



Generell informasjon

Brønnbane navn	31/6-7
Type	EXPLORATION
Formål	APPRAISAL
Status	JUNKED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	TROLL
Funn	31/6-1 (Troll Øst)
Brønn navn	31/6-7
Seismisk lokalisering	N H 8202 - 338 SP. 247
Utvinningstillatelse	085
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	459-L
Boreinnretning	TREASURE SEEKER
Boredager	13
Borestart	01.04.1985
Boreslutt	13.04.1985
Frigitt dato	13.04.1987
Publiseringsdato	06.06.2006
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	NOT APPLICABLE
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	300.0
Totalt målt dybde (MD) [m RKB]	698.0
Totalt vertikalt dybde (TVD) [m RKB]	698.0
Maks inklinasjon [°]	1.5
Temperatur ved bunn av brønnbanen [°C]	25
Eldste penetrerte alder	OLIGOCENE
Eldste penetrerte formasjon	HORDALAND GP
Geodetisk datum	ED50
NS grader	60° 33' 19.68" N
ØV grader	3° 40' 39.04" E
NS UTM [m]	6713624.35
ØV UTM [m]	537156.13



UTM sone	31
NPDID for brønnbanen	141

Brønnhistorie

General

Appraisal well 31/6-7 was drilled in the south-west corner of the Troll East gas province. The main objectives of the well was to determine the lateral extent of the reservoir, to determine the fluid contacts in the Sognefjord Formation and to obtain the best possible seismic correlation within the reservoir from well 31/6-1. If hydrocarbons were encountered the well would be tested to obtain a number of reservoir engineering parameters: permeabilities and skin, fluid samples, pressure/temperature drops in tubing at various flow rates, reservoir inflow at high flow rates, and behaviour of gravel pack at high rates.

Operations and results

Well 31/6-7 was spudded with the semi-submersible installation Treasure Seeker on 1 April 1985 and drilled to TD at 698 m in Oligocene sediments. After drilling the 26" hole to 694 m, and setting the 20" casing it was discovered that the angle of the 18 3/8" wellhead was 2.5 degrees and it was decided to junk the well. The well was permanently plugged and abandoned on 13 April 1985, and the rig was moved 50 m due north to spud replacement well 31/6-8.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
420.00	690.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
325	NORDLAND GP
540	HORDALAND GP
540	NO FORMAL NAME

Spleisede logger





Dokument navn	Dokument format	Dokument størrelse [KB]
141	pdf	0.04

Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
141_01_WDSS_General_Information	pdf	0.18
141_02_WDSS_completion_log	pdf	0.09

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
141_31_6_7_COMPLETION_REPORT_AND_LOG	pdf	34.84

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
DLWD	410	695
ISF LSS GR	325	698

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	411.0	36	411.0	0.00	LOT
SURF.COND.	20	683.0	26	698.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
411	1.07			WATER BASED	11.04.1985
698	1.10	5.0	9.6	WATER BASED	11.04.1985
698	1.05	15.0	24.0	WATER BASED	11.04.1985





698	1.05	15.0	24.0	WATER BASED	11.04.1985
698	1.05			WATER BASED	11.04.1985
698	1.05			WATER BASED	11.04.1985