



Generell informasjon

Brønnbane navn	2/2-6
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	2/2-6
Seismisk lokalisering	inline 6460 & crossline 20720(Survey # VGCSN06NQ2PSDM)
Utvinningstillatelse	332
Boreoperatør	Talisman Energy Norge AS
Boretillatelse	1301-L
Boreinnretning	MÆRSK GUARDIAN
Boredager	49
Borestart	27.03.2010
Boreslutt	14.05.2010
Frigitt dato	14.05.2012
Publiseringsdato	14.05.2012
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	42.4
Vanndybde ved midlere havflate [m]	63.8
Totalt målt dybde (MD) [m RKB]	4105.0
Totalt vertikalt dybde (TVD) [m RKB]	4104.3
Maks inklinasjon [°]	5.3
Eldste penetrerte alder	LATE JURASSIC
Eldste penetrerte formasjon	FARSUND FM
Geodetisk datum	ED50
NS grader	56° 48' 17.52" N
ØV grader	3° 26' 7.49" E
NS UTM [m]	6295890.12
ØV UTM [m]	526589.96
UTM sone	31
NPDID for brønnbanen	6346



Brønnhistorie

General

Well 2/2-6 was drilled on the Optimus prospect in the northern part of the Steinbit Terrace in the southern North Sea. The Optimus Prospect is a stratigraphic pinch-out trap on the southern margin of an intra-terrace basin. The primary objectives were the J66 and J62 sandstone sequences of the Late Jurassic Ula formation. These sandstones were penetrated in 2/2-5, with 5 m of net pay oil near the interval base. Sandstone of the J62 interval was penetrated in 2/2-1, with 14 m of net pay oil near the interval base. TD depth was planned 500 m below BCU, above the top Triassic.

Operations and results

Wildcat well 2/2-6 was spudded with the jack-up installation Mærsk Guardian on 27 March 2010. It was plugged back with TOC at 440 m due to lost BHA in the hole after a twist-off. Technical sidetrack 2/2-6 T2 commenced on 6 April 2010 and drilled to a TD of 4105 m in the Late Jurassic Farsund Formation. The well was drilled with seawater down to 216 m, with KCl/GEM mud from 216 m to 1001 m, and with ENVIROMUL oil based mud from 1001 m to TD.

A 3 m thick drape of Mandal Formation was penetrated at 3585 m. No Ula Formation reservoir was present at the drilled location. The targets J66 and J62 were penetrated but contained no reservoir quality sands (mainly siltstones with a few sand stringers assigned to the Farsund Formation). No live hydrocarbons were encountered and no shows were observed.

No cores were cut. No wire line logs were run hence no down-hole fluid samples were taken.

The well was permanently abandoned on 14 May 2010 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
230.00	1180.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi



Topp Dyb [mMD RKB]	Litostrat. enhet
106	NORDLAND GP
1765	HORDALAND GP
2302	VADE FM
2319	NO FORMAL NAME
2860	ROGALAND GP
2860	BALDER FM
2898	SELE FM
2946	LISTA FM
2964	VÅLE FM
3016	SHETLAND GP
3016	EKOFISK FM
3094	TOR FM
3436	HOD FM
3486	CROMER KNOLL GP
3486	UNDIFFERENTIATED
3500	TUXEN FM
3503	ÅSGARD FM
3585	TYNE GP
3585	MANDAL FM
3588	FARSUND FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - DIR	106	216
MWD - GR RES DIR	216	1196

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	206.0	36	216.0	0.00	LOT
SURF.COND.	13 3/8	994.5	17 1/2	1001.0	1.81	LOT
INTERM.	9 5/8	3181.0	12 1/4	3189.0	1.85	LOT
OPEN HOLE		4105.0	8 1/2	4105.0	0.00	LOT



Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm ³]	Viskositet, slam [mPa.s]	Fløtegrense [Pa]	Type slam	Dato, måling
216	1.10	22.0		KCL/GEM	
570	1.16	31.0		KCL/GEM	
955	1.21	23.0		KCL/GEM	
1001	1.22	26.0		GEM/Polymer	
1001	1.58	40.0		ENVIROMUL	
1001	1.22	24.0		KCL/GEM	
1045	1.59	45.0		ENVIROMUL	
1196	1.21	22.0		KCL/GEM	
1196	1.20	19.0		KCL/GEM	
2301	1.64	40.0		ENVIROMUL	
3494	1.57	34.0		ENVIROMUL	
4105	1.02	1.0		Seawater	
4105	1.57	37.0		ENVIROMUL	