Generell informasjon

Brønnbane navn	25/9-4
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	25/9-4
Seismisk lokalisering	3D survey NO07M01-inline 3403 & xline 4293
Utvinningstillatelse	628
Boreoperatør	Statoil Petroleum AS
Boretillatelse	1490-L
Boreinnretning	OCEAN VANGUARD
Boredager	47
Borestart	10.01.2014
Boreslutt	27.02.2014
Frigitt dato	27.02.2016
Publiseringsdato	27.02.2016
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	22.0
Vanndybde ved midlere havflate [m]	116.0
Totalt målt dybde (MD) [m RKB]	2419.0
Totalt vertikalt dybde (TVD) [m RKB]	2419.0
Maks inklinasjon [°]	0.6
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	SLEIPNER FM
Geodetisk datum	ED50
NS grader	59° 25' 24.36'' N
ØV grader	2° 47' 15.1'' E
NS UTM [m]	6587375.13
ØV UTM [m]	487942.60
UTM sone	31
NPDID for brønnbanen	7299

Brønnhistorie

General

Well 25/9-4 was drilled to test the Tastaveden prospect on the western flank of the Stord Basin in the North Sea. The primary objective was to prove commercial resources within the Hugin and Sleipner Formations of the Vestland Group.

Operations and results

Wildcat well 25/9-4 was spudded with the semi-submersible installation Ocean Vanguard on 10 January 2014 and drilled to TD at 2419 m in the Middle Jurassic Sleipner Formation. After reaching TD in the 12 1/4" section running of the BOP was delayed for two weeks due to bad weather. In addition, trouble shooting and repairs of the BOP was needed before the BOP could finally be set. The well was drilled with Seawater and hi-vis sweeps down to 1128 m and with XP-07 oil based mud from 1128 m to TD.

The Vestland Group was encountered with top Hugin Formation at 2372 m and top Sleipner Formation at 2391 m. The Vestland Group was dry without shows as was the rest of the sections penetrated by the well. Post-well analyses proved oil-prone but immature source rock in the Draupne and Heather formations, and confirmed a total lack of migrated hydrocarbons in the well.

No cores were cut and no fluid sample was taken.

The well was permanently abandoned on 27 February 2014 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1130.00	2417.00

Borekaks tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
138	NORDLAND GP
138	UNDIFFERENTIATED
716	UTSIRA FM
1096	HORDALAND GP
1096	UNDIFFERENTIATED

1322	GRID FM
1336	UNDIFFERENTIATED
1575	GRID FM
1606	UNDIFFERENTIATED
1902	ROGALAND GP
1902	BALDER FM
1964	SELE FM
2018	LISTA FM
2087	VÅLE FM
2100	SHETLAND GP
2100	TRYGGVASON FM
2137	SVARTE FM
2197	CROMER KNOLL GP
2197	RØDBY FM
2281	SOLA FM
2296	ÅSGARD FM
2308	VIKING GP
2308	DRAUPNE FM
2345	HEATHER FM
2372	VESTLAND GP
2372	HUGIN FM
2391	SLEIPNER FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DSI PEX XPT GR	1113	2421
MWD-DIR	138	191
MWD-DIR GR RES	191	2419

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	187.0	36	192.5	0.00	
LINER	9 5/8	1113.6	12 1/4	1128.0	1.61	FIT
OPEN HOLE		2419.0	8 1/2	2419.0	0.00	

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
191	1.03	16.0		Seawater	
191	1.60	32.0		KCl/Polymer/GEM	
191	1.35	15.0		KCl/Polymer/Glycol	
1126	1.35	23.0		XP-07 - Yellow	
1221	1.35	27.0		XP-07 - Yellow	
2083	1.35	22.0		XP-07 - Yellow	
2419	1.35	22.0		XP-07 - Yellow	