

General information

Field name	BRAGE
Factmaps in new window	link
Current activity status	Producing
Discovery wellbore	31/4-3
Discovery year.	1980
Main area	North Sea
Main supply base	Mongstad
NPDID field	43651

Picture

Discoveries included

Discovery name
31/4-3 Brage
31/4-11
31/4-A-30 B
31/4-A-1-A

Activity status - history

Status	Status from	Status to
Producing	23.09.1993	
Approved for production	29.03.1990	22.09.1993

Located in

Block name	Prod. licence
30/6	053 B
31/4	055
31/7	185
	055 B
31/4	055 D

Owner - current

Owner kind	Owner name
BUSINESS ARRANGEMENT AREA	BRAGE UNIT

Operatorship - current



Company name

[Wintershall Dea Norge AS](#)

Licenseses - current

Company name	Nation code	Company share [%]
Wintershall Dea Norge AS	NO	35.200000
Repsol Norge AS	NO	33.843400
DNO Norge AS	NO	14.256700
Vår Energi AS	NO	12.257500
Neptune Energy Norge AS	NO	4.442400

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]
62.38	4.24	1.38	0.00	69.24

Remaining oil [mill Sm3]	Remaining gas [bill Sm3]	Remaining NGL [mill tonn]	Remaining cond. [mill Sm3]	Remaining oil eq. [mill Sm3 o.e]
3.05	0.30	0.09	0.00	3.52

Orig. inplace oil [mill Sm3]	Orig. inplace ass. liquid [mill Sm3]	Orig. inplace ass. gas [bill Sm3]	Orig. inplace free gas [bill Sm3]
158.00	13.00	16.00	4.80

Description

Type	Text	Date updated
Development	Brage is a field in the northern part of the North Sea, ten kilometres east of the Oseberg field. The water depth is 140 metres. Brage was discovered in 1980, and the plan for development and operation (PDO) was approved in 1990. The field has been developed with an integrated production, drilling and accommodation facility with a steel jacket. Production started in 1993. A PDO for Brage Sognefjord was approved in 1998. The authorities granted PDO exemptions for the Brent Ness and Bowmore Brent deposits in 2004 and 2007, respectively.	12.02.2020
Reservoir	Brage produces oil from sandstone of Early Jurassic age in the Staffjord Group, and sandstone of Middle Jurassic age in the Brent Group and the Fensfjord Formation. There is also oil and gas in Upper Jurassic sandstone in the Sognefjord Formation. The reservoirs lie at a depth of 2,000-2,300 metres. The reservoir quality varies from poor to excellent.	16.03.2018



Recovery	The recovery strategy in Statfjord and Fensfjord is water injection. In the Brent Group, the production strategy is water alternating gas (WAG) injection, and the Sognefjord Formation is produced by depletion and by pressure support from the aquifer.	16.03.2018
Transport	The oil is transported by pipeline to the Oseberg field and further through the Oseberg Transport System (OTS) pipeline to the Sture terminal. A gas pipeline is tied-back to Statpipe.	16.03.2018
Status	Brage has been producing for a long time, and work is still ongoing to find new ways of increasing recovery from the field. New wells are being drilled.	25.04.2019

Investments (expected)

Future investments from 2019 [mill NOK 2019-kroner] : 2077

Investments (historical)

	Investments [mill NOK nominal values]
Sum	21956
2018	502
2017	793
2016	59
2015	983
2014	1112
2013	749
2012	696
2011	683
2010	1036
2009	872
2008	547
2007	894
2006	323
2005	182
2004	461
2003	212
2002	217
2001	483
2000	252
1999	163
1998	496
1997	526
1996	525
1995	419
1994	335
1993	2439



