

General information

Field name	NORNE
Factmaps in new window	link
Current activity status	Producing
Discovery wellbore	6608/10-2
Discovery year.	1992
Main area	Norwegian Sea
Main supply base	Sandnessjøen
NPDID field	43778

Picture**Discoveries included**

Discovery name
6608/10-2 Norne
6608/10-4

Activity status - history

Status	Status from	Status to
Producing	06.11.1997	
Approved for production	09.03.1995	05.11.1997

Located in

Block name	Prod. licence
6608/10	128
6508/1	128 B

Owner - current

Owner kind	Owner name
BUSINESS ARRANGEMENT AREA	NORNE INSIDE

Operatorship - current

Company name
Equinor Energy AS

Licensees - current



Company name	Nation code	Company share [%]
Petoro AS	NO	54.000000
Equinor Energy AS	NO	39.100000
Vår Energi AS	NO	6.900000

The NPD estimate for reserves (Norwegian share)

Valid date: 31.12.2019

Orig. recoverable oil [mill Sm3]	Orig. recoverable gas [bill Sm3]	Orig. recoverable NGL [mill tonn]	Orig. recoverable cond. [mill Sm3]	Orig. recoverable oil eq. [mill Sm3 o.e]
95.02	13.01	1.65	0.00	111.17

Remaining oil [mill Sm3]	Remaining gas [bill Sm3]	Remaining NGL [mill tonn]	Remaining cond. [mill Sm3]	Remaining oil eq. [mill Sm3 o.e]
3.85	4.85	0.66	0.00	9.95

Orig. inplace oil [mill Sm3]	Orig. inplace ass. liquid [mill Sm3]	Orig. inplace ass. gas [bill Sm3]	Orig. inplace free gas [bill Sm3]
157.00	2.00	18.00	11.50

Description

Type	Text	Date updated
Development	Norne is a field in the Norwegian Sea, 80 kilometres north of the Heidrun field. The water depth is 380 metres. Norne was discovered in 1992, and the plan for development and operation (PDO) was approved in 1995. The field has been developed with a production, storage and offloading vessel (FPSO), connected to seven subsea templates. Production started in 1997. An amended PDO for several deposits in the area around the Norne and Urd fields was approved in 2008. The Alve, Urd, Skuld and Marulk fields are tied-back to the Norne FPSO.	25.02.2020
Reservoir	Norne produces oil and gas from Jurassic sandstone. Oil is mainly found in the Ile and Tofte Formations, and gas in the Not Formation. The reservoir lies at a depth of 2,500 metres and has good quality.	16.03.2018
Recovery	The field is produced by water injection as the drive mechanism. Gas injection ceased in 2005 and all gas is exported.	11.04.2017
Transport	The oil is loaded onto tankers for export. Gas export started in 2001 through a dedicated pipeline to the Åsgard field and via Åsgard Transport System (ÅTS) to the Kårstø terminal.	16.03.2018
Status	A lifetime extension granted for the Norne FPSO in 2019 will increase value creation from the Norne field and its satellites. Blowdown of the gas cap in the Not Formation was started in 2019. Two production wells are planned to be drilled in the Ile Formation in 2020.	25.02.2020

**Investments (expected)**

Future investments from 2019 [mill NOK 2019-kroner] : 4710
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Investments (historical)

	Investments [mill NOK nominal values]
Sum	26956
2018	232
2017	633
2016	343
2015	97
2014	736
2013	764
2012	345
2011	1039
2010	2008
2009	1869
2008	1277
2007	1335
2006	1142
2005	1419
2004	424
2003	1099
2002	610
2001	998
2000	1088
1999	939
1998	816
1997	1992
1996	2450
1995	3024
1994	277

