



Generell informasjon

Brønnbane navn	31/10-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	31/10-1
Seismisk lokalisering	Survey UHN98NH911RI13D:iI943 & xI480
Utvinningstillatelse	507
Boreoperatør	Tullow Oil Norge AS
Boretillatelse	1528-L
Boreinnretning	BORGLAND DOLPHIN
Boredager	25
Borestart	01.07.2014
Boreslutt	25.07.2014
Frigitt dato	25.07.2016
Publiseringsdato	25.07.2016
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	31.0
Vanndybde ved midlere havflate [m]	121.0
Totalt målt dybde (MD) [m RKB]	2388.0
Totalt vertikalt dybde (TVD) [m RKB]	2388.0
Maks inklinasjon [°]	0.8
Eldste penetrerte alder	LATE CRETACEOUS
Eldste penetrerte formasjon	SHETLAND GP
Geodetisk datum	ED50
NS grader	60° 5' 10.41" N
ØV grader	3° 0' 4.01" E
NS UTM [m]	6661169.86
ØV UTM [m]	500061.97
UTM sone	31
NPDID for brønnbanen	7504



Brønnhistorie

General

Well 31/10-1 was drilled to test the Lupus prospect south of the Oseberg/Brage fields on the western flank of the Stord Basin in the North Sea. The objective was to test the hydrocarbon potential in Paleocene sands, with in the Hermod Formation as primary target and the Ty/Heimdal formations as secondary target.

Operations and results

Wildcat well 31/10-1 was spudded with the semi-submersible installation Borgland Dolphin on 1 July 2014 and drilled to TD at 2388 m in the Late Cretaceous Shetland Group. A 9 7/8" pilot hole was drilled to 1083 m to check for shallow gas. No shallow gas was seen. No significant problem was encountered in the operations. The well was drilled with seawater and sweeps down to 1083 m and with Performadril mud from 1083 m to TD.

Reservoirs with good to excellent quality were found in Paleocene Hermod Formation. The Ty Formation was not present. The well was dry without shows all through.

No cores were cut and no wireline logs were run. No fluid sample was taken.

The well was permanently abandoned on 25 July as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1090.00	2388.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
152	NORDLAND GP
152	UNDIFFERENTIATED
714	UTSIRA FM
1063	HORDALAND GP
1063	NO FORMAL NAME
1470	SKADE FM
1477	NO FORMAL NAME



1647	NO FORMAL NAME
2085	ROGALAND GP
2085	BALDER FM
2140	SELE FM
2172	HERMOD FM
2207	SELE FM
2215	LISTA FM
2327	VÅLE FM
2348	SHETLAND GP
2348	HARDRÅDE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - DIR	152	224
LWD - DIR PWD	223	1083
LWD - DIR RES GR CTN ALD PWD SON	2109	2388
LWD - DIR RES GR SON PWD	152	1083
LWD - DIR RES GR SON PWD ATBITGR	1083	2109

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	218.5	36	220.5	0.00	
INTERM.	13 3/8	1077.6	17 1/2	1083.0	1.79	LOT
PILOT HOLE		1083.0	9 7/8	1083.0	0.00	
INTERM.	9 5/8	2103.0	12 1/4	2109.0	1.66	LOT
OPEN HOLE		2388.0	8 1/2	2388.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
748	1.34	22.0		PERFORMADRIL	
1120	1.34	17.0		PERFORMADRIL	
1830	1.34	23.0		PERFORMADRIL	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 10.5.2024 - 08:04

2032	1.34	32.0		PERFORMADRIL	
2113	1.29	20.0		PERFORMADRIL	
2388	1.34	21.0		PERFORMADRIL	