



Generell informasjon

Brønnbane navn	6407/8-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6407/8-1
Seismisk lokalisering	BPN 89-129 & SP. 693
Utvinningstillatelse	158
Boreoperatør	BP Norway Limited U.A.
Boretillatelse	726-L
Boreinnretning	ROSS ISLE
Boredager	73
Borestart	27.03.1992
Boreslutt	07.06.1992
Frigitt dato	07.06.1994
Publiseringsdato	02.03.2004
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	SHOWS
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	LATE CRETACEOUS
1. nivå med hydrokarboner, formasjon.	LANGE FM
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	284.0
Totalt målt dybde (MD) [m RKB]	4650.0
Totalt vertikalt dybde (TVD) [m RKB]	4645.0
Maks inklinasjon [°]	6.9
Temperatur ved bunn av brønnbanen [°C]	100
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	MELKE FM
Geodetisk datum	ED50
NS grader	64° 23' 29.16" N
ØV grader	7° 21' 26.14" E
NS UTM [m]	7141835.21



ØV UTM [m]	420778.76
UTM sone	32
NPDID for brønnbanen	1859

Brønnhistorie

General

Well 6407/8-1 is located north of the Njord Field and east of the Draugen Field. The objective of the well was to test an interpreted Late Jurassic submarine fan prospect within the Viking Group. If successful, the well would prove a new play fairway on the Halten Terrace. No additional targets had been mapped at the well location.

Operations and results

Well 6407/8-1 was spudded with the semi-submersible installation Ross Isle on 27 March 1992 and drilled to a total depth of 4650 m in the Middle Jurassic Melke Formation. A 9 7/8" pilot hole was drilled to 1100 m in the event of shallow gas. No gas was encountered. The well was opened up and drilled with seawater and hi-vis pills down to 1106 m and with gyp/polymer mud from 1106 m to TD.

Top Viking Group was encountered at 4094 m, 30m shallower than prognosis. No major sandstone was penetrated at prospect level or within the Viking Group. Minor sandstone and limestone horizons were penetrated within the Upper Cretaceous (Lange Formation, Early Turonian). These horizons were hydrocarbon bearing, recorded on logs as well as in the form of oil shows. Due to bad hole conditions no wire line logs were run below 3491 m. MWD GR and resistivity logs were however run below this depth. No cores were cut and no fluid samples were taken. The well was permanently abandoned on 7 June 1992 as a dry well with shows

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1120.00	4650.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
307	NORDLAND GP
307	NAUST FM
1110	KAI FM



1190	HORDALAND GP
1190	BRYGGE FM
1876	ROGALAND GP
1876	TARE FM
1931	TANG FM
2137	SHETLAND GP
2137	SPRINGAR FM
2283	NISE FM
2612	KVITNOS FM
2870	CROMER KNOLL GP
2870	LANGE FM
4062	LYR FM
4094	VIKING GP
4094	SPEKK FM
4306	MELKE FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
1859	pdf	0.48

Dokumenter - eldre Sökkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
1859_01_WDSS_General_Information	pdf	0.45
1859_02_WDSS_completion_log	pdf	0.23

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
1859_6407_8_1_COMPLETION_REPORT	pdf	11.52
1859_6407_8_1_COMPOSITE_LOG	pdf	1.77

Logger





Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CMT RET.	995	995
CST GR	2550	3328
DLL SLS CAL GR SP	1103	2476
DLL SLS LDL CNL CAL GR	1990	3489
FERFORATING	350	350
FPI	3300	3300
G-RING J-BASKET	0	1000
MWD - GR RES DIR	307	4650
PERFORATING	1000	1000
SLS GR VDL	1000	2469
WSS CHECKSHOT	600	3350

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
INTERM.	20	1105.0	26	1114.0	1.84	LOT
INTERM.	13 3/8	2469.0	17 1/2	2483.0	1.91	LOT
OPEN HOLE		4650.0	12 1/2	4650.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
620	1.03			WATER BASED	
1080	1.07			WATER BASED	
1100	1.07	48.0		WATER BASED	
1111	1.25	16.0		WATER BASED	
1346	1.79			WATER BASED	
1506	1.84			WATER BASED	
1742	1.84	53.0		WATER BASED	
1908	1.64	57.0		WATER BASED	
2057	1.64	55.0		WATER BASED	
2194	1.64	45.0		WATER BASED	
2286	1.60	44.0		WATER BASED	
2422	1.64	40.0		WATER BASED	
2480	1.64	15.0		WATER BASED	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 30.5.2024 - 12:46

2483	1.64	48.0		WATER BASED	
2609	1.60	53.0		WATER BASED	
2717	1.60	47.0		WATER BASED	
2808	1.60	44.0		WATER BASED	
2829	1.60	44.0		WATER BASED	
2860	1.60	40.0		WATER BASED	
2918	1.60	36.0		WATER BASED	
2928	1.60	37.0		WATER BASED	
3000	1.60	40.0		WATER BASED	
3076	1.60	44.0		WATER BASED	
3157	1.60	42.0		WATER BASED	
3243	1.60	39.0		WATER BASED	
3342	1.60	36.0		WATER BASED	
3481	1.60	40.0		WATER BASED	
3656	1.60	35.0		WATER BASED	
3660	1.62	41.0		WATER BASED	
3673	1.70	48.0		WATER BASED	
3718	1.73	44.0		WATER BASED	
3798	1.73	41.0		WATER BASED	
3843	1.73	41.0		WATER BASED	
3847	1.73	36.0		WATER BASED	
3901	1.73	38.0		WATER BASED	
3944	1.73	34.0		WATER BASED	
3995	1.73	37.0		WATER BASED	
4000	1.80	36.0		OIL BASED	
4052	1.73	30.0		WATER BASED	
4109	1.73	28.0		WATER BASED	
4138	1.73	30.0		WATER BASED	
4159	1.73	31.0		WATER BASED	
4277	1.73	33.0		WATER BASED	
4349	1.73	30.0		WATER BASED	
4443	1.73	37.0		WATER BASED	
4468	1.76	38.0		WATER BASED	
4552	1.76	36.0		WATER BASED	
4594	1.76	36.0		WATER BASED	
4633	1.76	38.0		WATER BASED	
4650	1.80	34.0		OIL BASED	