



Generell informasjon

Brønnbane navn	30/9-25
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	30/9-25
Seismisk lokalisering	ST10007 xline 1624 & inline 1590
Utvinningstillatelse	104
Boreoperatør	Statoil Petroleum AS
Boretillatelse	1471-L
Boreinnretning	OCEAN VANGUARD
Boredager	40
Borestart	10.08.2013
Boreslutt	20.09.2013
Frigitt dato	20.09.2015
Publiseringsdato	20.09.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	22.0
Vanndybde ved midlere havflate [m]	100.0
Totalt målt dybde (MD) [m RKB]	3220.0
Totalt vertikalt dybde (TVD) [m RKB]	3217.0
Maks inklinasjon [°]	8.4
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	NESS FM
Geodetisk datum	ED50
NS grader	60° 20' 6.13" N
ØV grader	2° 47' 47.63" E
NS UTM [m]	6688898.80
ØV UTM [m]	488767.18
UTM sone	31
NPDID for brønnbanen	7249



Brønnhistorie

General

Well 30/9-25 was drilled on the Cerberus prospect about six kilometres south of the Oseberg Sør facility in the North Sea. The primary objective was to appraise the hydrocarbon potential in the upper Tarbert Formation and Intra-Heather Formation sandstones. Secondary objective was to test the presence and hydrocarbon potential of Intra-Draupne Formation sandstone

Operations and results

Appraisal well 30/9-25 was spudded with the semi-submersible installation Ocean Vanguard on 10 August 2013 and drilled to TD at 3220 m in the Middle Jurassic Ness Formation. No shallow gas was encountered in the well and the operations proceeded without significant problems. The well was drilled with seawater and hi-vis sweeps down to 445 m, with KCl/polymer/glycol mud from 445 m to 1552 m and with XP-07 oil based mud from 1552 m to TD.

Reservoir sandstones were encountered in Heather, Tarbert and Ness Formations, but they were dry. No Intra-Draupne Formation sandstone was present. The only hydrocarbon indications were shows on the core +/- 2910 m in Intra-Heather Formation sandstone and +/- 2913 m in the upper Tarbert Formation.

One 54 m core was cut from 2897 m in the Heather Formation to 2951 m in the upper Tarbert Formation with 100% recovery. The core - log depth shift was found to be +4.5 m. No pressure or fluid samples were taken due to hole instability during the MDT run.

The well was permanently abandoned on 20 September 2013 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
450.00	3220.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	2897.0	2950.9	[m]

Total kjerneprøve lengde [m]	53.9
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Kjerner tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
122	NORDLAND GP
581	UTSIRA FM
811	HORDALAND GP
1439	GRID FM
2069	ROGALAND GP
2069	BALDER FM
2130	SELE FM
2191	LISTA FM
2291	VÅLE FM
2366	SHETLAND GP
2366	HARDRÅDE FM
2611	KYRRE FM
2678	TRYGGVASON FM
2688	SVARTE FM
2768	CROMER KNOLL GP
2768	RØDBY FM
2805	ÅSGARD FM
2823	VIKING GP
2823	DRAUPNE FM
2835	HEATHER FM
2945	BRENT GP
2945	TARBERT FM
3137	NESS FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - ARCVRES9 TELE	189	1551
MWD - PDX5 ARCVRES8 TELE	1552	2693
MWD - RAB6 ARC6 TELE	2693	3220

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	184.0	36	184.0	0.00	
SURF.COND.	20	437.0	26	445.0	1.40	FIT
INTERM.	13 3/8	1543.5	17 1/2	1556.0	1.70	LOT
INTERM.	9 5/8	2692.0	12 1/4	2693.0	1.60	LOT
OPEN HOLE		3220.0	8 1/2	3220.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
189	1.35	14.0		Spud Mud	
189	1.60	20.0		KCl/Polymer/Glycol	
445	1.35	14.0		Spud Mud	
445	1.60	20.0		KCl/Polymer/Glycol	
445	1.20	21.0		KCl/Polymer/GEM	
458	1.20	23.0		KCl/Polymer/GEM	
570	1.21	19.0		KCl/Polymer/GEM	
1552	1.45	16.0		XP-07 - Yellow	
2405	1.25	6.0		XP-07 - Yellow	
2693	1.45	19.0		XP-07 - Yellow	
3220	1.22	6.0		XP-07 - Yellow	
3220	1.23	8.0		XP-07 - Yellow	
3220	1.24	6.0		XP-07 - Yellow	