1992	3397
1991	2230
1990	370
1989	0

Production , saleable

	Month	Net - oil [mill Sm3]	Net - gas [bill Sm3]	Net - condensate [mill Sm3]	Net - NGL [mill Sm3]	Net - oil equivalents [mill Sm3]
Sum		59.509214	3.930284	0.000000	2.727298	66.166796
2020		0.269343	0.076764	0.000000	0.038754	0.384861
2019		0.517786	0.067570	0.000000	0.039174	0.624530
2018		0.475351	0.047002	0.000000	0.025992	0.548345
2017		0.510310	0.000000	0.000000	0.000000	0.510310
2016		0.716654	0.139813	0.000000	0.080732	0.937199
2015		0.658630	0.161225	0.000000	0.092268	0.912123
2014		0.520052	0.113518	0.000000	0.068989	0.702559
2013		0.593568	0.068965	0.000000	0.043443	0.705976
2012		0.787911	0.110996	0.000000	0.072665	0.971572
2011		1.133255	0.129524	0.000000	0.087669	1.350448
2010		1.546190	0.125827	0.000000	0.086880	1.758897
2009		1.676413	0.130295	0.000000	0.095610	1.902318
2008		1.597280	0.259084	0.000000	0.169630	2.025994
2007		1.194886	0.174087	0.000000	0.106772	1.475745
2006		1.112974	0.132722	0.000000	0.084238	1.329934
2005		1.481001	0.124398	0.000000	0.086060	1.691459
2004		1.581333	0.088789	0.000000	0.067592	1.737714
2003		1.878041	0.098384	0.000000	0.081382	2.057807
2002		2.142643	0.114828	0.000000	0.108519	2.365990
2001		2.228841	0.167266	0.000000	0.157765	2.553872
2000		2.632700	0.149452	0.000000	0.114683	2.896835
1999		3.798353	0.157558	0.000000	0.111412	4.067323
1998		5.541374	0.281032	0.000000	0.194972	6.017378
1997		5.868671	0.230428	0.000000	0.146345	6.245444
1996		6.397894	0.340859	0.000000	0.208653	6.947406
1995		6.251905	0.222771	0.000000	0.152269	6.626945
1994		5.351819	0.192465	0.000000	0.173887	5.718171
1993		1.044036	0.024662	0.000000	0.030943	1.099641

