



Generell informasjon

Brønnbane navn	7/8-2
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	7/8-2
Seismisk lokalisering	PG 57 2340 SP.1890
Utvinningstillatelse	016
Boreoperatør	Phillips Petroleum Company Norway
Boretillatelse	88-L
Boreinnretning	OCEAN VIKING
Boredager	37
Borestart	24.07.1973
Boreslutt	29.08.1973
Frigitt dato	29.08.1975
Publiseringsdato	17.10.2007
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	27.0
Vanndybde ved midlere havflate [m]	81.0
Totalt målt dybde (MD) [m RKB]	3006.0
Maks inklinasjon [°]	4
Temperatur ved bunn av brønnbanen [°C]	104
Eldste penetrerte alder	LATE PERMIAN
Eldste penetrerte formasjon	ZECHSTEIN GP
Geodetisk datum	ED50
NS grader	57° 23' 39.35" N
ØV grader	2° 35' 30.21" E
NS UTM [m]	6361491.91
ØV UTM [m]	475459.91
UTM sone	31
NPDID for brønnbanen	294



Brønnhistorie

The 7/8-2 (Cero) well was drilled on a domal structure approximately 6 km long by 6 km wide, situated on the Jæren High in the North Sea. It was estimated that at Paleocene depth there would be close to 40 square km of closure with 140 m of vertical relief and at Early Cretaceous depth 27 square km of closure with 150 m of vertical relief. The principal objective horizons were Paleocene, Jurassic and Triassic sands with the Danian-Cretaceous limestone as a possible secondary objective.

Operations and results

Wildcat well 7/8-2 was spudded with the semi-submersible installation Ocean Viking on 24 July 1973 and drilled to TD at 3006 m in anhydrite of the Zechstein Group. No significant problems are reported from the operations.

The well had no hydrocarbons or shows of hydrocarbons. In the Paleocene no sand beds were developed, although sand was present as a loose, unconsolidated constituent in most of the clays and shales. The Danian and Late Cretaceous limestones were tight. The Late Cretaceous section was 150 m thinner than anticipated due to erosion of the Coniacian to Cenomanian formations at the base. The Jurassic succession was encountered at 2808 m and top Triassic at 2883 m. Two Triassic sands were encountered at 2911 - 2937 m and at 2972 - 2996 m. The Triassic section was thinner than expected, being truncated at 2996 by the Permian Zechstein Group.

No cores were cut and no wire line fluid samples were taken in the well.

The well was permanently abandoned on 29 August 1973 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1237.49	3006.24

Borekaks tilgjengelig for prøvetaking?	NO
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Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
9160.0	[ft]	C	RRI
9190.0	[ft]	C	RRI
9220.0	[ft]	C	RRI
9250.0	[ft]	DC	RRI
9280.0	[ft]	DC	RRI
9310.0	[ft]	DC	RRI



9340.0	[ft]	DC	RRI
9360.0	[ft]	DC	RRI
9390.0	[ft]	DC	RRI
9420.0	[ft]	DC	RRI
9460.0	[ft]	DC	RRI
9470.0	[ft]	DC	RRI
9490.0	[ft]	DC	RRI
9510.0	[ft]	DC	RRI
9530.0	[ft]	DC	RRI
9550.0	[ft]	DC	RRI
9570.0	[ft]	DC	RRI
9610.0	[ft]	DC	RRI

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
108	NORDLAND GP
1463	HORDALAND GP
2180	ROGALAND GP
2180	BALDER FM
2195	SELE FM
2295	LISTA FM
2366	SHETLAND GP
2366	EKOFISK FM
2440	TOR FM
2657	CROMER KNOLL GP
2808	TYNE GP
2822	VESTLAND GP
2883	NO GROUP DEFINED
2883	SMITH BANK FM
2997	ZECHSTEIN GP

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
294_1	pdf	0.34
294_2	pdf	2.61





Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
294_01_WDSS_General_Information	pdf	0.25

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
294_01_Completion_Report	pdf	3.81
294_02_Completion_log	pdf	0.85

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
BHC	438	1215
BHC-C	1214	2256
BHC-C	2244	2931
BHC-C	2896	3005
CDM	2244	2931
CDM AP	2244	2931
CDM PP	2244	2931
CDR	2244	2931
FDC	2347	2992
GR	98	438
IES	438	1215
IES	1211	2259
IES	2244	2930
IES	2896	3006
VELOCITY	438	3006

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	142.0	36	142.0	0.00	LOT
SURF.COND.	20	437.0	26	450.0	0.00	LOT





INTERM.	13 3/8	1209.0	17 1/2	1219.0	0.00	LOT
INTERM.	9 5/8	2243.0	12 1/4	2255.0	0.00	LOT
OPEN HOLE		3006.0	8 1/2	3006.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
150	1.07			seawater	
1220	1.13	45.0		seawater	
2250	1.55	50.0		waterbased	
3000	1.55	55.0		waterbased	

Tynnslip i Søkeldirektoratet

Dybde	Enhet
9130.00	[ft]