Production , saleable



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Field

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	Month	Net - oil [mill Sm3]	Net - gas [bill Sm3]	Net - condensate [mill Sm3]	Net - NGL [mill Sm3]	Net - oil equivalents [mill Sm3]
Sum		91.415895	8.707487	0.000000	1.958626	102.082008
2020		0.270562	0.562484	0.000000	0.089240	0.922286
2019		0.433247	0.711686	0.000000	0.128400	1.273333
2018		0.614685	0.184194	0.000000	0.036992	0.835871
2017		0.569979	0.109786	0.000000	0.029814	0.709579
2016		0.429990	0.129139	0.000000	0.033035	0.592164
2015		0.631213	0.184136	0.000000	0.062007	0.877356
2014		0.705651	0.118569	0.000000	0.044121	0.868341
2013		0.802223	0.122208	0.000000	0.036620	0.961051
2012		0.743468	0.158083	0.000000	0.044023	0.945574
2011		1.614666	0.257409	0.000000	0.071559	1.943634
2010		1.931261	0.169321	0.000000	0.045550	2.146132
2009		2.214239	0.180332	0.000000	0.048484	2.443055
2008		3.481571	0.342846	0.000000	0.091936	3.916353
2007		4.274286	0.509867	0.000000	0.134599	4.918752
2006		4.849153	0.434992	0.000000	0.113822	5.397967
2005		5.266955	0.945654	0.000000	0.207816	6.420425
2004		7.007641	0.956109	0.000000	0.204933	8.168683
2003		8.551840	0.756124	0.000000	0.181290	9.489254
2002		10.269768	0.789617	0.000000	0.145940	11.205325
2001		11.297284	1.084931	0.000000	0.208445	12.590660
2000		10.420211	0.000000	0.000000	0.000000	10.420211
1999		8.305064	0.000000	0.000000	0.000000	8.305064
1998		6.315673	0.000000	0.000000	0.000000	6.315673
1997		0.415265	0.000000	0.000000	0.000000	0.415265

