



Generell informasjon

Brønnbane navn	6204/10-1
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6204/10-1
Seismisk lokalisering	ST 9202-INLINE 398 & CROSSLINE 1130
Utvinningstillatelse	175
Boreoperatør	Den norske stats oljeselskap a.s
Boretillatelse	828-L
Boreinnretning	DEEPSEA BERGEN
Boredager	27
Borestart	28.10.1995
Boreslutt	23.11.1995
Frigitt dato	23.11.1997
Publiseringsdato	29.05.2002
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	188.0
Totalt målt dybde (MD) [m RKB]	2709.0
Totalt vertikalt dybde (TVD) [m RKB]	2707.0
Maks inklinasjon [°]	4.6
Temperatur ved bunn av brønnbanen [°C]	78
Eldste penetrerte alder	PRE-DEVONIAN
Eldste penetrerte formasjon	BASEMENT
Geodetisk datum	ED50
NS grader	62° 3' 20.5" N
ØV grader	4° 15' 36.6" E
NS UTM [m]	6881190.16
ØV UTM [m]	565883.94
UTM sone	31
NPDID for brønnbanen	2666



Brønnhistorie

General

The objectives of well 6204/10-1 were to prove economic hydrocarbon reserves in the J-prospect (Turonian) and support play concept and possibly prove hydrocarbon reserves in the Jurassic lead. Further objectives were to achieve stratigraphic information and possibly prove reservoir sand and new play concepts in the Tertiary, Turonian and Cenomanian levels.

Operations and results

Well 6204/10-1 was spudded with the semi-submersible rig "Deepsea Bergen" on 28 October 1995 and drilled to 2709 m in basement rock within the planned budget. The 30", 13 3/8" and 9 5/8" casing strings were successfully set. No drilling problems were encountered. The well was drilled with seawater / bentonite hi-vis pills / ANCO 2000 to 490 m and with KCl polymer mud from 490 m to TD. Four cores were cut, one in Tertiary and three in Cretaceous. No fluid samples were taken.

The well proved the geological model of the J-prospect. Unexpected conglomeratic sandstones devoid of fossils, probably eroded basement, were encountered in the lower part of the well and the well was terminated before reaching the planned TD. No hydrocarbons were encountered, and the well was plugged and abandoned as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
495.00	2709.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	811.0	827.6	[m]
2	1890.0	1898.9	[m]
3	1948.0	1955.0	[m]
4	1974.0	1994.2	[m]

Total kjerneprøve lengde [m]	52.6
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Kjerner tilgjengelig for prøvetaking? YES

Kjernebilder



811-816m



816-821m



821-826m



826-827m



1890-1895m



1895-1898m



1948-1953m



1953-1955m



1974-1979m



1979-1984m



1984-1989m



1989-1944m

Palynologiske preparater i Søkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
600.0	[m]	DC	STRAT
625.0	[m]	DC	STRAT
637.0	[m]	SWC	WESTLAB
640.0	[m]	DC	STRAT
660.0	[m]	DC	STRAT
670.0	[m]	DC	STRAT
700.0	[m]	DC	STRAT
715.0	[m]	SWC	WESTL
723.0	[m]	SWC	WESTL
740.0	[m]	DC	STRAT
744.0	[m]	SWC	WESTL



750.0 [m]	DC	STRAT
753.0 [m]	SWC	WESTL
774.0 [m]	SWC	WESTL
774.0 [m]	DC	STRATLAB
792.0 [m]	SWC	WESTLAB
805.0 [m]	DC	STRATLAB
811.0 [m]	C	WESTLAB
814.0 [m]	C	WESTLA
816.0 [m]	C	WESTLA
818.1 [m]	C	WESTLA
820.7 [m]	C	WESTLA
823.2 [m]	C	WESTLA
826.9 [m]	C	WESTLA
830.0 [m]	DC	STRATLAB
850.0 [m]	DC	STRATL
870.0 [m]	DC	STRATL
890.0 [m]	DC	STRATL
900.0 [m]	DC	STRATL
915.0 [m]	DC	STRATL
935.0 [m]	DC	STRATL
950.0 [m]	DC	STRATL
970.0 [m]	DC	STRATL
980.0 [m]	DC	STRATL
990.0 [m]	DC	STRATL
1010.0 [m]	DC	STRATL
1030.0 [m]	DC	STRATL
1050.0 [m]	DC	STRATL
1070.0 [m]	DC	STRATL
1090.0 [m]	DC	STRATL
1110.0 [m]	DC	STRATL
1130.0 [m]	DC	STRATL
1140.0 [m]	DC	STRATL
1150.0 [m]	DC	STRATL
1174.0 [m]	SWC	WESTLAB
1182.0 [m]	SWC	WESTLA
1190.0 [m]	DC	STRATLAB
1210.0 [m]	DC	STRATL
1220.0 [m]	DC	STRATL
1250.0 [m]	DC	STRATL
1260.0 [m]	SWC	WESTLAB



