



Generell informasjon

Brønnbane navn	25/7-6
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	ALVHEIM
Funn	25/7-5
Brønn navn	25/7-6
Seismisk lokalisering	NH9603- INLINE 1142 & CROSSLINE 5450
Utvinningstillatelse	203
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	982-L
Boreinnretning	SCARABEO 6
Boredager	32
Borestart	13.09.2000
Boreslutt	14.10.2000
Frigitt dato	14.10.2002
Publiseringsdato	15.02.2006
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL SHOWS
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	26.0
Vanndybde ved midlere havflate [m]	124.0
Totalt målt dybde (MD) [m RKB]	2250.0
Totalt vertikalt dybde (TVD) [m RKB]	2250.0
Maks inklinasjon [°]	1.4
Temperatur ved bunn av brønnbanen [°C]	71
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	HEIMDAL FM
Geodetisk datum	ED50
NS grader	59° 29' 15.04" N
ØV grader	2° 0' 37.34" E
NS UTM [m]	6594908.84
ØV UTM [m]	443947.92



UTM sone	31
NPDID for brønnbanen	4141

Brønnhistorie

General

Well 25/7-6 was drilled to appraise the Kobra oil discovery made by well 25/7-5 in 1997. The main objectives of the well were to prove sufficient volumes to be able to initiate an oil development, and to identify an oil-water contact in an at least 20 m thick Hermod T80 sand member of the Sele Formation.

Operations and results

Wildcat well 25/7-6 was spudded with the semi-submersible installation Scarabeo 6 on 13 September 2000 and drilled to TD at 2250 m, 100 m into the Paleocene Heimdal Formation. Problems with the hole packing of in the section from 226 m to ca 790 m caused some delay and problems with setting the 13 3/8" casing. Otherwise no significant drilling problems were encountered. The well was drilled with spud mud down to 1345 m and with Glydril mud from 1345 m to TD.

Thirteen m of water bearing Hermod T80 sandstone was encountered at 2069 m. The sandstone had no residual hydrocarbons, but oil shows were recorded on the core from the same interval. The Heimdal Formation was encountered at 2149.5 and was also water wet according to logs and the MDT pressure gradient

One core was cut from 2061 m to 2079.65 m in the Sele/Hermod Formation. No fluid samples were taken in the well.

The well was permanently abandoned on 14 October 2000 as a well with shows.

Testing

No drill stem test was performed in the well.

Borekaks i Sökkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1350.00	2250.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sökkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	2061.0	2079.7	[m]



Total kjerneprøve lengde [m]	18.7
Kjerner tilgjengelig for prøvetaking?	YES

Kjernebilder



2061-2065m



2065-2069m



2069-2073m



2073-2077m



2077-2079m

Palynologiske preparater i Søkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
1350.0	[m]	DC	RRI
1370.0	[m]	DC	RRI
1390.0	[m]	DC	RRI
1410.0	[m]	DC	RRI
1430.0	[m]	DC	RRI
1450.0	[m]	DC	RRI
1470.0	[m]	DC	RRI
1490.0	[m]	DC	RRI
1510.0	[m]	DC	RRI
1530.0	[m]	DC	RRI
1550.0	[m]	DC	RRI
1570.0	[m]	DC	RRI
1600.0	[m]	DC	RRI
1620.0	[m]	DC	RRI
1640.0	[m]	DC	RRI
1660.0	[m]	DC	RRI
1680.0	[m]	DC	RRI
1700.0	[m]	DC	RRI
1720.0	[m]	DC	RRI
1740.0	[m]	DC	RRI
1760.0	[m]	DC	RRI
1780.0	[m]	DC	RRI
1800.0	[m]	DC	RRI



1820.0	[m]	DC	RRI
1840.0	[m]	DC	RRI
1870.0	[m]	DC	RRI
1891.0	[m]	DC	RRI
1900.0	[m]	DC	RRI
1910.0	[m]	DC	RRI
1920.0	[m]	DC	RRI
1930.0	[m]	DC	RRI
1940.0	[m]	DC	RRI
1950.0	[m]	DC	RRI
1960.0	[m]	DC	RRI
1970.0	[m]	DC	RRI
1982.0	[m]	DC	RRI
1995.0	[m]	DC	RRI
2005.0	[m]	DC	RRI
2010.0	[m]	DC	RRI
2017.0	[m]	DC	RRI
2022.0	[m]	DC	RRI
2030.0	[m]	DC	RRI
2035.0	[m]	DC	RRI
2040.0	[m]	DC	RRI
2045.0	[m]	DC	RRI
2050.0	[m]	DC	RRI
2055.0	[m]	DC	RRI
2060.0	[m]	DC	RRI
2061.0	[m]	C	RRI
2062.0	[m]	C	RRI
2063.0	[m]	C	RRI
2064.0	[m]	C	RRI
2065.0	[m]	C	RRI
2066.0	[m]	C	RRI
2067.0	[m]	C	RRI
2068.0	[m]	C	RRI
2082.0	[m]	DC	RRI
2087.0	[m]	DC	RRI
2090.0	[m]	DC	RRI
2095.0	[m]	DC	RRI
2100.0	[m]	DC	RRI
2105.0	[m]	DC	RRI
2110.0	[m]	DC	RRI



2115.0	[m]	DC	RRI
2120.0	[m]	DC	RRI
2130.0	[m]	DC	RRI
2140.0	[m]	DC	RRI
2150.0	[m]	DC	RRI
2160.0	[m]	DC	RRI
2170.0	[m]	DC	RRI
2180.0	[m]	DC	RRI
2190.0	[m]	DC	RRI
2200.0	[m]	DC	RRI
2210.0	[m]	DC	RRI
2220.0	[m]	DC	RRI
2230.0	[m]	DC	RRI
2240.0	[m]	DC	RRI
2250.0	[m]	DC	RRI

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
150	NORDLAND GP
447	UTSIRA FM
717	HORDALAND GP
1203	GRID FM
1305	NO FORMAL NAME
1931	ROGALAND GP
1931	BALDER FM
2042	SELE FM
2069	HERMOD FM
2082	SELE FM
2103	LISTA FM
2150	HEIMDAL FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
4141	pdf	0.21





Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
4141_25_7_6_COMPLETION_LOG	.pdf	2.36
4141_25_7_6_COMPLETION_REPORT	.PDF	4.61

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MDT GR	2270	2237
MWD CDR - GR RES DIR	150	2246
PEX DSI	1400	2237
VSI GR	1400	2230

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	223.0	36	225.0	1.60	LOT
SURF.COND.	13 3/8	1331.0	17 1/2	1345.0	1.65	LOT
INTERM.	9 5/8	1884.0	12 1/4	1891.0	0.00	LOT
OPEN HOLE		2250.0	8 1/2	2250.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
1345	1.45	26.0		WATER BASED	
1891	1.50	27.0		WATER BASED	
2006	1.20	13.0		WATER BASED	
2070	1.20	15.0		WATER BASED	
2210	1.20	15.0		WATER BASED	
2250	1.20	14.0		WATER BASED	

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 brønnspar. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

Dokument navn	Dokument format	Dokument størrelse [KB]
4141 Formation pressure (Formasjonstrykk)	pdf	0.21

