Generell informasjon

Brønnbane navn	34/7-31 A
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	VIGDIS
Funn	34/7-23 S
Brønn navn	34/7-31
Seismisk lokalisering	SG9701& inline 1800/6456
Utvinningstillatelse	089
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	1002-L
Boreinnretning	SCARABEO 6
Boredager	13
Borestart	13.04.2001
Boreslutt	25.04.2001
Frigitt dato	25.04.2003
Publiseringsdato	19.10.2006
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	OIL
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	LATE JURASSIC
1. nivå med hydrokarboner, formasjon.	INTRA DRAUPNE FM SS
Avstand, boredekk - midlere havflate [m]	26.0
Vanndybde ved midlere havflate [m]	207.0
Totalt målt dybde (MD) [m RKB]	3454.0
Totalt vertikalt dybde (TVD) [m RKB]	2355.4
Maks inklinasjon [°]	131
Temperatur ved bunn av brønnbanen [°C]	89
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	HEATHER FM
Geodetisk datum	ED50

NS grader	61° 18' 37.68'' N
ØV grader	2° 3' 59.81'' E
NS UTM [m]	6797888.38
ØV UTM [m]	450009.18
UTM sone	31
NPDID for brønnbanen	4301

Brønnhistorie

General

Well 34/7-31 A is a sidetrack to 34/7-31, which found a ca 35 m net column of oil in Intra-Draupne Formation Sandstone. The sidetrack was drilled to map the extent of HC-filled Intra Draupne Formation.

Operations and results

Appraisal well 34/7-31 A was kicked off at 1788 m, just below the 13 3/8" casing in well 34/7-31 on 15 April 2001. The semi-submersible installation Scarabeo 6 was used for the operations. The deviation angle increased throughout the well bore to ca 130 deg at TD, and was between 80 to 90 deg through the Intra-Draupne Formation Sandstone. Only MWD logs are available from the well, no wire line logging was performed. The well was drilled with oil-based mud (Versavert) from kick-off to TD.

The well penetrated 260 m MD of oil-filled Intra-Draupne Formation Sandstone. After that ca 15 m of Draupne Formation shale and 281 m of Heather Formation was penetrated before the younger Cromer Knoll Group was encountered. The eastern development of the Intra Draupne Formation Sandstone was thus mapped practically in-well.

There are no cores from this well bore. No fluid samples were taken.

The well was permanently plugged and abandoned on 25 April 2001as an oil appraisal.

Testing

No drill stem test was performed

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1800.00	3450.00

Borekaks tilgjengelig for prøvetaking?	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
233	NORDLAND GP
1057	UTSIRA FM
1062	HORDALAND GP
1268	NO FORMAL NAME
1301	NO FORMAL NAME
1470	NO FORMAL NAME
1482	NO FORMAL NAME
1700	ROGALAND GP
1700	BALDER FM
1738	LISTA FM
1892	SHETLAND GP
1892	JORSALFARE FM
2175	KYRRE FM
2815	CROMER KNOLL GP
2815	RØDBY FM
2820	MIME FM
2830	VIKING GP
2830	INTRA DRAUPNE FM SS
3090	DRAUPNE FM
3105	HEATHER FM
3386	CROMER KNOLL GP
3386	MIME FM
3393	RØDBY FM
3395	SHETLAND GP
3395	KYRRE FM

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
4301_34_7_31_A_COMPLETION_LOG	.PDF	5.61
4301_34_7_31_A_COMPLETION_REPORT	.PDF	24.56

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - VISION ADT	1788	3454

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
OPEN HOLE		1779.0	12 1/4	1779.0	1.82	LOT
OPEN HOLE		3454.0	9 5/8	3454.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
1650	1.51	42.0		OIL BASED	
1788	1.50	38.0		OIL BASED	
2304	1.50	40.0		OIL BASED	
3022	1.50	41.0		OIL BASED	
3089	1.50	44.0		OIL BASED	
3454	0.00			OIL BASED	