



Generell informasjon

Brønnbane navn	25/7-1 S
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	25/7-1
Seismisk lokalisering	CN 8525 - 11 SP. 326
Utvinningstillatelse	103
Boreoperatør	Conoco Norway Inc.
Boretillatelse	512-L
Boreinnretning	NORTRYM
Boredager	97
Borestart	14.04.1986
Boreslutt	19.07.1986
Frigitt dato	19.07.1988
Publiseringsdato	10.01.2010
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	127.0
Totalt målt dybde (MD) [m RKB]	3592.0
Totalt vertikalt dybde (TVD) [m RKB]	3495.0
Maks inklinasjon [°]	32
Temperatur ved bunn av brønnbanen [°C]	114
Eldste penetrerte alder	PRE-DEVONIAN
Eldste penetrerte formasjon	BASEMENT
Geodetisk datum	ED50
NS grader	59° 18' 35.23" N
ØV grader	2° 16' 5.37" E
NS UTM [m]	6574928.80
ØV UTM [m]	458330.76
UTM sone	31
NPDID for brønnbanen	898



Brønnhistorie

General

Well 25/7-1 S was drilled in the southern part of the Viking Graben, close to the UK border. The primary objective was test Late Jurassic sands in a down thrown fault block located northwest of the Balder Field. Secondary objectives were Middle Jurassic sandstones and the Paleocene Heimdal Formation sands, if developed. Prognosed TD was 4525 m.

Operations and results

Wildcat well 25/7 1S was spudded with the semi-submersible installation Nortrym on 14 April 1986 and drilled to TD at 3592 m in Silurian basement. While tripping from 1525 m the pipe became stuck and this resulted in a 38 m fish being left in the hole from 1067 to 1105 m. The kick off to bypass the fish was at 1024 m. The hole was then drilled to 2094 m before becoming stuck at 1930 m during a trip. The drill string was freed again after 5 days. Drilling then proceeded to 2477 m at which depth the pipe became stuck for a further 17 hours. The well was drilled with seawater down to 1024 and with KCl/polymer mud from 1024 m to TD. Two % diesel was added to the mud below 3241 m to alleviate high torque.

The original geological model for the prospect was wrong. Jurassic - Devonian rocks were not found. A possible explanation is that drilling took place along a fault zone. No good hydrocarbon indications or fluorescence were observed in the well. One sample at 2084 m (Balder Formation) was described as having an orange/brown medium fluorescence, occasionally bright, with a fast, strong, cream/white fluorescent cut.

Onecore was cut at 3547.0 - 3554.8 m across an indeterminate, possibly Triassic section overlying basement, and a second at 3589.0 - 3592.0 m in basement rock. No wire line fluid samples were taken.

The well was permanently abandoned on 19 July 1986 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
260.00	3590.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet



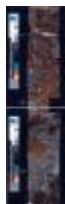
Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	3589.0	3591.5	[m]
2	3547.0	3554.8	[m]

Total kjerneprøve lengde [m]	10.4
Kjerner tilgjengelig for prøvetaking?	YES

Kjernebilder



3547-3555m



3547-3555m



3547-3555m



3547-3555m



3547-3555m



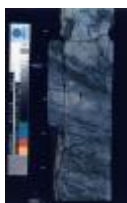
3547-3555m



3547-3555m



3547-3555m



3547-3555m



3547-3555m



3547-3555m



3547-3555m



3547-3555m



3547-3555m



3589-3592m



3589-3592m



3589-3592m



3589-3592m



3589-3592m

Palynologiske preparater i Sokkeldirektoratet



Prøve dybde	Dybde enhet	Prøve type	Laboratorie
1901.0	[m]	DC	RRI
1919.0	[m]	DC	RRI
1940.0	[m]	DC	RRI
1961.0	[m]	DC	RRI
1979.0	[m]	DC	RRI
2000.0	[m]	DC	RRI
2009.0	[m]	DC	RRI
2024.0	[m]	DC	RRI
2069.0	[m]	DC	RRI
2081.0	[m]	DC	RRI
2090.0	[m]	DC	RRI
2111.0	[m]	DC	RRI
2120.0	[m]	DC	RRI
2141.0	[m]	DC	RRI
2159.0	[m]	DC	RRI
2411.0	[m]	DC	RRI
2447.0	[m]	DC	RRI

