



Generell informasjon

Brønnbane navn	17/9-1
Type	EXPLORATION
Formål	WILDCAT
Status	SUSPENDED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Brønn navn	17/9-1
Seismisk lokalisering	LINE CS-72-5 & SP 2250
Utvinningstillatelse	002
Boreoperatør	Esso Exploration and Production Norway A/S
Boretillatelse	93-L
Boreinnretning	GLOMAR GRAND ISLE
Boredager	38
Borestart	16.09.1973
Boreslutt	23.10.1973
Frigitt dato	23.10.1975
Publiseringsdato	25.04.2005
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	9.0
Vanndybde ved midlere havflate [m]	159.0
Totalt målt dybde (MD) [m RKB]	2816.0
Maks inklinasjon [°]	2
Temperatur ved bunn av brønnbanen [°C]	121
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	VESTLAND GP
Geodetisk datum	ED50
NS grader	58° 28' 27.26" N
ØV grader	3° 50' 16.18" E
NS UTM [m]	6481963.51
ØV UTM [m]	548868.52
UTM sone	31
NPDID for brønnbanen	337



Brønnhistorie

General

Well 17/9-1 is located in the Åsta Graben in the North Sea, ca 30 km north of the 17/12-1R Bream Discovery well. The primary objective was to evaluate sands at the base of the Jurassic sequence. The structure is not associated with mobile salt, which is the case for the Bream Discovery.

The well is Reference Well for the Fjerritslev Formation.

Operations and results

Wildcat well 17/9-1 was spudded with the drill ship Glomar Grand Isle on 16 September 1973. Initial drilling from the sea floor to 423 m was with seawater and gel. From the 20-inch casing shoe at 409 m to TD a fresh water Spersene XP-20 mud system was used. The well was drilled to 2816 m in Early Jurassic sediments when drilling operations were suspended due to a severe storm. During this storm on November 6, the riser was dropped from the drill ship. During subsequent efforts the riser was broken leaving a riser stub approximately 13 m above the ocean floor. Due to this logs were not run below 2616 m.

No good reservoir sequence was encountered in the well. Some porosity was noted in cores from the formation underlying the Sandnes Formation. No shows were recorded during drilling, and the lack of hydrocarbons in 17/9-1 was confirmed by logs run in the re-entry. Organic geochemical analyses showed excellent source rock quality in the Late Jurassic interval from 2120 m to 2210 m with TOC in the range 2.5 % to 9.4 % and hydrogen index from 130 to 490 mg HC/g rock. The well is immature (%Ro <0.5) all through. Two conventional cores were cut in the intervals 2268 m to 2276.8 m and 2286 m to 2294.8 m. No fluid samples were taken.

The well was secured and temporary suspended on December 23 as a dry hole.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
157.00	3154.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	7441.0	7447.0	[ft]



2	7500.0	7529.0	[ft]
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Total kjerneprøve lengde [m]	10.7
Kjerner tilgjengelig for prøvetaking?	YES

Palynologiske preparater i Søkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
0.0	[ft]	DC	
1350.0	[ft]	DC	
1440.0	[ft]	DC	
1530.0	[ft]	DC	
1620.0	[ft]	DC	
1710.0	[ft]	DC	
1800.0	[ft]	DC	
1890.0	[ft]	DC	
1980.0	[ft]	DC	
2070.0	[ft]	C	
2100.0	[ft]	DC	
2130.0	[ft]	DC	
2160.0	[ft]	C	
2250.0	[ft]	C	
2340.0	[ft]	C	
2430.0	[ft]	DC	
2520.0	[ft]	DC	
2610.0	[ft]	DC	
2700.0	[ft]	DC	
2790.0	[ft]	C	
2880.0	[ft]	C	
2970.0	[ft]	C	
3060.0	[ft]	C	
3150.0	[ft]	DC	
3240.0	[ft]	DC	
3330.0	[ft]	DC	
3450.0	[ft]	DC	
3510.0	[ft]	DC	
3600.0	[ft]	DC	
3690.0	[ft]	DC	
3780.0	[ft]	DC	



3870.0 [ft]	DC	
3930.0 [ft]	SWC	
3960.0 [ft]	DC	
3980.0 [ft]	SWC	
4020.0 [ft]	DC	
4050.0 [ft]	SWC	
4140.0 [ft]	C	
4230.0 [ft]	C	
4470.0 [ft]	SWC	
4550.0 [ft]	SWC	
4850.0 [ft]	SWC	
4950.0 [ft]	DC	
5000.0 [ft]	DC	
5050.0 [ft]	DC	
5150.0 [ft]	SWC	
5450.0 [ft]	SWC	
5750.0 [ft]	SWC	
5850.0 [ft]	SWC	
5850.0 [ft]	DC	
5850.0 [ft]	DC	
5880.0 [ft]	DC	
5910.0 [ft]	DC	
5940.0 [ft]	DC	
5952.0 [ft]	SWC	
5970.0 [ft]	DC	
5986.0 [ft]	SWC	
6000.0 [ft]	SWC	
6050.0 [ft]	SWC	
6060.0 [ft]	DC	
6094.0 [ft]	SWC	
6150.0 [ft]	DC	
6210.0 [ft]	DC	
6240.0 [ft]	DC	
6240.0 [ft]	C	
6267.0 [ft]	DC	
6280.0 [ft]	SWC	
6300.0 [ft]	DC	
6350.0 [ft]	DC	
6370.0 [ft]	DC	
6405.0 [ft]	SWC	