Production , sum wellbores



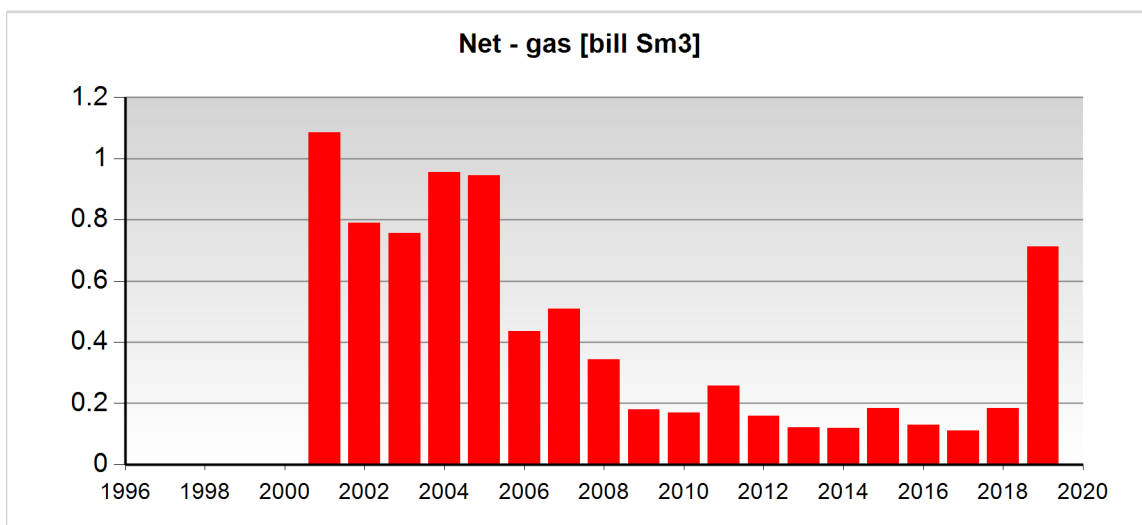
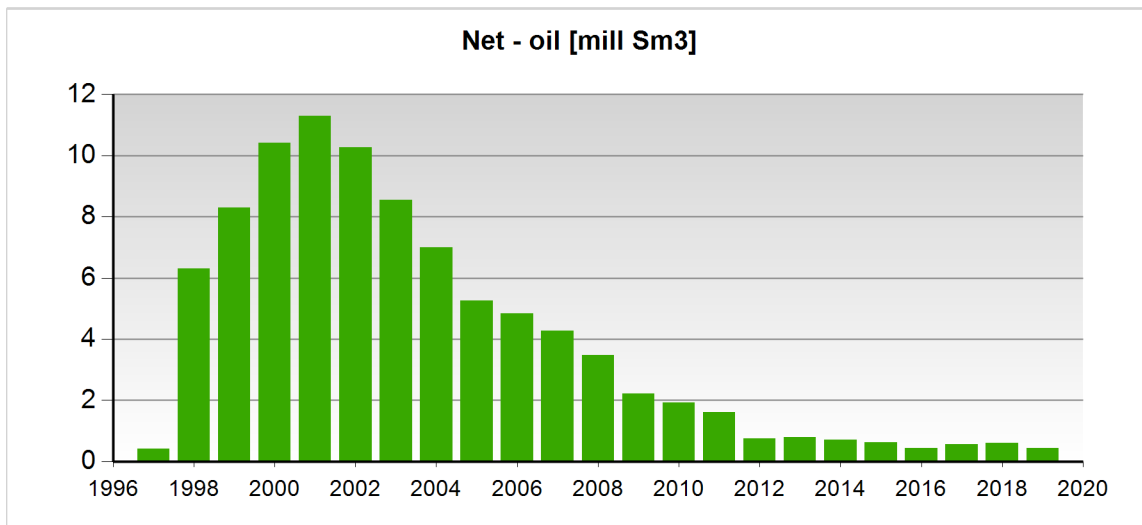
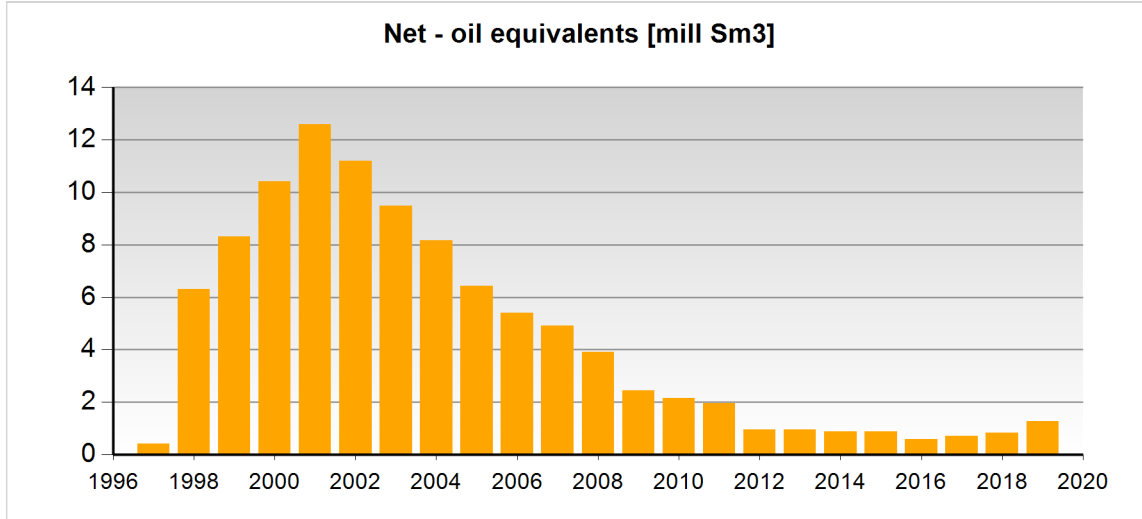
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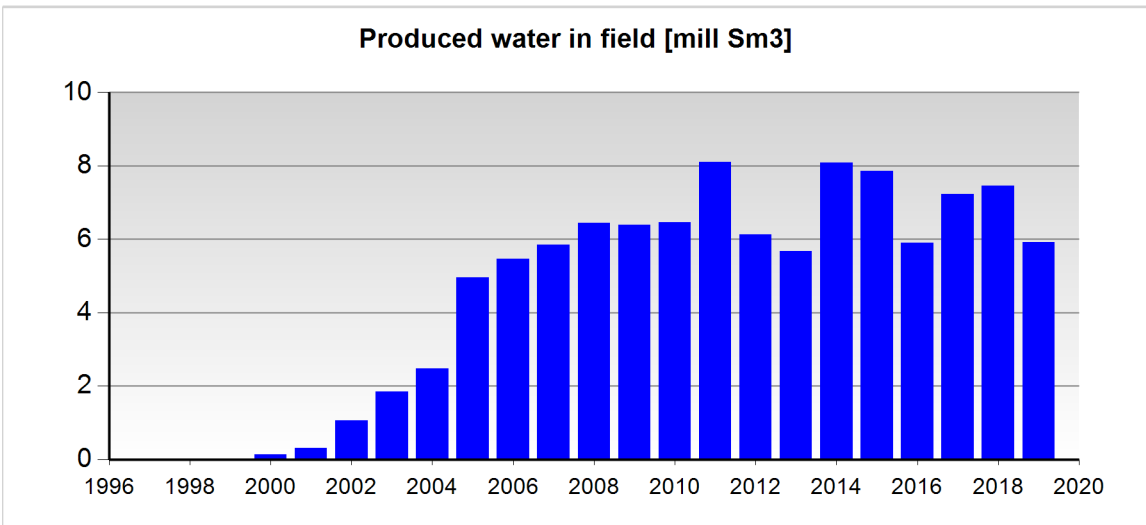
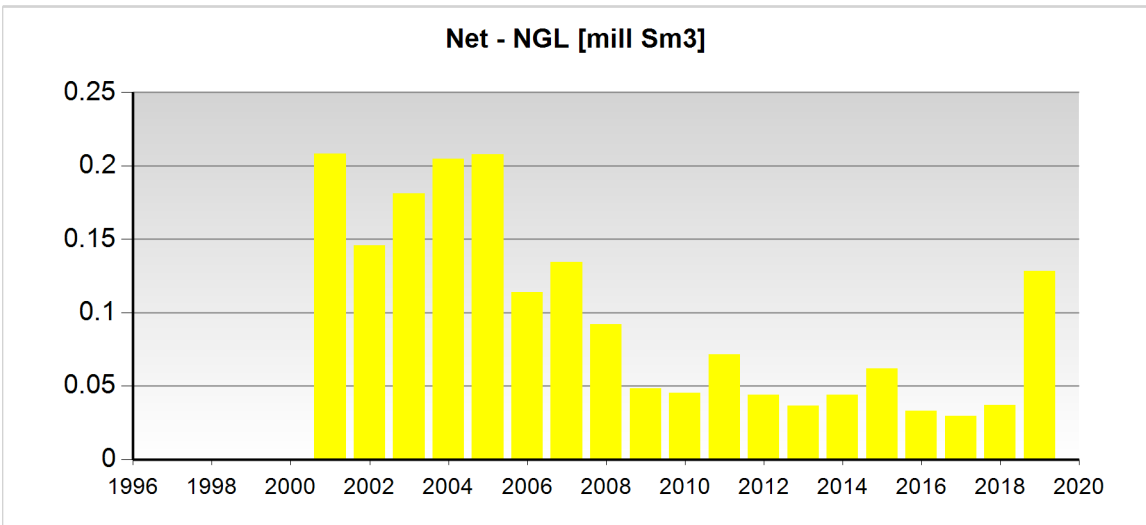
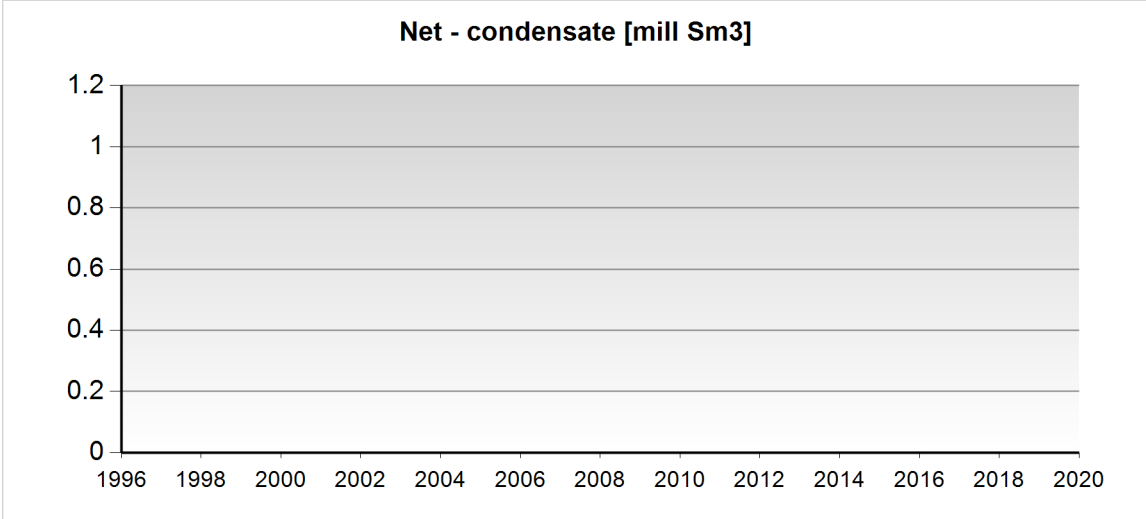
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	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		91.487527	20.060631	0.000000	111.548158