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
152	NORDLAND GP
507	UTSIRA FM
925	HORDALAND GP
1017	SKADE FM
1992	ROGALAND GP
1992	BALDER FM
2066	SELE FM
2177	HEIMDAL FM
2414	TY FM
2572	SHETLAND GP
2572	EKOFISK FM
2615	TOR FM
2859	HOD FM
3217	HIDRA FM
3522	CROMER KNOLL GP
3522	RØDBY FM
3551	BASEMENT



Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
898 01 WDSS General Information	pdf	0.22
898 02 WDSS completion log	pdf	0.33

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
898 01 25 7 1 S Completion Log	pdf	2.68
898 01 25 7 1 S Completion report	pdf	13.83

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
HRT CCL	60	2300
ISF LSL MSFL GR	3285	2401
ISF SLS GR SP	3272	3349
ISF SLS GR SP	3450	3592
ISF SLS MSFL GR	252	2200
LDL CNL GR	1010	2201
LDL CNL GR	2523	2808
LDL CNL GR	3272	3592
SHDT GR	3272	3592
VELOCITY	1000	3575
WST VSP	1000	3575

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	252.0	36	252.0	0.00	LOT
INTERM.	20	1009.0	26	1024.0	0.00	LOT
INTERM.	13 3/8	2396.0	17 1/2	2409.0	0.00	LOT
INTERM.	9 5/8	3273.0	12 1/4	3286.0	0.00	LOT





Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
252	1.04	60.0	2681.0	WATER BASED	16.04.1986
727	1.13			WATER BASED	18.04.1986
1024	1.10			WATER BASED	21.04.1986
1108	1.20	20.0	25.0	WATER BASED	02.05.1986
1151	1.08	10.0	20.0	WATER BASED	25.04.1986
1525	1.20	18.0	23.0	WATER BASED	28.04.1986
1725	1.28	24.0	29.0	WATERBASED	06.05.1986
1934	1.30	24.0	29.0	WATERBASED	06.05.1986
2094	1.32	24.0	20.0	WATERBASED	12.05.1986
2094	0.00	32.0	22.0	WATERBASED	13.05.1986
2167	1.32	34.0	27.0	WATER BASED	19.05.1986
2233	1.32	37.0	23.0	WATER BASED	19.05.1986
2378	1.32	38.0	26.0	WATER BASED	19.05.1986
2409	1.31	40.0	36.0	WATERBASED	23.05.1986
2409	1.33	38.0	20.0	WATERBASED	05.06.1986
2468	1.32	38.0	30.0	WATERBASED	05.06.1986
3206	1.40	30.0	25.0	WATERBASED	15.06.1986
3220	1.50	41.0	15.0	WATERBASED	16.06.1986
3241	1.56	40.0	15.0	WATERBASED	17.06.1986
3285	1.68	47.0	16.8	WATERBASED	19.06.1986
3286	1.73	47.0	14.4	WATERBASED	22.06.1986
3383	1.90	38.0	12.4	WATERBASED	29.06.1986
3421	1.90	38.0	10.5	WATERBASED	29.06.1986
3476	1.92	38.0	10.5	WATERBASED	02.07.1986
3592	1.92	28.0	8.6	WATERBASED	13.07.1986
3592	0.00	28.0	8.6	WATERBASED	13.07.1986
3592	0.00	25.0	7.2	WATERBASED	16.07.1986
3592	0.00	19.0	4.3	WATERBASED	17.07.1986
3592	0.00			WATERBASED	19.07.1986