6420.0	[ft]	DC	
6470.0	[ft]	DC	
6500.0	[ft]	SWC	
6520.0	[ft]	DC	
6550.0	[ft]	SWC	
6570.0	[ft]	DC	
6600.0	[ft]	SWC	
6620.0	[ft]	DC	
6670.0	[ft]	DC	
6700.0	[ft]	SWC	
6700.0	[ft]	DC	
6720.0	[ft]	DC	
6770.0	[ft]	DC	
6800.0	[ft]	SWC	
6820.0	[ft]	DC	
6900.0	[ft]	SWC	
6900.0	[ft]	DC	
6945.0	[ft]	SWC	
6945.0	[ft]	SWC	
6950.0	[ft]	DC	
6980.0	[ft]	C	
7000.0	[ft]	DC	
7040.0	[ft]	DC	
7100.0	[ft]	DC	
7140.0	[ft]	DC	
7150.0	[ft]	DC	
7200.0	[ft]	DC	
7240.0	[ft]	DC	
7290.0	[ft]	DC	
7300.0	[ft]	DC	
7340.0	[ft]	DC	
7350.0	[ft]	DC	
7430.0	[ft]	DC	
7430.0	[ft]	DC	
7440.0	[ft]	DC	
7442.0	[ft]	C	
7453.0	[ft]	C	
7453.0	[ft]	DC	
7454.0	[ft]	C	
7459.0	[ft]	DC	



7464.0 [ft]	DC	
7464.0 [ft]	C	
7470.0 [ft]	DC	
7499.0 [ft]	C	
7502.0 [ft]	C	
7530.0 [ft]	DC	
7580.0 [ft]	C	
7600.0 [ft]	DC	
7650.0 [ft]	DC	
7770.0 [ft]	DC	
7830.0 [ft]	DC	
7890.0 [ft]	DC	
8000.0 [ft]	DC	
8030.0 [ft]	DC	
8060.0 [ft]	DC	
8130.0 [ft]	DC	
8130.0 [ft]	DC	
8130.0 [ft]	DC	
8160.0 [ft]	DC	
8230.0 [ft]	DC	
8330.0 [ft]	DC	
8340.0 [ft]	DC	
8350.0 [ft]	DC	
8390.0 [ft]	DC	
8391.0 [ft]	DC	
8460.0 [ft]	DC	
8460.0 [ft]	DC	
8520.0 [ft]	DC	
8620.0 [ft]	DC	
8620.0 [ft]	DC	
8630.0 [ft]	DC	
8700.0 [ft]	DC	
8720.0 [ft]	DC	
8800.0 [ft]	C	
8800.0 [ft]	DC	
8820.0 [ft]	DC	
8900.0 [ft]	C	
8920.0 [ft]	DC	
8990.0 [ft]	C	
9020.0 [ft]	DC	



9050.0 [ft]	C	
9100.0 [ft]	C	
9120.0 [ft]	DC	
9150.0 [ft]	C	
9150.0 [ft]	DC	
9170.0 [ft]	DC	
9200.0 [ft]	DC	
9220.0 [ft]	DC	
9330.0 [ft]	DC	
9445.0 [ft]	DC	
9600.0 [ft]	DC	
9665.0 [ft]	DC	
9700.0 [ft]	DC	
9700.0 [ft]	DC	
9750.0 [ft]	DC	
9800.0 [ft]	DC	
9850.0 [ft]	DC	
9900.0 [ft]	DC	
9973.0 [ft]	SWC	
9990.0 [ft]	DC	
10040.0 [ft]	DC	
10070.0 [ft]	DC	
10085.5 [ft]	C	
10090.0 [ft]	C	
10090.0 [ft]	DC	
10091.0 [ft]	C	
10093.0 [ft]	C	
10094.0 [ft]	C	
10097.5 [ft]	C	
10140.0 [ft]	DC	
10175.0 [ft]	SWC	
10190.0 [ft]	DC	
10210.0 [ft]	SWC	
10225.0 [ft]	SWC	
10240.0 [ft]	DC	
10245.0 [ft]	SWC	
10265.0 [ft]	SWC	
10280.0 [ft]	SWC	
10290.0 [ft]	DC	
10322.0 [ft]	SWC	



10340.0	[ft]	DC	
10340.0	[ft]	DC	
10360.0	[ft]	DC	

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
168	NORDLAND GP
439	HORDALAND GP
695	ROGALAND GP
695	BALDER FM
719	SELE FM
731	LISTA FM
738	VÅLE FM
746	SHETLAND GP
746	EKOFISK FM
789	TOR FM
1085	HOD FM
1195	BLODØKS FM
1220	CROMER KNOLL GP
1220	RØDBY FM
1354	SOLA FM
1464	ÅSGARD FM
1933	BOKNEFJORD GP
1933	FLEKKEFJORD FM
1954	SAUDA FM
2165	TAU FM
2205	EGERSUND FM
2220	VESTLAND GP
2220	SANDNES FM
2237	NO FORMAL NAME

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
337	pdf	0.42





Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
337_1	pdf	0.20
337_2	pdf	0.52

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
337_01_WDSS_General_Information	pdf	0.26

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
337_01_Completion_Report	pdf	5.00
337_02_Completion_log	pdf	2.69

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
BHC-C	410	2616
CDM	959	2123
DIL	410	2616
FDC CNL	924	2123

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	208.0	36	208.0	0.00	LOT
SURF.COND.	20	409.0	26	423.0	0.00	LOT
INTERM.	13 3/8	922.0	17 1/2	930.0	0.00	LOT
INTERM.	9 5/8	2113.0	12 1/4	2120.0	0.00	LOT
OPEN HOLE		2816.0	8 1/2	2816.0	0.00	LOT





Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm ³]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
208	1.03			seawater	
921	1.07			seawater	
2112	1.15			waterbased	