2020		0.263976	0.661392	0.000000	0.925368
2019		0.433247	0.840234	0.000000	1.273481
2018		0.614685	0.243906	0.000000	0.858591
2017		0.569979	0.177197	0.000000	0.747176
2016		0.429990	0.168679	0.000000	0.598669
2015		0.631213	0.231912	0.000000	0.863125
2014		0.705651	0.149262	0.000000	0.854913
2013		0.802223	0.156416	0.000000	0.958639
2012		0.743468	0.232893	0.000000	0.976361
2011		1.614665	0.329138	0.000000	1.943803
2010		1.931261	0.236900	0.000000	2.168161
2009		2.214239	0.253017	0.000000	2.467256
2008		3.479492	0.450921	0.000000	3.930413
2007		4.274286	0.652748	0.000000	4.927034
2006		4.849153	0.700689	0.000000	5.549842
2005		5.266957	1.220391	0.000000	6.487348
2004		7.007635	1.913848	0.000000	8.921483
2003		8.551566	1.884881	0.000000	10.436447
2002		10.267776	2.053431	0.000000	12.321207
2001		11.379852	2.243832	0.000000	13.623684
2000		10.420211	2.284488	0.000000	12.704699
1999		8.305064	1.834620	0.000000	10.139684
1998		6.315673	1.093531	0.000000	7.409204
1997		0.415265	0.046305	0.000000	0.461570

