



Generell informasjon

Brønnbane navn	2/11-8
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	2/11-8
Seismisk lokalisering	NH 8201 - 244 SP 1307
Utvinningstillatelse	068
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	673-L
Boreinnretning	POLAR PIONEER
Boredager	100
Borestart	03.04.1991
Boreslutt	11.07.1991
Frigitt dato	11.07.1993
Publiseringsdato	18.05.2004
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	66.0
Totalt målt dybde (MD) [m RKB]	4584.0
Totalt vertikalt dybde (TVD) [m RKB]	4580.0
Maks inklinasjon [°]	11
Temperatur ved bunn av brønnbanen [°C]	148
Eldste penetrerte alder	DEVONIAN
Eldste penetrerte formasjon	NO GROUP DEFINED
Geodetisk datum	ED50
NS grader	56° 8' 8.6" N
ØV grader	3° 20' 46.64" E
NS UTM [m]	6221376.90
ØV UTM [m]	521522.54
UTM sone	31
NPDID for brønnbanen	1715

**Brønnhistorie****General**

Well 2/11-8 was designed to drill on the western part of block 2/11, approximately 2.3 km north of the Norwegian-Danish sector line. The well was located in the western part of the Ål Basin, separated from the Grensen Nose to the west by a series of faults. The primary target was sandstone of Late Jurassic age. Pre-Late Jurassic sandstones, probably Permian, were considered the secondary target. The main objectives for well 2/11-8 were to prove hydrocarbons in the target Formations; to define the reservoir level and reservoir quality adjacent to the Grensen Nose; and to collect geological information important for further reservoir evaluation and geological modelling in the area. Seismic amplitude anomalies were present at 347 m, 435 m, and 597 m. Shallow gas could not be excluded at these levels so an 8 1/2" pilot hole was planned to be drilled. The total depth of the well was planned to be at 4616 m, in igneous rocks of Permian age.

Operations and results

Wildcat well 2/11-8 was spudded with the semi-submersible installation Polar Pioneer on April 3 1991 and drilled to a total depth of 4584 m in clastic rocks of Carboniferous to possible Devonian age. The well was drilled with spud mud down to 1018 m, with ANCOQUAT cation polymer mud from 1018 m to 2515 m, with KCl mud from 2515 m to 3717 m, and with HPHT mud from 3717 m to TD.

The only Late Jurassic (Ryazanian to Volgian) sediments encountered in the well were 3 m of carbonaceous claystone, representing the Mandal Formation of the Tyne Group. The thin Jurassic section rested unconformably on Carboniferous sediments. Poor shows were observed in the Jurassic claystones as well as in carbonaceous claystones between 4265 m to 4335 m in the Carboniferous. A single 10 m core was cut at TD for stratigraphic purposes. The core recovered claystones with minor sandstone interbeds and stringers of limestone and was dated to possible Devonian. No fluid samples were taken. The well was permanently abandoned as a dry hole on 11 July 1991.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1020.00	4582.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerter i Sokkeldirektoratet



Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	4574.0	4583.9	[m]

Total kjerneprøve lengde [m]	9.9
Kjerner tilgjengelig for prøvetaking?	YES

Kjernebilder



4574-4579m



4579-4584m

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
1710.0	[m]	DC	RRI
1740.0	[m]	DC	RRI
1800.0	[m]	DC	RRI
1830.0	[m]	DC	RRI
1860.0	[m]	DC	RRI
1890.0	[m]	DC	RRI
1920.0	[m]	DC	RRI
1950.0	[m]	DC	RRI
1980.0	[m]	DC	RRI
2010.0	[m]	DC	RRI
2040.0	[m]	DC	RRI
2070.0	[m]	DC	RRI
2810.0	[m]	DC	RRI
2840.0	[m]	DC	RRI
2870.0	[m]	DC	RRI
2990.0	[m]	DC	RRI
3020.0	[m]	DC	RRI
3135.0	[m]	DC	RRI
3770.0	[m]	DC	RRI



3845.0 [m]	DC	RRI
3860.0 [m]	DC	RRI
3875.0 [m]	DC	RRI
3890.0 [m]	DC	RRI
3905.0 [m]	DC	RRI
3920.0 [m]	DC	RRI
3935.0 [m]	DC	RRI
3950.0 [m]	DC	RRI
3965.0 [m]	DC	RRI
3980.0 [m]	DC	RRI
4000.0 [m]	DC	RRI
4010.0 [m]	DC	RRI
4020.0 [m]	DC	RRI
4040.0 [m]	DC	RRI
4055.0 [m]	DC	RRI
4070.0 [m]	DC	RRI
4085.0 [m]	DC	RRI
4100.0 [m]	DC	RRI
4115.0 [m]	DC	RRI
4130.0 [m]	DC	RRI
4165.0 [m]	SWC	RRI
4180.0 [m]	SWC	RRI
4230.0 [m]	SWC	RRI
4255.0 [m]	SWC	RRI
4263.0 [m]	SWC	RRI
4264.0 [m]	SWC	RRI
4266.0 [m]	SWC	RRI
4267.0 [m]	SWC	RRI
4270.0 [m]	SWC	RRI
4278.0 [m]	SWC	RRI
4280.0 [m]	SWC	RRI
4290.0 [m]	SWC	RRI
4295.0 [m]	SWC	RRI
4300.0 [m]	SWC	RRI
4305.0 [m]	SWC	RRI
4310.0 [m]	SWC	RRI
4313.0 [m]	SWC	RRI
4318.0 [m]	SWC	RRI
4320.0 [m]	SWC	RRI
4327.0 [m]	DC	RRI



