
Boreslutt	03.01.2011
Frigitt dato	16.10.2012
Publiseringsdato	16.10.2012
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	26.0
Vanndybde ved midlere havflate [m]	78.0
Totalt målt dybde (MD) [m RKB]	2665.0
Totalt vertikalt dybde (TVD) [m RKB]	2665.0
Maks inklinasjon [°]	10
Temperatur ved bunn av brønnbanen [°C]	103
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	SMITH BANK FM
Geodetisk datum	ED50
NS grader	58° 15' 17.49" N
ØV grader	2° 17' 25.01" E
NS UTM [m]	6457451.59
ØV UTM [m]	458345.93
UTM sone	31
NPDID for brønnbanen	6382



Brønnhistorie

General

Well 16/7-9 was drilled on the Norall prospect in the Ling Depression in the North Sea. The primary objective was to test the hydrocarbon potential of the Jurassic / Triassic (Skagerrak Formation).

Operations and results

Wildcat well 16/9-7 was spudded with the semi-submersible installation Transocean Winner on 5 December 2010 and drilled to TD at 2665 m in the Late Triassic Smith Bank Formation. Due to shallow gas warnings a 9 7/8" pilot hole was drilled from seabed to 706 m. No shallow gas was found. No significant problem was encountered in the operations. The well was drilled with seawater and hi-vis pills in the riserless sections down to 706 m and with Glydril mud from 706 m to TD.

The well was found to be dry. The Draupne Formation was encountered at 2466.5 m. Under Draupne, at 2500 m, the well penetrated a 15 m thick Intra Draupne Formation sandstone. This sand rested on 38 m of Triassic, Skagerrak Formation sandstone. The formations were water bearing. Minor oil shows were described in the organic rich Draupne shales from 2492 to 2500 m while traces of residual fluorescence were observed in the underlying Intra Draupne sandstone.

No cores were cut and no wire line fluid samples were taken.

The well was permanently abandoned on 3 January 2011 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
710.00	2663.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
104	NORDLAND GP



895	UTSIRA FM
952	NO FORMAL NAME
1021	HORDALAND GP
1021	SKADE FM
1050	NO FORMAL NAME
1811	ROGALAND GP
1811	BALDER FM
1858	SELE FM
1879	LISTA FM
1986	VÅLE FM
2000	SHETLAND GP
2000	EKOFISK FM
2033	TOR FM
2201	HOD FM
2291	CROMER KNOLL GP
2291	RØDBY FM
2315	SOLA FM
2345	ÅSGARD FM
2467	VIKING GP
2467	DRAUPNE FM
2500	INTRA DRAUPNE FM SS
2515	NO GROUP DEFINED
2515	SKAGERRAK FM
2553	SMITH BANK FM

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
6382_01_16_7_9_gch_transfer_1	txt	0.00
6382_02_16_7_9_gch_results_1	txt	0.16

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MSCT GR	2234	2657
MWD LWD - GR RES DEN NEU SON PWD	700	2664
MWD LWD - GR RES PWD DIR	102	702





MWD LWD - PWD DIR	99	706
VSI GR	1329	2665
XPT GR	2239	2666

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	193.0	36	193.0	0.00	LOT
SURF.COND.	13 3/8	700.0	17 1/2	706.0	2.17	LOT
PILOT HOLE		706.0	9 7/8	706.0	0.00	LOT
INTERM.	9 5/8	2196.0	12 1/4	2204.0	1.99	LOT
OPEN HOLE		2665.0	8 1/2	2665.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
184	1.50			Water	
311	1.40			Water	
706	1.03			Water	
852	1.30			Water	
1900	1.40			Water	
2093	1.40			Water	
2204	1.39			Water	
2665	1.39			Water	