1280.0	[m]	DC	STRATLAB
1280.0	[m]	DC	STRATL
1300.0	[m]	DC	STRATL
1320.0	[m]	DC	STRATL
1340.0	[m]	DC	STRATL
1360.0	[m]	DC	STRATL
1370.0	[m]	DC	STRATL
1390.0	[m]	DC	STRATL
1400.0	[m]	DC	STRATL
1420.0	[m]	DC	STRATL
1440.0	[m]	DC	STRATL
1460.0	[m]	DC	STRATL
1480.0	[m]	DC	STRATL
1500.0	[m]	DC	STRATL
1520.0	[m]	DC	STRATL
1530.0	[m]	DC	STRATL
1540.0	[m]	DC	STRATL
1560.0	[m]	DC	STRATL
1570.0	[m]	DC	STRATL
1580.0	[m]	DC	STRATL
1600.0	[m]	DC	STRATL
1620.0	[m]	DC	STRATL
1640.0	[m]	DC	STRATL
1650.0	[m]	DC	STRATL
1659.0	[m]	SWC	WESTLAB
1680.0	[m]	DC	STRATLAB
1700.0	[m]	SWC	WESTLAB
1720.0	[m]	DC	STRATLAB
1750.0	[m]	SWC	WESTLAB
1760.0	[m]	DC	STRATLAB
1775.0	[m]	SWC	WESTLAB
1780.0	[m]	DC	STRATLAB
1805.0	[m]	SWC	WESTLAB
1820.0	[m]	SWC	WESTLA
1835.0	[m]	SWC	WESTLA
1845.0	[m]	SWC	WESTLA
1855.0	[m]	SWC	WESTLA
1857.0	[m]	DC	STRATLAB
1866.0	[m]	DC	STRATL
1867.0	[m]	SWC	WESTLAB



1898.5 [m]	C	WESTLA
1911.0 [m]	DC	STRATLAB
1929.0 [m]	DC	STRATL
1950.8 [m]	C	WESTLAB
1951.9 [m]	C	WESTLA
1954.4 [m]	C	WESTLA
1968.0 [m]	DC	STRATLAB
1981.4 [m]	C	WESTLAB
1986.7 [m]	C	WESTLA
1991.4 [m]	C	WESTLA
2010.0 [m]	DC	STRATLAB
2031.0 [m]	DC	STRATL
2054.0 [m]	SWC	WESTLAB
2088.0 [m]	SWC	WESTLA
2123.0 [m]	SWC	WESTLA
2130.0 [m]	SWC	WESTLA
2142.0 [m]	DC	STRATL
2160.0 [m]	SWC	WESTLA
2175.0 [m]	SWC	WESTLA
2190.0 [m]	DC	STRATLAB
2209.0 [m]	SWC	WESTLAB
2229.0 [m]	SWC	WESTLA
2250.0 [m]	DC	STRATLAB
2272.0 [m]	SWC	WESTLAB
2292.0 [m]	DC	STRATLAB
2305.0 [m]	SWC	WESTLAB
2319.0 [m]	DC	STRATLAB
2330.0 [m]	SWC	WESTLAB
2337.0 [m]	DC	STRATLAB
2351.0 [m]	SWC	WESTLAB
2370.0 [m]	SWC	WESTLA
2388.0 [m]	DC	STRATLAB
2409.0 [m]	DC	STRATL
2430.0 [m]	DC	STRATL
2460.0 [m]	SWC	WESTLAB
2495.0 [m]	SWC	WESTLA
2504.0 [m]	SWC	WESTLA
2520.0 [m]	SWC	WESTLA
2527.0 [m]	SWC	WESTLA
2537.0 [m]	SWC	WESTLA



2545.0	[m]	SWC	WESTLA
2550.0	[m]	SWC	WESTLA
2657.0	[m]	SWC	WESTLA
2679.0	[m]	DC	STRATLAB
2709.0	[m]	DC	STRATL

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
211	NORDLAND GP
636	HORDALAND GP
685	GRID FM
710	NO FORMAL NAME
744	ROGALAND GP
744	BALDER FM
819	LISTA FM
1113	VÅLE FM
1183	EGGA FM (INFORMAL)
1202	SHETLAND GP
1202	JORSALFARE FM
1250	KYRRE FM
1860	NO FORMAL NAME
2050	KYRRE FM
2305	BLODØKS FM
2335	SVARTE FM
2465	CROMER KNOLL GP
2465	RØDBY FM
2564	AGAT FM
2670	BASEMENT

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
2666	pdf	0.51

Geokjemisk informasjon





Dokument navn	Dokument format	Dokument størrelse [KB]
2666_1	pdf	0.51

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
2666_6204_10_1_COMPLETION_REPORT_AND_LOG	pdf	26.92

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DIFL ACL ZDL CN CHT	478	1640
DLL MAC ZDL CN SL	1635	2709
FMT GR	1872	2661
HEXDIP GR	1850	2709
RGD	272	2701
SWC GR	527	1260
SWC GR	1659	2705
VSP GR (ZO)	640	2700

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	273.0	36	275.0	0.00	LOT
INTERM.	13 3/8	478.0	17 1/2	490.0	1.35	LOT
INTERM.	9 5/8	1635.0	12 1/4	1649.0	1.57	LOT
OPEN HOLE		2709.0	8 1/2	2709.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
515	1.27	24.0		KCL/PAC/XANVIS	
809	1.13	18.0		KCL/PAC/XANVIS	





1175	1.13	16.0		KCL/PAC/XANVIS	
1649	1.25	22.0		KCL/PAC/XANVIS	
1661	1.25	21.0		KCL/PAC/XANVIS	
1890	1.25	20.0		KCL/PAC/XANVIS	
1907	1.25	21.0		KCL/PAC/XANVIS	
1955	1.25	22.0		KCL/PAC/XANVIS	
2242	1.30	25.0		KCL/PAC/XANVIS	
2579	1.27	27.0		KCL/PAC/XANVIS	
2586	1.27	27.0		KCL/PAC/XANVIS	
2615	1.27	25.0		KCL/PAC/XANVIS	
2654	1.27	23.0		KCL/PAC/XANVIS	
2699	1.27	24.0		KCL/PAC/XANVIS	
2709	1.27	23.0		KCL/PAC/XANVIS	

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]
2666_Formation_pressure_(Formasjonstrykk)	PDF	0.21