Production , sum wellbores



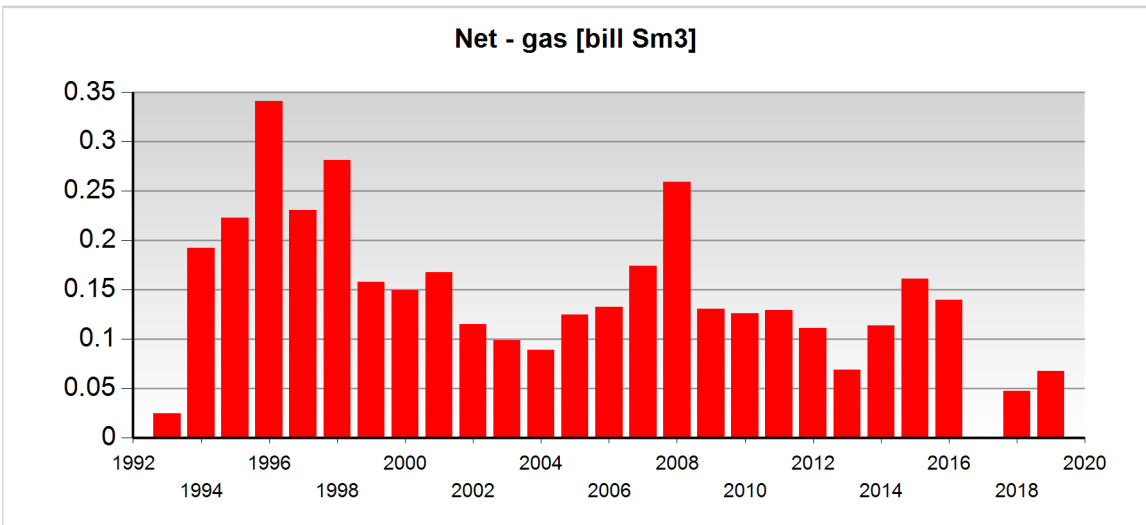
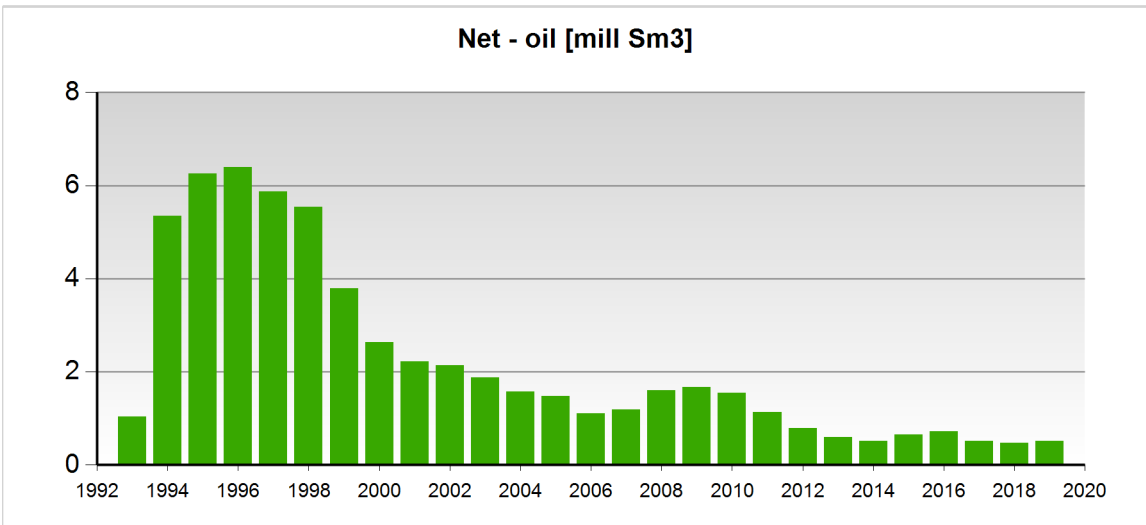
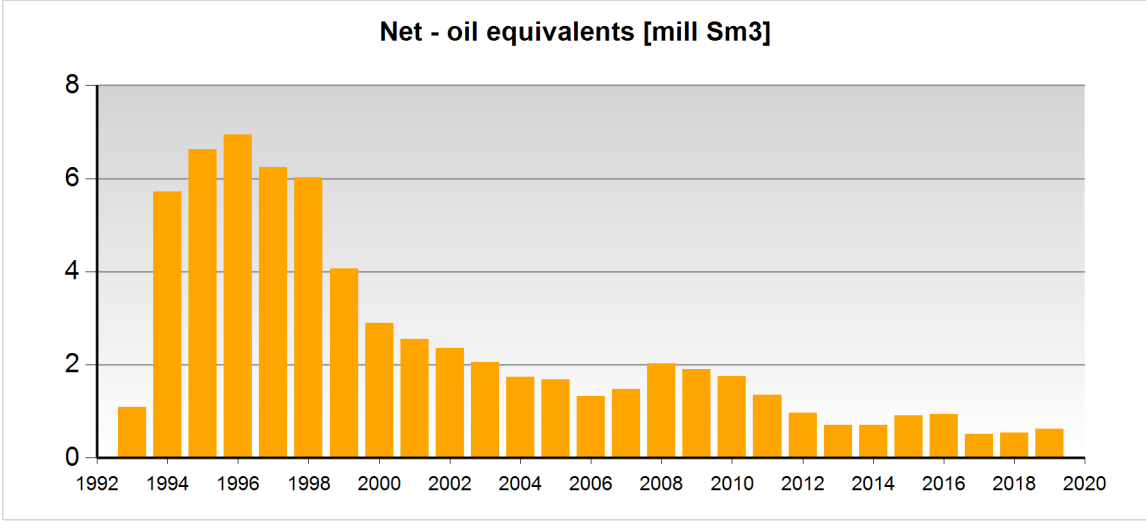
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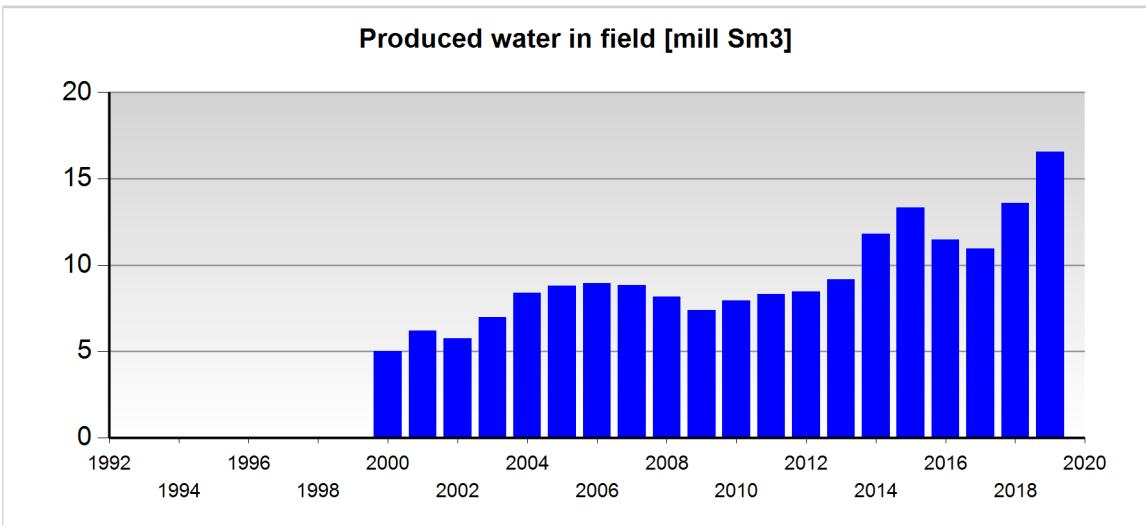
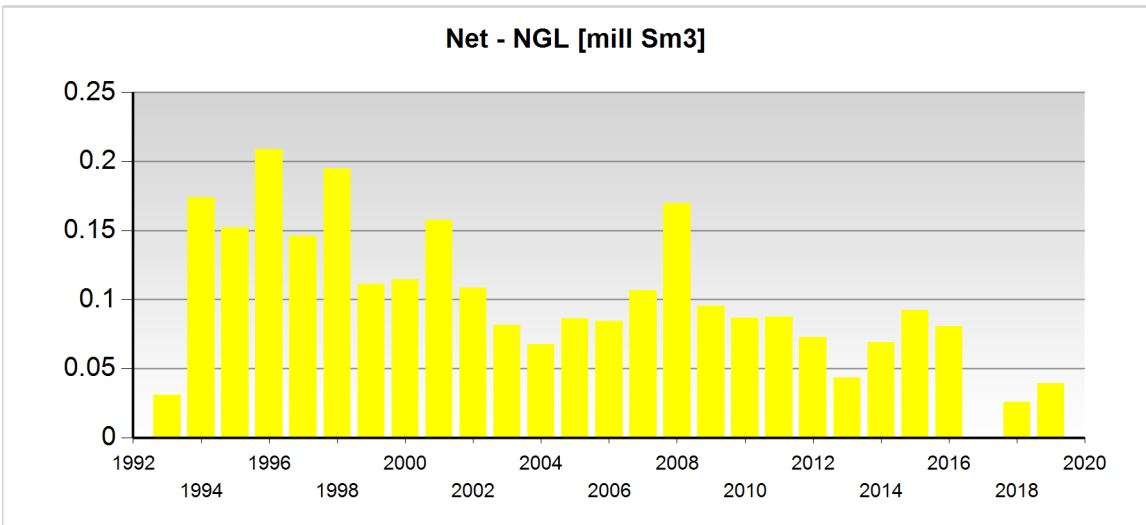
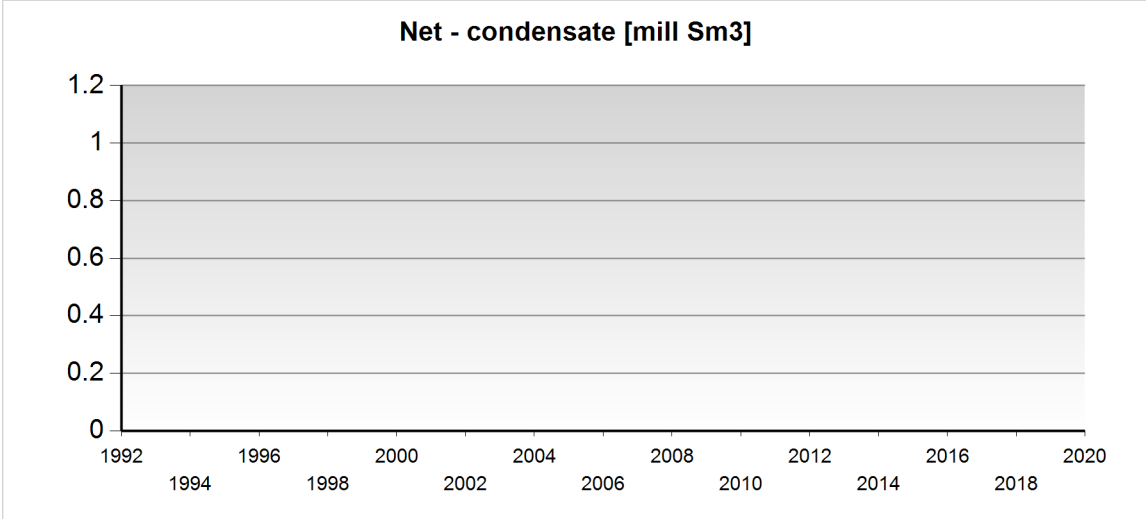
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	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		59.828389	8.251099	0.000000	68.079488
2020		0.233042	0.108527	0.000000	0.341569
2019		0.517330	0.162621	0.000000	0.679951
