



Generell informasjon

Brønnbane navn	15/12-13 A
Type	EXPLORATION
Formål	APPRAISAL
Status	JUNKED
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	REV
Funn	15/12-12 Rev
Brønn navn	15/12-13
Seismisk lokalisering	Survey x-line 896 in-line 1927 at 2645ms
Utvinningstillatelse	038
Boreoperatør	Pertra AS (OLD)
Boretillatelse	1061-L
Boreinnretning	WEST ALPHA
Boredager	7
Borestart	11.05.2003
Boreslutt	17.05.2003
Frigitt dato	17.05.2005
Publiseringsdato	15.06.2005
Opprinnelig formål	APPRAISAL
Gjenåpnet	NO
Innhold	NOT APPLICABLE
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	18.0
Vanndybde ved midlere havflate [m]	87.0
Totalt målt dybde (MD) [m RKB]	2532.0
Totalt vertikalt dybde (TVD) [m RKB]	2530.0
Maks inklinasjon [°]	42
Temperatur ved bunn av brønnbanen [°C]	132
Eldste penetrerte alder	PALEOCENE
Eldste penetrerte formasjon	SELE FM
Geodetisk datum	ED50
NS grader	58° 2' 3.83" N
ØV grader	1° 55' 4.57" E
NS UTM [m]	6433197.92
ØV UTM [m]	436099.90



UTM sone	31
NPDID for brønnbanen	4754

Brønnhistorie

General

Well 15/12-13 is located ca 0.8 km northwest of the 15/12-12 (Varg South) Discovery well. The primary objective was to appraise the Varg South discovery: to define the oil/water contact, measure current reservoir pressure and fluid gradients, confirm reservoir quality and geometry, and confirm geophysical model in terms of depth to top and base reservoir. Potential Kimmeridgian Sandstone immediately above the main Oxfordian reservoir was seen as a secondary objective. The well bore 15/12-13 encountered the Oxfordian sandstones (Intra Heather Formation sandstone) 105 m deeper than the prognosed reservoir, and below the OWC. Since the objective of this well was not met well 15/12-13 A was drilled as a geological sidetrack to 15/12-13. The geological target was the same as in the primary well bore, but ca 300 m southwest of the discovery well 15/12-12.

Operations and results

Appraisal sidetrack well 15/12-13 A was spudded with the semi-submersible installation West Alpha on 11 May 2003. Kick-off was at 1350 m. The well was drilled to 2530 m, when the BHA became stuck repeatedly due to poor hole cleaning and the fact that the formation was reacting with the mud. The well bore was drilled with Sodium silicate (Barasil CX)/KCl/glycol mud. The well bore was logged with LWD only. No wire line logs were run, no pressure or fluid samples were taken, and no cores were cut.

The sidetrack was abandoned in favor of a lower angle sidetrack along a different azimuth. It was permanently abandoned on 17 May as a junked well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1352.00	2530.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
105	NORDLAND GP
1048	UTSIRA FM



1240	HORDALAND GP
2452	ROGALAND GP
2452	BALDER FM
2468	SELE FM

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
4754_15_12_13_A_COMPLETION_LOG	.pdf	0.46
4754_15_12_13_A_COMPLETION_REPORT	.PDF	14.48

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
LWD - GR RES BAT	1320	2532

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	165.0	36	171.0	0.00	LOT
SURF.COND.	13 3/8	1315.0	17 1/2	1320.0	0.00	LOT
OPEN HOLE		2532.0	12 1/4	2532.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
1460	1.50	26.0		BARASILC-13A	
2532	1.50	24.0		BARASILC-13A	

