



Generell informasjon





Brønnbane navn	35/6-2 S
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	35/6-2
Seismisk lokalisering	ST98M08-inline2286 & xline 3024
Utvinningstillatelse	376
Boreoperatør	StatoilHydro Petroleum AS
Boretillatelse	1234-L
Boreinnretning	OCEAN VANGUARD
Boredager	51
Borestart	11.02.2009
Boreslutt	04.04.2009
Frigitt dato	06.01.2010
Publiseringsdato	23.12.2010
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	22.0
Vanndybde ved midlere havflate [m]	344.0
Totalt målt dybde (MD) [m RKB]	3700.0
Totalt vertikalt dybde (TVD) [m RKB]	3583.2
Maks inklinasjon [°]	33.6
Temperatur ved bunn av brønnbanen [°C]	121
Eldste penetrerte alder	EARLY CRETACEOUS
Eldste penetrerte formasjon	NO FORMAL NAME
Geodetisk datum	ED50
NS grader	61° 32' 0.98" N
ØV grader	3° 54' 40.72" E
NS UTM [m]	6822726.85
ØV UTM [m]	548461.38
UTM sone	31
NPDID for brønnbanen	6063



Brønnhistorie

General

Well 35/6-2 S was drilled on the Måløy Slope in the Northern North Sea, in the block just north of the Gjøa field and the 35/9-3 Discovery. The main objectives were to prove hydrocarbons in the Early Cretaceous Grosso prospect and the Late Cretaceous Silius prospect. It is a replacement well for well 35/6-1 S, which was abandoned due to a shallow water flow.

Operations and results

A 12 1/4" pilot well (35/6-U-1) was spudded with the semi-submersible installation Ocean Vanguard 10 February 2009 and drilled to 585 m, the expected TD of 20" casing in the new well 35/6-2 S, in order to check for high pressure shallow water. The pilot well was flow checked and no flow was seen. Wildcat well 35/6-2 S was spudded on 4 February 2009 and drilled to TD at 3700 m (3583 m TVD) in Hauterivian aged sandstones within the Cromer Knoll Group where drilling was terminated due to hole problems. The well path was vertical down to ca 1830 m. From there the deviation angle increased up to maximum 33.6 deg at 2800 m and dropped of to ca 9 deg at TD. The well was drilled with seawater and hi-vis pills down to 585 m, with Performadril water based mud with 2.5 - 5% glycol from 585 m to 1662 m, and with Spec 12c yellow oil based mud from 1662 m to TD.

The well penetrated rocks of Quaternary, Tertiary and Cretaceous age. The well encountered the Silius reservoir at 2195 m (2190.2 m TVD) and the extensive Grosso sandstones (Agat Formation) at 3015 m (2931 m TVD). Both reservoirs were water wet. A third sand-prone interval from 3500 m to 3700 m (TD) was penetrated. This interval was dated as earliest Late Hauterivian to Early Hauterivian and is therefore of age-equivalence to the Ran Sandstone Units of the Åsgard Formation. No shows were recorded in the well.

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

The well was permanently abandoned on 4 April 2009 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
588.00	3690.00

Borekaks tilgjengelig for prøvetaking?	YES
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Palynologiske preparater i Sokkeldirektoratet



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 17.5.2024 - 02:02

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
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610.0	[m]	DC	MILLEN
620.0	[m]	DC	MILLEN
630.0	[m]	DC	MILLEN
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Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 17.5.2024 - 02:02

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Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 17.5.2024 - 02:02

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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
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532	HORDALAND GP
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622	NO FORMAL NAME
627	ROGALAND GP
627	BALDER FM
669	NO FORMAL NAME
730	SELE FM
852	LISTA FM
1335	VÅLE FM
1355	SHETLAND GP
1355	JORSALFARE FM
1411	KYRRE FM
2195	NO FORMAL NAME
2211	KYRRE FM
2375	TRYGGVASON FM
2620	BLODØKS FM
2657	SVARTE FM
2946	CROMER KNOLL GP
2946	RØDBY FM
3015	AGAT FM
3391	ÅSGARD FM
3500	NO FORMAL NAME

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DSI PEX	1659	3008
DSI PEX	3009	3620
MDT	2101	2208
MDT	3040	3580
MWD LWD - ARCVRES8 POWERPULSE	1659	3008



MWD LWD - ARCVRS9 POWERPULSE	429	1659
MWD LWD - GVR6 ARCVRS6 TELESCOPE	3012	3620
MWD LWD - TELE & ACOSCOPE VSONIC	3620	3700
VSP	670	3500

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	426.0	36	426.0	0.00	LOT
SURF.COND.	20	581.0	26	582.0	1.57	LOT
INTERM.	13 3/8	1654.0	17 1/2	1662.0	1.51	LOT
INTERM.	9 5/8	3007.0	12 1/4	3008.0	1.50	LOT
OPEN HOLE		3700.0	8 1/2	3700.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
580	1.17	21.0		Spud Mud	
610	1.14	20.0		HPWBM	
625	1.15	17.0		HPWBM	
655	1.12	20.0		HPWBM	
801	1.15	28.0		HPWBM	
919	1.14	31.0		HPWBM	
1360	1.15	25.0		HPWBM	
1659	1.14	32.0		HPWBM	
1810	1.24	39.0		OBM-Standard	
2970	1.20	21.0		OBM-Standard	
2977	1.28	20.0		OBM-Standard	
3355	1.28	20.0		OBM-Standard	
3620	1.28	22.0		OBM-Standard	
3693	1.36	24.0		OBM-Standard	
3700	1.27	21.0		OBM-Standard	