2018		0.475848	0.179711	0.000000	0.655559
2017		0.509891	0.151559	0.000000	0.661450
2016		0.714382	0.261373	0.000000	0.975755
2015		0.655114	0.270682	0.000000	0.925796
2014		0.519481	0.199470	0.000000	0.718951
2013		0.591661	0.184695	0.000000	0.776356
2012		0.781591	0.290777	0.000000	1.072368
2011		1.125593	0.352292	0.000000	1.477885
2010		1.549568	0.358164	0.000000	1.907732
2009		1.685754	0.326768	0.000000	2.012522
2008		1.601127	0.392720	0.000000	1.993847
2007		1.179231	0.278712	0.000000	1.457943
2006		1.104666	0.240087	0.000000	1.344753
2005		1.477963	0.221500	0.000000	1.699463
2004		1.600204	0.187447	0.000000	1.787651
2003		1.903869	0.200480	0.000000	2.104349
2002		2.158937	0.243393	0.000000	2.402330
2001		2.241122	0.306102	0.000000	2.547224
2000		2.646867	0.280850	0.000000	2.927717
1999		3.825873	0.321485	0.000000	4.147358
1998		5.575131	0.537257	0.000000	6.112388
1997		5.913518	0.616098	0.000000	6.529616
1996		6.441272	0.647535	0.000000	7.088807
1995		6.324177	0.513989	0.000000	6.838166
1994		5.417433	0.355362	0.000000	5.772795
1993		1.057744	0.061443	0.000000	1.119187

