

**General information**

Wellbore name	30/9-B-18 A
Type	DEVELOPMENT
Purpose	PRODUCTION
Status	PLUGGED
Multilateral	NO
Factmaps in new window	link
Main area	NORTH SEA
Field	OSEBERG
Discovery	30/6-1 Oseberg
Well name	30/9-B-18
Production licence	079
Drilling operator	Norsk Hydro Produksjon AS
Drill permit	741-P
Drilling facility	OSEBERG B
Production facility	OSEBERG B
Drilling days	27
Entered date	27.09.1992
Completed date	23.10.1992
Release date	23.10.1994
Plugged date	14.10.2016
Publication date	12.09.2023
Purpose - planned	PRODUCTION
Content	OIL
Discovery wellbore	NO
1st level with HC, age	MIDDLE JURASSIC
1st level with HC, formation	OSEBERG FM
Kelly bushing elevation [m]	58.0
Water depth [m]	109.0
Total depth (MD) [m RKB]	4982.0
Final vertical depth (TVD) [m RKB]	2761.0
Maximum inclination [°]	93.4
Bottom hole temperature [°C]	106
Oldest penetrated age	MIDDLE JURASSIC
Oldest penetrated formation	NESS FM
Geodetic datum	ED50
NS degrees	60° 29' 36.31" N
EW degrees	2° 49' 43.22" E
NS UTM [m]	6706534.38



EW UTM [m]	490585.93
UTM zone	31
NPDID wellbore	2016

Wellbore history

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.

Logs

Log type	Log top depth [m]	Log bottom depth [m]
CET CBL VDL GR CCL	3157	4884



MWD - DEN NEU	3600	4982
MWD - DG DPR	3340	4982

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
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

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
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
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