

**General information**

Wellbore name	6608/11-1
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Factmaps in new window	link to map
Main area	NORWEGIAN SEA
Well name	6608/11-1
Seismic location	NRGS 84 - 456 SP. 3540
Production licence	128
Drilling operator	Den norske stats oljeselskap a.s
Drill permit	523-L
Drilling facility	DYVI STENA
Drilling days	26
Entered date	19.07.1986
Completed date	13.08.1986
Release date	13.08.1988
Publication date	15.12.2006
Purpose - planned	WILDCAT
Reentry	NO
Content	DRY
Discovery wellbore	NO
Kelly bushing elevation [m]	25.0
Water depth [m]	381.0
Total depth (MD) [m RKB]	1620.0
Final vertical depth (TVD) [m RKB]	1620.0
Oldest penetrated age	LATE TRIASSIC
Oldest penetrated formation	GREY BEDS (INFORMAL)
Geodetic datum	ED50
NS degrees	66° 1' 4.02" N
EW degrees	8° 23' 38.67" E
NS UTM [m]	7322210.51
EW UTM [m]	472517.23
UTM zone	32
NPDID wellbore	936

**Wellbore history****General**

Well 6608/11-1 was drilled on the Nordland Ridge, west of the Helgeland Basin and east of the Norne Field area. The Primary objective was sandstones of Middle to Early Jurassic age. The well should drill into Triassic deposits expected at 2010 m and TD was planned at 2095 m.

Operations and results

Wildcat well 6608/11-1 was spudded with the semi-submersible installation Dyvi Stena on 19 July 1986. Due to unexpected geological development, the well was terminated already at 1620 m in Late Triassic Grey Beds. Drilling proceeded without significant problems. The well was drilled with seawater bentonite spud mud down to 695 m, with KCl/polymer mud from 695 m to 1619 m, and with bentonite/polymer mud from 1619 m to TD.

The well penetrated Pliocene rocks with traces of tuff, which were interpreted as re-worked Paleocene tuffaceous rocks. Due to erosion these Pliocene rocks were situated on top of the Paleocene deposits, implying that most of the Tertiary rocks are missing. The Paleocene sediments were resting on Early Jurassic sediments, Åre Formation at 1233 m. Only the lowermost part of the Åre Formation was present due to erosion, implying that the whole of the Cretaceous and most of the Jurassic succession is missing in the well. The penetrated Åre Formation consisted of interbedded sandstones and claystones with minor coal beds. The electrical logs showed that the formation was water filled. No shows were reported from any section in the well neither on-rig, or from post-well geochemical analyses.

One core was cut in the interval 1372 - 1397.7 m in Triassic rocks. No wire line pressure data or fluid samples were collected in the well.

The well was permanently abandoned on 13 August 1986 as a dry well

Testing

No drill stem test was performed

Cuttings at the Norwegian Offshore Directorate

Cutting sample, top depth [m]	Cutting samples, bottom depth [m]
525.00	1619.00

Cuttings available for sampling?	YES
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Cores at the Norwegian Offshore Directorate

Core sample number	Core sample - top depth	Core sample - bottom depth	Core sample depth - uom
1	1372.0	1397.7	[m]

Total core sample length [m]	25.7
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Cores available for sampling?	YES
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Core photos



1372-1377m



1377-1382m



1382-1387m



1387-1392m



1392-1397m



1372-1397m

Palynological slides at the Norwegian Offshore Directorate

Sample depth	Depth unit	Sample type	Laboratory
1184.9	[m]	DC	STRAT
1211.0	[m]	DC	STRAT
1223.9	[m]	DC	STRAT
1231.0	[m]	DC	STRAT
1243.0	[m]	DC	STRAT
1249.0	[m]	DC	STRAT
1265.9	[m]	DC	STRAT
1280.0	[m]	DC	STRAT
1322.0	[m]	DC	STRAT
1331.0	[m]	DC	STRAT
1340.0	[m]	DC	STRAT
1361.0	[m]	DC	STRAT
1372.0	[m]	DC	STRAT
1384.0	[m]	DC	STRAT
1397.0	[m]	DC	STRAT
1412.0	[m]	DC	STRAT
1421.0	[m]	DC	STRAT
1433.0	[m]	DC	STRAT