Production - charts





Any produced water is only included after 1.1.2000

Wellbores - exploration



Wellbore name	Entered date	Completed date	Purpose	Status	Content
31/4-3	24.12.1979	11.05.1980	WILDCAT	P&A	OIL/GAS
31/4-5	27.05.1981	29.07.1981	APPRAISAL	P&A	OIL
31/4-6	28.02.1982	20.04.1982	APPRAISAL	P&A	OIL
31/4-7	26.07.1984	11.09.1984	APPRAISAL	P&A	OIL/GAS
31/4-8	21.03.1986	11.05.1986	APPRAISAL	P&A	OIL/GAS
31/4-9	23.01.1987	07.03.1987	APPRAISAL	P&A	OIL
31/4-10	14.11.1995	13.12.1995	APPRAISAL	P&A	OIL/GAS
31/4-11	27.07.2000	12.09.2000	WILDCAT	P&A	OIL/GAS

Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
31/4-A-1	30.12.1991	27.01.1992	PRODUCTION	OIL
31/4-A-1 A	21.07.2008	18.10.2008	PRODUCTION	OIL
31/4-A-2	31.01.1992	09.04.1992	PRODUCTION	OIL
31/4-A-2 A	12.09.2017	28.09.2017	INJECTION	WATER
31/4-A-3	16.04.1992	20.05.1992	INJECTION	WATER
31/4-A-4	20.11.1992	04.03.1993	OBSERVATION	OIL
31/4-A-4 A	06.03.1993	15.04.1993	PRODUCTION	OIL
31/4-A-5	25.05.1992	22.06.1992	PRODUCTION	OIL
31/4-A-6	15.08.1992	05.11.1992	PRODUCTION	OIL
31/4-A-6 A	25.12.2017	09.01.2018	INJECTION	WATER
31/4-A-7	21.02.1994	10.04.1994	INJECTION	WATER
31/4-A-7 A	19.05.2015	27.11.2015	OBSERVATION	OIL
31/4-A-7 B	28.11.2015	07.12.2015	PRODUCTION	OIL
31/4-A-8	17.06.1994	06.08.1994	OBSERVATION	NOT APPLICABLE
31/4-A-8 A	08.08.1994	20.08.1994	PRODUCTION	OIL
31/4-A-8 B	30.01.2018	05.02.2018	PRODUCTION	OIL
31/4-A-9	25.06.1996	17.09.1996	PRODUCTION	OIL
31/4-A-10	21.08.2001	14.11.2001	OBSERVATION	NOT APPLICABLE
31/4-A-10 A	16.11.2001	18.12.2001	PRODUCTION	OIL
31/4-A-11	20.10.1997	27.11.1997	OBSERVATION	NOT APPLICABLE
31/4-A-11 A	28.11.1997	15.12.1997	PRODUCTION	OIL
31/4-A-11 B	27.05.2002	14.06.2002	PRODUCTION	OIL
31/4-A-11 C	31.12.2004	05.03.2005	PRODUCTION	OIL
31/4-A-12	09.01.1995	27.01.1995	OBSERVATION	NOT APPLICABLE
31/4-A-12 A	28.01.1995	10.02.1995	INJECTION	WATER
31/4-A-12 B	02.01.2020	29.01.2020	OBSERVATION	
31/4-A-12 C	31.01.2020	23.02.2020	PRODUCTION	



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31/4-A-13	16.04.1994	04.06.1994	PRODUCTION	OIL
31/4-A-13 A	26.06.2009	21.08.2009	PRODUCTION	DRY
31/4-A-13 B	23.08.2009	12.09.2009	PRODUCTION	OIL
31/4-A-14	18.10.1994	23.11.1994	PRODUCTION	OIL
31/4-A-14 A	08.12.2010	21.02.2011	OBSERVATION	OIL
31/4-A-14 B	06.03.2011	12.03.2011	OBSERVATION	OIL
31/4-A-14 C	15.03.2011	27.03.2011	PRODUCTION	OIL
31/4-A-14 D	03.04.2011	15.04.2011	PRODUCTION	OIL
31/4-A-14 E	04.07.2011	14.08.2011	PRODUCTION	OIL
31/4-A-15	10.05.1996	13.06.1996	INJECTION	CUTTINGS
31/4-A-15 A	24.10.2018	25.01.2019	PRODUCTION	OIL
31/4-A-16	16.12.1996	01.03.1997	INJECTION	WATER
31/4-A-16 A	05.12.2006	18.02.2007	OBSERVATION	OIL
31/4-A-16 B	21.02.2007	02.03.2007	PRODUCTION	OIL
31/4-A-17	03.02.1996	03.04.1996	OBSERVATION	NOT APPLICABLE
31/4-A-17 A	04.04.1996	28.04.1996	INJECTION	WATER
31/4-A-17 BY1	06.11.2003	14.12.2003	PRODUCTION	DRY
31/4-A-17 BY2	15.12.2003	25.12.2003	PRODUCTION	OIL
31/4-A-17 BY3	26.12.2003	12.01.2004	PRODUCTION	OIL
31/4-A-18	28.11.1994	01.01.1995	INJECTION	WATER
31/4-A-18 A	08.12.2014	28.03.2015	OBSERVATION	OIL
31/4-A-18 B	31.03.2015	09.04.2015	OBSERVATION	NOT APPLICABLE
31/4-A-18 C	13.04.2015	27.04.2015	PRODUCTION	OIL
31/4-A-19	14.04.1997	15.05.1997	PRODUCTION	OIL
31/4-A-19 A	08.05.2010	09.08.2010	PRODUCTION	OIL
31/4-A-19 B			PRODUCTION	
31/4-A-20	26.12.1997	28.04.1998	PRODUCTION	OIL
31/4-A-21	21.02.1995	21.04.1995	PRODUCTION	OIL
31/4-A-22	13.04.2001	27.07.2001	PRODUCTION	OIL
31/4-A-22 A	10.02.2009	28.04.2009	INJECTION	WATER
31/4-A-23	26.12.1993	11.02.1994	PRODUCTION	OIL
31/4-A-23 A	08.03.2001	30.03.2001	OBSERVATION	NOT APPLICABLE
31/4-A-23 B	31.03.2001	06.04.2001	PRODUCTION	OIL
31/4-A-23 C	18.12.2011	05.10.2013	PRODUCTION	OIL
31/4-A-23 D	19.01.2014	22.09.2014	PRODUCTION	OIL
31/4-A-23 E	28.10.2017	04.12.2017	PRODUCTION	OIL
31/4-A-24	12.11.1996	20.11.1996	PRODUCTION	WATER
31/4-A-24 A	03.09.2002	12.09.2002	PRODUCTION	WATER
31/4-A-25	25.09.1994	11.10.1994	PRODUCTION	OIL
31/4-A-25 A	10.07.2017	26.08.2017	PRODUCTION	OIL
31/4-A-26	31.08.1994	20.09.1994	INJECTION	WATER