4330.0	[m]	SWC	RRI
4335.0	[m]	SWC	RRI
4352.0	[m]	DC	RRI
4355.0	[m]	SWC	RRI
4372.0	[m]	SWC	RRI
4390.0	[m]	DC	RRI
4405.0	[m]	SWC	RRI
4412.0	[m]	DC	RRI
4427.0	[m]	DC	RRI
4430.0	[m]	SWC	RRI
4438.0	[m]	SWC	RRI
4445.0	[m]	SWC	RRI
4450.0	[m]	DC	RRI
4457.0	[m]	SWC	RRI
4480.0	[m]	DC	RRI
4489.0	[m]	SWC	RRI
4500.0	[m]	SWC	RRI
4510.0	[m]	DC	RRI
4515.0	[m]	SWC	RRI
4521.0	[m]	SWC	RRI
4532.0	[m]	SWC	RRI
4540.0	[m]	DC	RRI
4540.0	[m]	SWC	RRI
4552.0	[m]	SWC	RRI
4562.0	[m]	DC	RRI
4562.0	[m]	SWC	RRI
4572.0	[m]	DC	RRI
4574.1	[m]	C	RRI
4583.9	[m]	C	RRI

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
89	NORDLAND GP
1510	HORDALAND GP
2949	ROGALAND GP
2949	BALDER FM
2968	SELE FM
3014	LISTA FM



3055	VÅLE FM
3075	SHETLAND GP
3075	EKOFISK FM
3142	TOR FM
3390	HOD FM
3852	BLODØKS FM
3869	HIDRA FM
3950	CROMER KNOLL GP
3950	RØDBY FM
3982	SOLA FM
4070	TUXEN FM
4168	ÅSGARD FM
4265	TYNE GP
4265	MANDAL FM
4268	NO GROUP DEFINED

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
1715	pdf	0.55

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
1715 1	pdf	0.70

Dokumenter - eldre Sökkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
1715 01 WDSS General Information	pdf	0.47
1715 02 WDSS completion log	pdf	0.25

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)





Dokument navn	Dokument format	Dokument størrelse [KB]
1715 2 11 8 COMPLETION REPORT AND LOG	pdf	17.20

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CST GR	4155	4572
CST GR	4155	4572
DIL LSS GR SP AMS	4150	4581
DIL LSS LDL GR SP AMS	999	2518
FMS4 AMS	4150	4583
LDL CNL GR CAL AMS	4150	4581
LSS GR	2497	4140
MWD - GR RES DIR	88	4298
MWD - LWD CDR GR DIR	175	650
RFT GR	4320	4568
VDL GR	1972	2483
VDL GR	3698	4127
VSP	1945	3845
VSP	3675	4580

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	174.0	36	174.0	0.00	LOT
INTERM.	18 5/8	1000.0	24	1015.0	2.06	LOT
INTERM.	13 3/8	2500.0	17 1/2	2515.0	1.98	LOT
INTERM.	9 5/8	4147.0	12 1/4	4164.0	2.17	LOT
OPEN HOLE		4584.0	8 1/8	4584.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
140	1.05			WATER BASED	
174	1.20			WATER BASED	





Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 9.5.2024 - 07:25

216	1.20			WATER BASED	
750	1.60	19.0		WATER BASED	
755	1.08			WATER BASED	
1015	1.20			WATER BASED	
1018	1.60	27.0		WATER BASED	
1376	1.60	25.0		WATER BASED	
1984	1.60	39.0		WATER BASED	
2235	1.70	17.0		WATER BASED	
2259	1.60	35.0		WATER BASED	
2515	1.60	27.0		WATER BASED	
2737	1.52	24.0		WATER BASED	
2958	1.52	26.0		WATER BASED	
3009	1.52	23.0		WATER BASED	
3068	1.52	20.0		WATER BASED	
3080	1.52	24.0		WATER BASED	
3140	1.51	24.0		WATER BASED	
3230	1.45	23.0		WATER BASED	
3245	1.45	22.0		WATER BASED	
3313	1.45	22.0		WATER BASED	
3320	1.45	24.0		WATER BASED	
3484	1.45	24.0		WATER BASED	
3633	1.45	21.0		WATER BASED	
3650	1.45	18.0		WATER BASED	
3687	1.45	19.0		WATER BASED	
3717	1.50	19.0		WATER BASED	
3723	1.60	20.0		WATER BASED	
3748	1.60	17.0		WATER BASED	
3766	1.60	20.0		WATER BASED	
3767	1.62	20.0		WATER BASED	
3819	1.61	20.0		WATER BASED	
3850	1.60	20.0		WATER BASED	
3852	1.61	18.0		WATER BASED	
3884	1.60	18.0		WATER BASED	
3886	1.60	19.0		WATER BASED	
3908	1.60	17.0		WATER BASED	
3972	1.60	16.0		WATER BASED	
3985	1.60	16.0		WATER BASED	
4037	1.60	16.0		WATER BASED	
4085	1.70	16.0		WATER BASED	
4088	1.60	16.0		WATER BASED	



4163	1.70	18.0		WATER BASED	
4170	1.70	17.0		WATER BASED	
4187	1.70	19.0		WATER BASED	
4251	1.70	15.0		WATER BASED	
4276	1.71	18.0		WATER BASED	
4305	1.70	17.0		WATER BASED	
4353	1.70	17.0		WATER BASED	
4353	1.70	17.0		WATER BASED	
4441	1.80	18.0		WATER BASED	
4584	1.89	17.0		WATER BASED	