



Generell informasjon

Brønnbane navn	15/12-2
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	15/12-2
Seismisk lokalisering	LINE 511-327 SP.485
Utvinningstillatelse	038
Boreoperatør	Den norske stats oljeselskap a.s
Boretillatelse	146-L
Boreinnretning	ROSS RIG (1)
Boredager	52
Borestart	07.01.1976
Boreslutt	27.02.1976
Frigitt dato	27.02.1978
Publiseringsdato	24.09.2004
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	86.0
Totalt målt dybde (MD) [m RKB]	2924.0
Totalt vertikalt dybde (TVD) [m RKB]	2922.0
Maks inklinasjon [°]	5
Temperatur ved bunn av brønnbanen [°C]	81
Eldste penetrerte alder	LATE PERMIAN
Eldste penetrerte formasjon	ZECHSTEIN GP
Geodetisk datum	ED50
NS grader	58° 8' 31.05" N
ØV grader	1° 55' 47.27" E
NS UTM [m]	6445161.61
ØV UTM [m]	436990.20
UTM sone	31
NPDID for brønnbanen	331



Brønnhistorie

General

Well 15/12-2 was drilled in order to evaluate Jurassic formations on a seismic structure located in the eastern part of block 15/12. The principal objective of the 15/12-2 well was to test the Dogger (Hugin Formation) sandstone, where oil shows had been encountered in the 15/12-1 well. A secondary object was a possible sand in the Paleocene.

Operations and results

Wildcat well 15/12-2 was spudded with the semi-submersible installation Ross Rig on 7 January 1976 and drilled to TD at 2924 m in Late Permian Zechstein anhydrite. The well was drilled with a lignosulphonate mud system.

No sand was found in the Paleocene. The Hugin Formation sandstone was found 304 meters higher than in the 15/12-1 well. The sandstone proved to have very good reservoir qualities, but was completely water bearing. There were sandstone stringers in the lower part of the Heather Formation. The Hugin Formation sand was cored from 2823 m to 2835.4 m, with no show. No fluid sampling was attempted in the well.

The well was permanently abandoned as a dry well on 27 February 1976.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
145.00	2924.00

Borekaks tilgjengelig for prøvetaking?	YES
--	-----

Borekjerne i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	2823.0	2835.4	[m]

Total kjerneprøve lengde [m]	12.4
Kjerner tilgjengelig for prøvetaking?	YES



Palynologiske preparater i Søkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
1005.0	[m]	DC	
1035.0	[m]	DC	
1065.0	[m]	DC	
1095.0	[m]	DC	
1125.0	[m]	DC	
1155.0	[m]	DC	
1185.0	[m]	DC	
1215.0	[m]	DC	
1245.0	[m]	DC	
1275.0	[m]	DC	
1295.0	[m]	DC	
1335.0	[m]	DC	
1375.0	[m]	DC	
1415.0	[m]	DC	
1455.0	[m]	DC	
1495.0	[m]	DC	
1535.0	[m]	DC	
1575.0	[m]	DC	
1615.0	[m]	DC	
1655.0	[m]	DC	
1695.0	[m]	DC	
1735.0	[m]	DC	
1775.0	[m]	DC	
1815.0	[m]	DC	
1845.0	[m]	DC	
1875.0	[m]	DC	
1905.0	[m]	DC	
1935.0	[m]	DC	
1965.0	[m]	DC	
1995.0	[m]	DC	
2015.0	[m]	DC	
2025.0	[m]	DC	
2045.0	[m]	DC	
2055.0	[m]	DC	
2065.0	[m]	DC	
2075.0	[m]	DC	
2085.0	[m]	DC	
2115.0	[m]	DC	



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 10.5.2024 - 13:15

2145.0	[m]	DC	
2175.0	[m]	DC	
2205.0	[m]	DC	
2235.0	[m]	DC	
2266.0	[m]	DC	
2294.0	[m]	DC	
2324.0	[m]	DC	
2354.0	[m]	DC	
2384.0	[m]	DC	
2390.0	[m]	SWC	
2414.0	[m]	DC	
2414.0	[m]	DC	
2444.0	[m]	DC	
2474.0	[m]	DC	
2475.0	[m]	DC	
2504.0	[m]	DC	
2505.0	[m]	DC	
2534.0	[m]	DC	
2555.0	[m]	DC	
2564.0	[m]	DC	
2575.0	[m]	DC	
2594.0	[m]	DC	
2624.0	[m]	DC	
2654.0	[m]	DC	
2660.0	[m]	DC	
2680.0	[m]	DC	
2684.0	[m]	DC	
2700.0	[m]	DC	
2714.0	[m]	DC	
2744.0	[m]	DC	
2760.0	[m]	DC	
2774.0	[m]	DC	
2804.0	[m]	DC	
2818.0	[m]	DC	
2820.0	[m]	DC	
2823.0	[m]	C	
2823.3	[m]	C	
2825.0	[m]	C	
2827.5	[m]	C	
2829.0	[m]	C	



2830.0	[m]	C	
2831.1	[m]	C	
2832.0	[m]	C	
2833.0	[m]	C	
2834.0	[m]	C	
2834.0	[m]	DC	
2834.5	[m]	C	
2835.0	[m]	C	
2836.0	[m]	DC	
2864.0	[m]	DC	
2890.0	[m]	DC	
2894.0	[m]	DC	
2918.0	[m]	DC	

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
111	NORDLAND GP
993	UTSIRA FM
1038	HORDALAND GP
1963	ROGALAND GP
1963	BALDER FM
2045	SELE FM
2075	LISTA FM
2224	VÅLE FM
2234	SHETLAND GP
2234	EKOFISK FM
2268	TOR FM
2425	HOD FM
2525	BLODØKS FM
2542	SVARTE FM
2650	CROMER KNOLL GP
2650	SOLA FM
2667	ÅSGARD FM
2703	VIKING GP
2703	DRAUPNE FM
2765	HEATHER FM
2818	VESTLAND GP
2818	HUGIN FM



2868	NO GROUP DEFINED
2868	SMITH BANK FM
2888	ZECHSTEIN GP

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
331	pdf	0.28

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
331 1	pdf	2.18
331 2 Report on oil source rock correlation in well 15 12 2	pdf	1.66

Dokumenter - eldre Sjøkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
331 01 WDSS General Information	pdf	0.26

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
331 1 Completion report and Completion log	pdf	8.12
331 2 Final well history report	pdf	46.86
331 2 Report on oil source rock correlation in well 15 12 2	pdf	1.66
331 3 Evaluation report	pdf	0.78
331 4 Geological prognosis and drilling program	pdf	32.61
331 5 Paleontological study	pdf	0.68
331 6 Petrographic study	pdf	58.67
331 7 Report on oil source rock correlation	pdf	1.66
331 8 ADT end of well report	pdf	1.83





Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CNL BHC GR	3350	4448
DIL BHC GR	3350	4448
FDC CNL GR	565	4448
HDT WSS CST CBL	2150	3361
ISF BHC GR	171	3361
VSP	325	4450

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	143.0	36	145.0	0.00	LOT
SURF.COND.	20	344.0	26	370.0	0.00	LOT
INTERM.	13 3/8	1787.0	17 1/2	1943.0	0.00	LOT
OPEN HOLE		2924.0	12 1/4	2924.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
350	1.10			seawater	
2650	1.41			seawater	