



Generell informasjon

Brønnbane navn	6407/9-7
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6407/9-7
Seismisk lokalisering	ST 8607 - 409 & SP. 119.1
Utvinningstillatelse	093
Boreoperatør	A/S Norske Shell
Boretillatelse	577-L
Boreinnretning	TREASURE SCOUT
Boredager	30
Borestart	26.04.1988
Boreslutt	25.05.1988
Frigitt dato	25.05.1990
Publiseringsdato	02.03.2004
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	241.0
Totalt målt dybde (MD) [m RKB]	2561.0
Totalt vertikalt dybde (TVD) [m RKB]	2561.0
Maks inklinasjon [°]	2
Temperatur ved bunn av brønnbanen [°C]	74
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	RED BEDS (INFORMAL)
Geodetisk datum	ED50
NS grader	64° 29' 48.05" N
ØV grader	7° 51' 44.9" E
NS UTM [m]	7153029.89
ØV UTM [m]	445350.25
UTM sone	32
NPDID for brønnbanen	1057



Brønnhistorie

General

Well 6407/9-7 was located on the crest of the "Husky" structure approximately 11 km NNE of Draugen well 6407/9-2.

The main objectives of the well were: to evaluate the hydrocarbon potential of the Middle Jurassic sandstones of the "Husky" prospect; to evaluate the Early Jurassic sands; to fulfil the work obligation of the licence by drilling a second exploration well into the Triassic.

Operations and results

Wildcat well 6407/9-7 was spudded with Wilh. Wilhelmsen semi-submersible installation Treasure Scout on 26 April 1988 and drilled to TD at 2561 m in the Triassic Red Beds. The well was drilled with Seawater and hi-vis pills down to 810 m and with KCl/Polymer mud from 810 m to TD. The drilling proceeded without problems. No shallow gas was encountered.

The target Middle and Early Jurassic reservoir sands were well developed, particularly in the Garn Formation. There were no signs of hydrocarbons, either within the Jurassic sequence or in the overlying section. The well was considered a conclusive dry test of the Husky structure.

No cores were cut and no fluid samples were taken. The well was permanently abandoned on 25 May 1988 as a dry well.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
820.00	2559.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
264	NORDLAND GP
264	NAUST FM
907	HORDALAND GP
907	BRYGGE FM



1476	ROGALAND GP
1476	TARE FM
1515	TANG FM
1639	SHETLAND GP
1666	CROMER KNOLL GP
1666	LANGE FM
1692	VIKING GP
1692	SPEKK FM
1714	FANGST GP
1714	GARN FM
1834	NOT FM
1864	ILE FM
1926	BÅT GP
1926	ROR FM
2043	TILJE FM
2139	ÅRE FM
2439	GREY BEDS (INFORMAL)
2526	RED BEDS (INFORMAL)

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
1057	pdf	0.42

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
1057_1	pdf	2.66

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
1057_01_WDSS_General_Information	pdf	0.19
1057_02_WDSS_completion_log	pdf	0.17





Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
1057 6407 9 7 COMPLETION REPORT AND LOG	pdf	15.43

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CBL VDL GR	650	1701
CHECK SHOTS	270	2560
CST GR	800	1679
CST GR	1704	2550
ISF CNL GR CAL	800	1679
ISF LSS GR SP	340	809
ISF LSS GR SP	1701	2558
LDL CNL GR CAL	340	809
LDL CNL NGL CAL	1701	2559
MWD - DLWD	354	2561
RFT GR	0	0
SHDT	1701	2559

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	339.0	36	348.0	0.00	LOT
SURF.COND.	20	799.0	26	810.0	1.42	LOT
INTERM.	9 5/8	1698.0	12 1/4	1708.0	1.50	LOT
OPEN HOLE		2561.0	8 1/2	2561.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
309	1.03	1200.0	80.0	WATER BASED	02.05.1988
348	1.03	1200.0	800.0	WATER BASED	02.05.1988





388	1.02			WATER BASED	12.05.1987
455	1.04			WATER BASED	14.05.1987
461	1.04			WATER BASED	14.05.1987
463	1.02			WATER BASED	18.05.1987
463	1.04			WATER BASED	19.05.1987
525	1.04			WATER BASED	21.05.1987
569	1.03	1200.0	800.0	WATER BASED	02.05.1988
800	1.04	1200.0	800.0	WATER BASED	03.05.1988
800	1.03	1200.0	12.0	WATER BASED	05.05.1988
800	1.03	1200.0	12.0	WATER BASED	06.05.1988
810	1.04	1200.0	12.0	WATER BASED	03.05.1988
815	1.30			WATER BASED	09.05.1988
1139	1.30			WATER BASED	09.05.1988
1455	1.31	26.0	11.0	WATER BASED	13.05.1988
1679	1.31	26.0	8.0	WATER BASED	13.05.1988
1708	1.32	24.0	9.0	WATER BASED	13.05.1988
1708	1.32	23.0	7.0	WATER BASED	13.05.1988
1833	1.20	26.0	9.0	WATER BASED	16.05.1988
1846	1.20	25.0	9.0	WATER BASED	16.05.1988
2186	1.20	24.0	8.0	WATER BASED	18.05.1988
2322	1.20	17.0	7.0	WATER BASED	18.05.1988
2355	0.00			WATER BASED	19.05.1988
2411	1.20	15.0	6.0	WATER BASED	19.05.1988
2561	1.20	15.0	7.0	WATER BASED	24.05.1988

Trykkplott

Porertrykksdataene kommer fra logging i brønnen hvis ingen annen kilde er oppgitt. I noen brønner der trykk ikke er logget, er det brukt informasjon fra formasjonstester eller brønnspark. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

Dokument navn	Dokument format	Dokument størrelse [KB]
1057_Formation_pressure_(Formasjonstrykk)	pdf	0.30

