



Generell informasjon

Brønnbane navn	30/9-B-18 A
Type	DEVELOPMENT
Formål	PRODUCTION
Status	PLUGGED
Flergrensbønn	NO
Faktakart i nytt vindu	lenke
Hovedområde	NORTH SEA
Felt	OSEBERG
Funn	30/6-1 Oseberg
Brønn navn	30/9-B-18
Utvinningstillatelse	079
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	741-P
Boreinnretning	OSEBERG B
Produksjonsinnretning	OSEBERG B
Boredager	27
Borestart	27.09.1992
Boreslutt	23.10.1992
Frigitt dato	23.10.1994
Plugget dato	14.10.2016
Publiseringsdato	12.09.2023
Opprinnelig formål	PRODUCTION
Innhold	OIL
Funnbrønnbane	NO
1. nivå med hydrokarboner, alder	MIDDLE JURASSIC
1. nivå med hydrokarboner, formasjon.	OSEBERG FM
Avstand, boredekk - midlere havflate [m]	58.0
Vanndybde ved midlere havflate [m]	109.0
Totalt målt dybde (MD) [m RKB]	4982.0
Totalt vertikalt dybde (TVD) [m RKB]	2761.0
Maks inklinasjon [°]	93.4
Temperatur ved bunn av brønnbanen [°C]	106
Eldste penetrerte alder	MIDDLE JURASSIC
Eldste penetrerte formasjon	NESS FM
Geodetisk datum	ED50



NS grader	60° 29' 36.31" N
ØV grader	2° 49' 43.22" E
NS UTM [m]	6706534.38
ØV UTM [m]	490585.93
UTM sone	31
NPDID for brønnbanen	2016

Brønnhistorie

General

Well 30/9-B-18 A is a production side-track from observation well 30/9-B-18 on the 30/9-1 Oseberg Discovery in the North Sea. The main objective for Well 30/9-B-18A was oil production from a planned 1200 metres horizontal section in the Oseberg, Etive and Lower Ness Formations.

The NSO-1 geochemical standard oil was produced from 30/9-B-18 A.

Operations and results

Development well 30/9-B-18 A was kicked off at 3344 m in well 30/9-B-18 on 26 September 1992. It was drilled from the Oseberg B platform to TD at 4982 m (2761 m TVD) m in the Middle Jurassic Ness Formation. The target of the well was on the Oseberg Alpha Structure approximately 3 km south-east of the Oseberg B platform. It was drilled horizontally (between 88 and 93 deviation) from ca 3850 m in the Oseberg Formation To TD at 4982 m in the Ness Formation. The well was drilled with oil based Safemul mud from kick-off to TD.

Total drilled length of Oseberg, Etive and Lower Ness in the horizontal well is ca 1130 m, in line with the prognosed 1200 metres.

No cores were cut in this well. No wireline pressures were taken, and no wireline fluid sample was taken.

The well was completed as a producer on 8 December 1992.

Testing

The well was completed with 15 perforation intervals between 3831 m and 4912 m (2762.2 m TVD and 2759.5 m TVD) in the horizontal sections in the lower Ness and Oseberg-Rannoch-Etive (ORE) formations. Production testing measured flow rates between 2510 and 2640 Sm³/day. Static pressure was 267.68 bar. Initial formation temperature at top perforations was 106.5 C.

On 25 June 1994 ca 1200 litres of depressurized oil was produced, bottled and shipped to the NPD, where it is available as the North Sea Oil-1 (NSO-1) analytical standard for geochemical analysis. Further information about the oil is available upon application to the NPD.

Logger



Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CET CBL VDL GR CCL	3157	4884
MWD - DEN NEU	3600	4982
MWD - DG DPR	3340	4982

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
167	NORDLAND GP
167	UNDIFFERENTIATED
707	UTSIRA FM
886	HORDALAND GP
2614	ROGALAND GP
2614	BALDER FM
2735	SELE FM
2868	LISTA FM
3045	VÅLE FM
3062	SHETLAND GP
3062	HARDRÅDE FM
3258	VIKING GP
3258	DRAUPNE FM
3309	HEATHER FM
3601	BRENT GP
3601	TARBERT FM
3612	NESS FM
3686	ETIVE FM
3694	RANNOCH FM
3701	OSEBERG FM
4751	RANNOCH FM
4769	ETIVE FM
4787	NESS FM

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	flytegrense [Pa]	Type slam	Dato, måling
500	1.20	34.0	8.0	OIL BASED	06.10.1992
2788	1.21	38.0	8.0	OIL BASED	19.10.1992
3188	1.20	32.0	8.5	OIL BASED	26.10.1992



Faktasider

Brønnbane / Utvinning

Utskriftstidspunkt: 15.5.2024 - 19:42

3344	1.20	36.0	6.0	OIL BASED	28.09.1992
3410	1.20	33.0	8.0	OIL BASED	02.10.1992
3437	1.20	40.0	7.5	OIL BASED	28.09.1992
3696	1.20	39.0	8.0	OIL BASED	29.09.1992
3927	1.20	35.0	9.0	OIL BASED	30.09.1992
3928	1.20	34.0	9.0	OIL BASED	01.10.1992
4175	1.20	35.0	8.5	OIL BASED	06.10.1992
4180	1.20	35.0	10.0	OIL BASED	07.10.1992
4181	1.20	36.0	9.5	OIL BASED	06.10.1992
4182	1.20	36.0	9.5	OIL BASED	09.10.1992
4214	1.20	34.0	7.5	OIL BASED	09.10.1992
4214	1.20	34.0	8.0	OIL BASED	12.10.1992
4427	1.20	32.0	8.5	OIL BASED	12.10.1992
4484	1.20	36.0	6.5	OIL BASED	21.10.1992
4568	1.20	36.0	6.5	OIL BASED	12.10.1992
4599	1.20	35.0	7.0	OIL BASED	13.10.1992
4625	1.20	37.0	6.5	OIL BASED	20.10.1992
4738	1.20	35.0	7.0	OIL BASED	14.10.1992
4757	1.20	35.0	7.5	OIL BASED	16.10.1992
4903	1.20	34.0	8.5	OIL BASED	27.10.1992
4908	1.22	37.0	8.5	OIL BASED	29.10.1992
4950	1.20	38.0	8.0	OIL BASED	23.10.1992
4970	1.20	38.0	7.0	OIL BASED	19.10.1992
4982	1.20	38.0	7.0	OIL BASED	26.10.1992
4982	1.20	39.0	8.0	OIL BASED	26.10.1992