



Generell informasjon

Brønnbane navn	31/5-1
Type	EXPLORATION
Formål	APPRAISAL
Status	JUNKED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	TROLL
Funn	31/2-1 (Troll Vest)
Brønn navn	31/5-1
Seismisk lokalisering	8007-132 SP 887
Utvinningstillatelse	085
Boreoperatør	Saga Petroleum ASA
Boretillatelse	386-L
Boreinnretning	TREASURE SAGA
Boredager	26
Borestart	05.09.1983
Boreslutt	30.09.1983
Frigitt dato	30.09.1985
Publiseringsdato	18.12.2008
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	NOT APPLICABLE
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	26.0
Vanndybde ved midlere havflate [m]	316.0
Totalt målt dybde (MD) [m RKB]	860.0
Totalt vertikalt dybde (TVD) [m RKB]	860.0
Maks inklinasjon [°]	2
Temperatur ved bunn av brønnbanen [°C]	31
Eldste penetrerte alder	OLIGOCENE
Eldste penetrerte formasjon	HORDALAND GP
Geodetisk datum	ED50
NS grader	60° 43' 33.17" N
ØV grader	3° 32' 57.01" E
NS UTM [m]	6732539.55
ØV UTM [m]	529959.16



UTM sone	31
NPDID for brønnbanen	27

Brønnhistorie

General

Well 31/5-1 was drilled as an appraisal well at the southern part of the Troll West Field. The purpose of the well was to test the reservoir qualities, the oil/gas columns, and the hydrocarbon/water contact in the area.

Operations and results

Appraisal well 31/5-1 was spudded with the semi-submersible installation Treasure Saga on 5 September 1983. The well was drilled with seawater and hi-vis pills all through. After drilling to 860 m and setting the 20" casing, the BOP was run on riser. When the BOP was 12 m above the well head the drill pipe elevator broke, and the BOP dropped down and damaged the well head. The BOP and some riser joints were recovered before the rig was towed to Bergen where the BOP was changed.

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

The well was abandoned on 30 September 1983 as a junk well. After repairs Treasure Saga returned to the location on 5 October 1983 to spud replacement well 31/5-2.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
470.00	860.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
342	NORDLAND GP
670	HORDALAND GP

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter





Dokument navn	Dokument format	Dokument størrelse [KB]
27_01_WDSS_General_Information	pdf	0.10
27_02_WDSS_completion_log	pdf	0.11

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
27_01_31_5_1_Completion_Report_and_Completionlog	pdf	17.02

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CDL CNL GR CAL	433	859
DIFL BHC LS BHC ACL GR	465	859

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	464.0	36	466.0	0.00	LOT
SURF.COND.	20	847.0	26	860.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
480	1.10			WATER BASED	