31/4-A-27	19.09.1995	25.10.1995	INJECTION	WATER
31/4-A-27 A	29.03.2019	02.05.2019	PRODUCTION	OIL
31/4-A-28	16.03.1995	28.08.1995	INJECTION	WATER
31/4-A-28 A	07.09.2007	19.12.2007	OBSERVATION	OIL
31/4-A-28 B	24.12.2007	11.01.2008	PRODUCTION	OIL
31/4-A-29	23.11.1996	29.11.1996	PRODUCTION	WATER
31/4-A-29 A	15.08.2002	22.08.2002	PRODUCTION	WATER
31/4-A-30	04.06.2000	04.07.2000	OBSERVATION	NOT APPLICABLE
31/4-A-30 A	07.07.2000	13.07.2000	PRODUCTION	OIL
31/4-A-30 B	14.02.2004	04.04.2004	PRODUCTION	OIL
31/4-A-31	28.04.2004	25.10.2004	PRODUCTION	OIL
31/4-A-32	20.07.2000	15.09.2000	OBSERVATION	NOT APPLICABLE
31/4-A-32 A	05.10.2000	17.10.2000	PRODUCTION	OIL
31/4-A-32 B	03.02.2010	18.03.2010	PRODUCTION	OIL
31/4-A-32 C	20.03.2010	27.03.2010	INJECTION	WATER
31/4-A-32 D			PRODUCTION	
31/4-A-33	26.10.1998	06.12.1998	OBSERVATION	NOT APPLICABLE
31/4-A-33 A	07.12.1998	07.01.1999	PRODUCTION	OIL
31/4-A-33 B	03.02.2002	04.03.2002	OBSERVATION	NOT APPLICABLE
31/4-A-33 C	16.03.2002	25.03.2002	OBSERVATION	NOT APPLICABLE
31/4-A-33 D	27.03.2002	25.04.2002	PRODUCTION	OIL
31/4-A-33 E	02.11.2010	24.11.2010	INJECTION	CUTTINGS
31/4-A-34	01.09.1998	13.10.1998	PRODUCTION	OIL
31/4-A-34 A	18.11.2009	19.12.2009	OBSERVATION	NOT APPLICABLE
31/4-A-34 B	20.12.2009	25.12.2009	OBSERVATION	NOT APPLICABLE
31/4-A-34 C	26.12.2009	05.01.2010	PRODUCTION	OIL
31/4-A-35	25.07.1998	20.08.1998	PRODUCTION	OIL
31/4-A-35 A	21.02.2008	17.05.2008	PRODUCTION	GAS
31/4-A-36	06.06.1998	07.07.1998	INJECTION	WATER
31/4-A-36 A	27.07.2019	10.11.2019	OBSERVATION	NOT APPLICABLE
31/4-A-36 B	12.11.2019	28.11.2019	PRODUCTION	OIL
31/4-A-37	28.07.1997	03.09.1997	OBSERVATION	NOT APPLICABLE
31/4-A-37 A	05.09.1997	16.09.1997	OBSERVATION	NOT APPLICABLE
31/4-A-37 B	18.09.1997	29.09.1997	PRODUCTION	OIL
31/4-A-38	29.01.1999	28.02.1999	PRODUCTION	OIL
31/4-A-39	14.12.2000	25.01.2001	PRODUCTION	OIL



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31/4-A-40	06.11.1995	27.12.1995	PRODUCTION	OIL
31/4-A-40 A	30.04.2007	17.07.2007	PRODUCTION	OIL
31/4-A-40 B	22.07.2007	06.08.2007	PRODUCTION	OIL

Wellbores - other

Wellbore name	Entered date	Completed date	Purpose	Status
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