1442.0	[m]	DC	STRAT
1450.0	[m]	DC	STRAT
1463.0	[m]	DC	STRAT
1472.0	[m]	DC	STRAT
1490.0	[m]	DC	STRAT
1502.0	[m]	DC	STRAT
1511.0	[m]	DC	STRAT
1519.9	[m]	DC	STRAT
1532.0	[m]	DC	STRAT
1541.0	[m]	DC	STRAT
1550.0	[m]	DC	STRAT
1562.0	[m]	DC	STRAT
1571.0	[m]	DC	STRAT
1583.0	[m]	DC	STRAT
1595.0	[m]	DC	STRAT
1601.0	[m]	DC	STRAT
1615.0	[m]	DC	STRAT
1619.0	[m]	DC	STRAT

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
406	NORDLAND GP
406	NAUST FM
1177	ROGALAND GP
1177	TARE FM
1222	TANG FM
1233	BÅT GP
1233	ÅRE FM
1318	GREY BEDS (INFORMAL)

Geochemical information

Document name	Document format	Document size [MB]
936_1	pdf	0.39
936_2	pdf	0.45
936_3	pdf	1.06
936_4	pdf	3.74



**Documents - older Norwegian Offshore Directorate WDSS reports and other related documents**

Document name	Document format	Document size [MB]
936_01_WDSS_General_Information	pdf	0.21
936_02_WDSS_completion_log	pdf	0.16

Documents - reported by the production licence (period for duty of secrecy expired)

Document name	Document format	Document size [MB]
936_01_6608_11_1_Completion_report	pdf	6.90
936_02_6608_11_1_Completion_log	pdf	0.77
936_6608_11_1_COMPLETION_REPORT_AND_LOG	pdf	13.74

Logs

Log type	Log top depth [m]	Log bottom depth [m]
CST	715	1170
CST	1185	1615
ISF BHC GR	677	1170
ISF BHC MSFL GR	1165	1613
ISF LSS GR	519	693
LDL CNL GR	1165	1614
LDL GR	519	693
LDL GR	677	1171
MWD - GR RES	525	1620
SHDT GR	1165	1614
VSP	870	1615

Casing and leak-off tests

Casing type	Casing diam. [inch]	Casing depth [m]	Hole diam. [inch]	Hole depth [m]	LOT/FIT mud eqv. [g/cm3]	Formation test type
CONDUCTOR	30	519.0	36	524.0	0.00	LOT
SURF.COND.	20	677.0	26	695.0	1.42	LOT





INTERM.	13 3/8	1165.0	17 1/2	1185.0	1.50	LOT
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Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
695	1.12	700.0	30.5	WATER BASED	27.07.1986
695	1.10	1400.0	5.1	WATER BASED	30.07.1986
695	1.12	1100.0	33.0	WATER BASED	27.07.1986
757	1.10	1900.0	6.8	WATER BASED	31.07.1986
1015	1.30	2200.0	8.4	WATER BASED	11.08.1986
1066	1.11	1600.0	5.9	WATER BASED	01.08.1986
1182	1.21	2900.0	10.9	WATER BASED	04.08.1986
1182	0.00	2700.0	11.4	WATERBASED	04.08.1986
1185	1.25	2100.0	5.9	WATER BASED	04.08.1986
1276	1.35	2900.0	10.9	WATER BASED	05.08.1986
1372	1.33	3000.0	10.2	WATER BASED	06.08.1986
1399	1.28	2300.0	8.0	WATER BASED	07.08.1986
1620	1.28	2400.0	6.8	WATER BASED	08.08.1986
1620	1.30	2200.0	8.5	WATER BASED	11.08.1986