Production - charts





Any produced water is only included after 1.1.2000

Wellbores - exploration



Wellbore name	Entered date	Completed date	Purpose	Status	Content
6608/10-2	28.10.1991	29.01.1992	WILDCAT	P&A	OIL/GAS
6608/10-3	07.01.1993	11.03.1993	APPRAISAL	SUSPENDED	OIL/GAS
6608/10-3 R	08.08.1995	17.08.1995	APPRAISAL	P&A	OIL/GAS
6608/10-4	15.12.1993	06.03.1994	WILDCAT	P&A	OIL/GAS

Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
6608/10-B-1 H	27.01.1999	09.03.1999	PRODUCTION	OIL
6608/10-B-1 AH	04.11.2005	01.12.2005	OBSERVATION	OIL
6608/10-B-1 BH	03.12.2005	08.12.2005	PRODUCTION	OIL
6608/10-B-2 H	13.12.1996	07.01.1997	PRODUCTION	OIL
6608/10-B-3 H	21.05.1999	12.06.1999	PRODUCTION	OIL
6608/10-B-4 H	12.01.1998	02.02.1998	PRODUCTION	OIL
6608/10-B-4 AH	13.06.2001	12.07.2001	OBSERVATION	NOT APPLICABLE
6608/10-B-4 BH	13.07.2001	20.07.2001	PRODUCTION	OIL
6608/10-B-4 CH	02.06.2004	18.06.2004	OBSERVATION	OIL
6608/10-B-4 DH	19.06.2004	26.06.2004	PRODUCTION	OIL
6608/10-C-1 H	13.02.1998	26.06.1998	INJECTION	WATER
6608/10-C-2 H	19.09.1996	18.11.1998	INJECTION	WATER
6608/10-C-3 H	16.09.1996	05.05.1999	INJECTION	WATER
6608/10-C-4 H	21.09.1996	09.12.1996	INJECTION	GAS
6608/10-C-4 AH	15.11.2003	10.12.2003	INJECTION	WATER
6608/10-D-1 H	28.09.1996	14.11.1996	PRODUCTION	OIL
6608/10-D-1 AH	28.05.2002	24.06.2002	OBSERVATION	NOT APPLICABLE
6608/10-D-1 BH	26.06.2002	17.07.2002	PRODUCTION	OIL
6608/10-D-1 CH	29.09.2003	08.10.2003	PRODUCTION	OIL
6608/10-D-2 H	01.10.1996	01.03.1997	PRODUCTION	OIL
6608/10-D-3 H	05.07.2000	02.08.2000	OBSERVATION	NOT APPLICABLE
6608/10-D-3 AH	04.08.2000	12.08.2000	PRODUCTION	OIL
6608/10-D-3 BY2H	09.08.2005	25.09.2005	PRODUCTION	OIL
6608/10-D-3 BY1H	05.07.2005	08.08.2005	PRODUCTION	OIL
6608/10-D-3 CH	16.07.2017		PRODUCTION	
6608/10-D-4 H	07.01.1998	28.05.1998	PRODUCTION	OIL
6608/10-D-4 AH	11.01.2003	16.05.2003	PRODUCTION	OIL
6608/10-D-4 BH			PRODUCTION	
6608/10-E-1 H	26.04.1999	15.06.1999	PRODUCTION	OIL
6608/10-E-1 Y2H	26.10.2009	19.11.2009	PRODUCTION	OIL



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OLJEDIREKTORATET

6608/10-E-2 H	14.09.1999	05.11.1999	PRODUCTION	OIL
6608/10-E-2 AH	27.07.2005	02.08.2005	PRODUCTION	OIL
6608/10-E-2 BH	22.11.2007	20.01.2008	OBSERVATION	OIL
6608/10-E-2 CH	23.01.2008	07.02.2008	PRODUCTION	OIL
6608/10-E-3 H	05.08.1998	31.08.1998	PRODUCTION	OIL
6608/10-E-3 AH	02.10.2000	17.11.2000	PRODUCTION	OIL
6608/10-E-3 BH	08.03.2005	29.03.2005	OBSERVATION	OIL
6608/10-E-3 CH	03.04.2005	14.04.2005	PRODUCTION	OIL
6608/10-E-4 H	08.12.1999	11.03.2000	OBSERVATION	NOT APPLICABLE
6608/10-E-4 AH	12.03.2000	12.05.2000	PRODUCTION	OIL
6608/10-E-4 BH				
6608/10-F-1 H	29.04.1999	22.05.1999	INJECTION	WATER
6608/10-F-2 H	18.09.1999	04.10.1999	INJECTION	WATER
6608/10-F-3 H	02.12.1999	11.09.2000	INJECTION	WATER
6608/10-F-4 H	11.06.2001	03.07.2001	INJECTION	WATER
6608/10-F-4 AH	30.09.2007	21.10.2007	INJECTION	WATER
6608/10-K-1 H	18.10.2006	13.11.2006	PRODUCTION	OIL
6608/10-K-2 H	02.03.2010	10.04.2010	OBSERVATION	OIL
6608/10-K-2 AH	13.04.2010	15.04.2010	PRODUCTION	OIL
6608/10-K-3 H	05.09.2006	21.09.2006	PRODUCTION	OIL
6608/10-K-4 H	24.03.2007	10.05.2007	PRODUCTION	OIL
6608/10-M-1 H	12.03.2019	12.04.2019	PRODUCTION	GAS
6608/10-M-2 H	30.09.2010	12.11.2010	PRODUCTION	NOT APPLICABLE
6608/10-M-2 AH	15.05.2020	07.06.2020	PRODUCTION	OIL
6608/10-M-3 H	15.11.2010	22.01.2011	PRODUCTION	OIL
6608/10-M-4 H	20.03.2010	03.09.2010	PRODUCTION	OIL
6608/10-M-4 AH	18.12.2011	09.01.2012	PRODUCTION	OIL
6608/10-M-4 BH	04.04.2013	21.04.2013	PRODUCTION	OIL

Wellbores - other

Wellbore name	Entered date	Completed date	Purpose	Status
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